

(To Prospectus dated June 18, 2024)

765,200 Shares of Common Stock
2,176,000 Pre-funded Warrants to Purchase Shares of Common Stock
2,176,000 Shares of Common Stock Issuable Upon Exercise of Pre-funded Warrants
2,941,200 Common Warrants to Purchase Shares of Common Stock
2,941,200 Shares of Common Stock Issuable Upon Exercise of Common Warrants



XTI Aerospace, Inc.

We are offering 765,200 shares of our common stock, par value \$0.001 per share, and warrants to purchase up to 2,941,200 shares of common stock (the “Common Warrants”), pursuant to this prospectus supplement and the accompanying base prospectus. The combined public offering price for each share of our common stock, together with one Common Warrant, is \$1.36. Each share of our common stock, or a Pre-funded Warrant in lieu thereof (as described below), is being sold together with one Common Warrant. Each Common Warrant will have an exercise price of \$1.36 per share, will be exercisable immediately and will expire on the fifth anniversary of the date of issuance. The shares of our common stock and the Common Warrants are immediately separable and will be issued separately, but will be purchased together in this offering. This prospectus supplement also relates to the offering of the common stock issuable upon exercise of the Common Warrants.

We are also offering pre-funded warrants to purchase up to an aggregate of 2,176,000 shares of common stock (“Pre-funded Warrants”), in lieu of shares of common stock to those purchasers whose purchase of shares of our common stock in this offering would otherwise result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding shares of common stock immediately following the consummation of this offering. Each Pre-funded Warrant is exercisable for one share of our common stock. Each Pre-funded Warrant is being issued together with the same Common Warrant described above being issued with each share of common stock. For each Pre-funded Warrant we sell, the number of shares of common stock that we are offering will be decreased on a one-for-one basis. The combined public offering price of each Pre-funded Warrant, together with the accompanying Common Warrant, is \$1.359. The Pre-funded Warrants will be immediately exercisable and may be exercised at any time until all of the Pre-funded Warrants are exercised in full. The Pre-funded Warrants and the Common Warrants are immediately separable and will be issued separately, but will be purchased together in this offering. This prospectus supplement also relates to the offering of the common stock issuable upon exercise of the Pre-funded Warrants. In this prospectus, we sometimes refer to the Common Warrants and Pre-funded Warrants together as the “Warrants.”

Our common stock is listed on the Nasdaq Capital Market under the symbol “XTIA.” On March 27, 2025, the last reported sale price of our common stock on the Nasdaq Capital Market was \$1.23 per share. There is no established trading market for the Warrants, and we do not intend to list the Warrants on any securities exchange or nationally recognized trading system.

Investing in these securities involves certain risks. See “Risk Factors” on page S-6 of this prospectus supplement and the accompanying base prospectus, as well as the risk factors incorporated by reference into this prospectus supplement and accompanying base prospectus for a discussion of the factors you should carefully consider before deciding to purchase these securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or accompanying base prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

	Per Share and Accompanying Common Warrant	Per Pre-funded Warrant and Accompanying Common Warrant	Total ⁽²⁾
Public offering price	\$ 1.36	\$ 1.359	\$ 4,000,032
Underwriting discounts and commissions ⁽¹⁾	\$ 0.0952	\$ 0.0952	\$ 280,002
Proceeds to us, before expenses	\$ 1.2648	\$ 1.2638	\$ 3,720,030

(1) See “Underwriting” for a description of compensation payable to the underwriters.

(2) Based on the sale of 765,200 shares of our common stock, 2,176,000 Pre-funded Warrants, and 2,941,200 Common Warrants and assuming full exercise of the Pre-funded Warrants.

The underwriters expect to deliver the securities to purchasers on or about March 31, 2025.

ThinkEquity

The date of this prospectus supplement is March 28, 2025

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PROSPECTUS

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement and the accompanying prospectus are part of a registration statement that we filed with the U.S. Securities and Exchange Commission, or SEC, utilizing a “shelf” registration process. This document is in two parts. The first part is this prospectus supplement, which describes the specific terms of this offering and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference herein. The second part, the accompanying prospectus, provides more general information. Generally, when we refer to this prospectus, we are referring to both parts of this document combined. To the extent there is a conflict between the information contained in this prospectus supplement and the information contained in the accompanying prospectus or any document incorporated by reference therein filed prior to the date of this prospectus supplement, you should rely on the information in this prospectus supplement; provided that if any statement in one of these documents is inconsistent with a statement in another document having a later date – for example, a document incorporated by reference in the accompanying prospectus – the statement in the document having the later date modifies or supersedes the earlier statement.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference herein were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

You should rely only on the information contained in this prospectus supplement or the accompanying prospectus or incorporated by reference herein and therein. We have not authorized, and the underwriters have not authorized, anyone to provide you with information that is different. The information contained in this prospectus supplement or the accompanying prospectus or incorporated by reference herein or therein is accurate only as of the respective dates thereof, regardless of the time of delivery of this prospectus supplement and the accompanying prospectus or of any sale of our securities.

This prospectus supplement and the accompanying prospectus contain summaries of certain provisions contained in some of the documents described herein, but reference is made to the actual documents for complete information. All of the summaries are qualified in their entirety by the actual documents. Copies of some of the documents referred to herein have been filed, will be filed or will be incorporated herein by reference as exhibits to the registration statement, and you may obtain copies of those documents as described below in the section entitled “Where You Can Find More Information.”

It is important for you to read and consider all information contained in this prospectus supplement and the accompanying prospectus, including the documents incorporated by reference herein and therein, in making your investment decision. You should also read and consider the information in the documents to which we have referred you in the sections entitled “Where You Can Find More Information” and “Information Incorporated By Reference” in this prospectus supplement and in the accompanying prospectus, respectively.

We are offering to sell, and seeking offers to buy, the securities offered by this prospectus supplement only in jurisdictions where offers and sales are permitted. The distribution of this prospectus supplement and the accompanying prospectus and the offering of the securities offered by this prospectus supplement in certain jurisdictions may be restricted by law. Persons outside the United States who come into possession of this prospectus supplement and the accompanying prospectus must inform themselves about, and observe any restrictions relating to, the offering of the securities and the distribution of this prospectus supplement and the accompanying prospectus outside the United States. This prospectus supplement and the accompanying prospectus do not constitute, and may not be used in connection with, an offer to sell, or a solicitation of an offer to buy, any securities offered by this prospectus supplement and the accompanying prospectus by any person in any jurisdiction in which it is unlawful for such person to make such an offer or solicitation.

On March 12, 2024, XTI Aerospace, Inc. (formerly known as Inpixon), Superfly Merger Sub Inc., a Delaware corporation and a wholly owned subsidiary of XTI Aerospace, Inc. (“Merger Sub”), and XTI Aircraft Company, a Delaware corporation (“Legacy XTI”), completed a merger transaction pursuant to that certain Agreement and Plan of Merger (the “XTI Merger Agreement”), dated as of July 24, 2023 and amended on December 30, 2023 and March 12, 2024, whereby Merger Sub merged with and into Legacy XTI with Legacy XTI surviving the merger as a wholly-owned subsidiary of XTI Aerospace (the “XTI Merger”). In connection with the closing of the XTI Merger, we changed our corporate name to “XTI Aerospace, Inc.”

Except as otherwise indicated herein or as the context otherwise requires, references in this prospectus supplement, the accompanying prospectus and the information incorporated by referenced herein or therein to “XTI Aerospace,” the “Company,” “we,” “us,” “our” and similar terms refer collectively to XTI Aerospace, Inc. and our subsidiaries, Inpixon GmbH, IntraNav GmbH, and prior to the closing of the XTI Merger, Merger Sub, and after the closing of the XTI Merger, Legacy XTI.

Note Regarding Reverse Stock Splits

The Company effected a reverse stock split of its outstanding common stock at a ratio of 1-for-100, effective as of March 12, 2024, for the purpose of complying with Nasdaq Listing Rule 5550(a)(2) and satisfying the bid price requirements applicable for initial listing applications in connection with the closing of the XTI Merger. The Company also effected a reverse stock split of its outstanding common stock at a ratio of 1-for-250, effective as of January 10, 2025, for the purpose of complying with Nasdaq Listing Rule 5550(a)(2). We have reflected the reverse stock splits herein, unless otherwise indicated.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein contain forward-looking statements within the meaning of the federal securities laws, Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), and Section 21E of the Exchange Act. We intend these forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 and are included in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein for purposes of complying with those safe harbor provisions. All statements other than statements of historical facts contained in this prospectus supplement, the accompanying prospectus and our other public filings are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as “may,” “will,” “should,” “could,” “expects,” “plans,” “intends,” “anticipates,” “believes,” “estimates,” “predicts,” “potential,” “continue,” or the negative of these terms or other comparable terminology, although not all forward-looking statements contain those words.

We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy and financial needs. These forward-looking statements are subject to a number of known and unknown risks, uncertainties and assumptions, including risks described in the section titled “Risk Factors” and elsewhere in this prospectus supplement, the accompanying prospectus and other periodic reports incorporated herein and therein by reference, regarding, among other things:

- our history of losses;
- our ability to achieve profitability;
- the risk that we have a limited operating history, have not yet manufactured any non-prototype aircraft or delivered any aircraft to a customer, and we and our current and future collaborators may be unable to successfully develop and market our aircraft or solutions, or may experience significant delays in doing so;
- the ability to meet the development and commercialization schedule with respect to the TriFan 600;
- our ability to secure required certifications for the TriFan 600 and/or any other aircraft we develop;
- our ability to navigate the regulatory environment and complexities with compliance related to such environment;
- the risk that our conditional pre-orders (which include conditional aircraft purchase agreements, non-binding reservations, and options) are canceled, modified, delayed or not placed and that we must return the refundable deposits;
- our ability to obtain adequate financing in the future as needed;
- our ability to continue as a going concern;
- emerging competition and rapidly advancing technologies in our industries that may outpace our technology;
- the risk that other aircraft manufacturers develop competitive VTOL aircraft or other competitive aircraft that adversely affect our market position;
- customer demand for the products and services we develop;
- our ability to develop other new products and technologies;
- our ability to attract customers and/or fulfill customer orders;

- our ability to enhance and maintain the reputation of our brand and expand our customer base;
- our ability to scale in a cost-effective manner and establish, maintain and expand our manufacturing and supply chain relationships;
- our ability to attract, integrate, manage, and retain qualified personnel or key employees;
- our ability to maintain compliance with the continued listing requirements of the Nasdaq Capital Market;
- the risks relating to long development and sales cycles, our ability to satisfy the conditions and deliver on the orders and reservations, our ability to maintain quality control of our aircraft, and our dependence on third parties for supplying components and potentially manufacturing the aircraft;
- the risk that our ability to sell our aircraft may be limited by circumstances beyond our control, such as a shortage of pilots and mechanics who meet the training standards, high maintenance frequencies and costs for the sold aircraft, and any accidents or incidents involving VTOL aircraft that may harm customer confidence;
- general economic conditions and events and the impact they may have on us and our potential customers, including, but not limited to increases in inflation rates and rates of interest, supply chain challenges, increased costs for materials and labor, cybersecurity attacks, other lingering impacts resulting from COVID-19, and the Russia/Ukraine and Middle East conflicts;
- lawsuits and other claims by third parties or investigations by various regulatory agencies that we may be subjected to and are required to report, including but not limited to, the SEC;
- our ability to respond to a failure of our systems and technology to operate our business;
- the risk that our future patent applications may not be approved or may take longer than expected, and that we may incur substantial costs in enforcing and protecting our intellectual property;
- the outcome of any known and unknown litigation and regulatory proceedings;
- the impact of any changes in existing or future tax regimes;
- our success at managing the risks involved in the foregoing items; and
- other factors discussed in this prospectus supplement and the accompanying prospectus.

The risks set forth above are not exhaustive. Other sections of this prospectus supplement, the accompanying prospectus and the documents incorporated herein by reference may include additional factors that could adversely impact our business and financial performance. Moreover, we operate in two very competitive and rapidly changing industries. New risk factors emerge from time to time, and it is not possible for our management to predict all risk factors nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in, or implied by, any forward looking statements. You should read this prospectus supplement, the accompanying prospectus and the documents incorporated herein by reference with the understanding that our actual future results, levels of activity, performance and achievements may be materially different from what we expect. Except as required by law, we undertake no obligation to update publicly any forward looking statements for any reason after the date of this prospectus supplement or to conform these statements to actual results or to changes in our expectations. We qualify all of our forward looking statements by these cautionary statements.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights selected information contained elsewhere in this prospectus supplement, the accompanying base prospectus and in the documents we incorporate by reference herein and therein. This summary does not contain all of the information you should consider before investing in our securities. You should read this entire prospectus supplement and the accompanying prospectus, including the documents incorporated by reference herein and therein, carefully, especially the risks of investing in our securities discussed under “Risk Factors” beginning on page S-6 of this prospectus supplement and the “Risk Factors” section of our most recent Annual Report on Form 10-K and subsequent Quarterly Reports on Form 10-Q. You should also consider any amendment or update to our risk factors reflected in subsequent filings with the SEC, which are incorporated by reference in this prospectus supplement along with our consolidated financial statements and notes to those consolidated financial statements, before making an investment decision.

Overview

We are primarily an aircraft development company. We also provide real-time location systems (“RTLS”) for the industrial sector, which was our focus prior to the closing of the XTI Merger.

Headquartered in Englewood, Colorado, the Company is developing a vertical takeoff and landing (“VTOL”) aircraft that is designed to take off and land like a helicopter and cruise like a fixed-wing business aircraft. We believe our initial configuration, the TriFan 600, will be one of the first civilian fixed-wing VTOL aircraft that offers the speed and comfort of a business aircraft and the range and versatility of VTOL for a wide range of customer applications, including private aviation for business and high net worth individuals, emergency medical services, and regional charter air travel. Since 2013, we have been engaged primarily in developing the aerodynamic performance and top-level engineering design of the TriFan 600, building and testing a two-thirds scale unmanned version of the TriFan 600, generating pre-orders for the TriFan 600, and seeking funds from investors to enable the Company to advance the detailed design and certification of the TriFan 600, and to eventually engage in commercial production and sale of the TriFan 600.

Our RTLS solutions leverage cutting-edge technologies such as IoT, AI, and big data analytics to provide real-time tracking and monitoring of assets, machines, and people within industrial environments. With our RTLS solutions, businesses can achieve improved operational efficiency, enhanced safety and reduced costs. By having real-time visibility into operations, industrial organizations can make informed, data-driven decisions, minimize downtime, and ensure compliance with industry regulations.

We report financial results for two segments: Commercial Aviation and Industrial IoT. For Industrial IoT, we generate revenue from sales of hardware, software licenses and professional services. For Commercial Aviation, the segment is pre-revenue as we are currently developing the TriFan 600 aircraft.

Corporate Strategy

In addition to advancing the design and certification of the TriFan 600 for commercial production and sale, and in order to continue to respond to rapid changes and required technological advancements, increase our opportunities for revenue generation, and increase shareholder value, we are exploring strategic transactions and opportunities that we believe will enhance shareholder value. We are particularly focused on delivering leading, business-focused solutions that seek to shape the future across powered-lift aircraft solutions. Expanding into autonomous, remotely operated drones is key to our strategic vision. By combining drone technology with VTOL innovation, we believe we are positioning XTI to accelerate the development of both unmanned aerial vehicles (UAV) and VTOL solutions, expand its market presence, and create new opportunities across multiple industries. We will also be opportunistic and may consider other strategic and/or attractive transactions, which may include, but not be limited to other alternative investment opportunities, such as minority investments and joint ventures. If we make any acquisitions in the future, we expect that we may pay for such acquisitions with cash, equity securities and/or debt in combinations appropriate for each acquisition. In this regard, in January of this year, we entered into a non-binding memorandum of understanding to acquire a minority equity interest in an AI-powered, autonomous drone company. We may enter into one or more additional non-binding letters of intent in connection with our due diligence and strategic transaction evaluation process. In addition to these strategic initiatives, we also intend to invest in a variety of thought leadership marketing and branding initiatives to increase market visibility and enhance our brand strength and credibility within the powered lift aircraft market.

Corporate Information

We were originally formed in the State of Nevada in April 1999. We have two direct, wholly-owned operating subsidiaries: XTI Aircraft Company, based in Englewood, Colorado (at our corporate headquarters), and Inpixon GmbH (previously Nanotron Technologies GmbH), based in Berlin, Germany. IntraNav GmbH, based in Eschborn, Germany, is an indirect subsidiary of the Company and the wholly-owned subsidiary of Inpixon GmbH.

Our principal executive offices are located at Centennial Airport at 8123 InterPort Blvd., Suite C, Englewood, Colorado 80112. This facility houses our principal executive office, finance, and other administrative activities, although our employees and consultants mostly work remotely. Our engineers are working remotely throughout the United States and Germany. We also sublease office space in Palo Alto, California. Two of our subsidiaries, Inpixon GmbH and IntraNav GmbH, maintain offices in Berlin Germany, and Eschborn, Germany, respectively.

Our telephone number is (800) 680-7412. Our Internet website is www.xtiaerospace.com. The information on, or that can be accessed through, our website is not part of this prospectus supplement, and you should not rely on any such information in making any investment decision relating to our securities.

Recent Developments

Settlement Agreement

On March 27, 2025 (the “Effective Date”), XTI Aerospace, Inc. (the “Company”) entered into a settlement agreement with 3AM Investments LLC (an entity controlled by Nadir Ali (“Ali”), the Company’s former Chief Executive Officer and a former director of the Company) (“3AM”), Grafiti Group LLC (“Grafiti Group”) and Ali (the “Settlement Agreement”). The terms of the Settlement Agreement include:

Preferred Stock Redemption. As previously disclosed, the Company and 3AM entered into that certain securities purchase agreement dated as of March 12, 2024 (the “Series 9 Purchase Agreement”), pursuant to which 3AM acquired 1,500 shares of the Company’s Series 9 Preferred Stock, of which 1,164.12 shares of Series 9 Preferred Stock were issued and outstanding as of March 27, 2025 (the “Outstanding Preferred Stock”). Pursuant to the Settlement Agreement, on the Effective Date, the Company will deliver the aggregate amount of \$1,251,651.26 (the “Series 9 Redemption Amount”) by wire transfer of immediately available funds to an account designated in writing by Ali, for the redemption of the Outstanding Preferred Stock. Following Ali’s receipt of the Series 9 Redemption Amount, Ali will no longer hold any shares of Series 9 Preferred Stock, and shall cooperate with any reasonable request by the Company to execute any document evidencing the transfer of the Outstanding Preferred Stock back to the Company.

Termination of Ali Consulting Agreement. The Settlement Agreement provides that effective as of the Effective Date, that certain Consulting Agreement, dated March 12, 2024 by and between the Company and Ali (the “Ali Consulting Agreement”) is terminated, and in lieu of the \$2,775,000 (the “Ali Advisory Fees”) that would be owed to Ali pursuant to the terms of the Ali Consulting Agreement as a result of the termination of such Ali Consulting Agreement prior to the 15 month anniversary of the effective date thereof, the Company agreed (i) that the aggregate amount of \$1,000,000 (the “Grafiti Purchase Amount”) required to be delivered by Grafiti Group pursuant to that certain Equity Purchase Agreement, dated February 16, 2024, by and among the Company, Grafiti LLC, and Grafiti Group, as amended (the “Equity Purchase Agreement”), shall be deemed to be satisfied in full and no further amounts shall be payable to the Company by Grafiti Group or any of its affiliated parties pursuant to the Equity Purchase Agreement; (ii) to deliver a cash amount of \$60,000 (the “Outstanding Amount”) to Ali by wire transfer of immediately available funds; and (iii) to deliver \$1,500,000 (the “Deferred Amount”) by wire transfer of immediately available funds in three equal installments of \$500,000 (“Installment Amounts”) each on June 30, 2025, September 30, 2025 and December 30, 2025 (the “Deferred Amount Installment Dates”). Any Installment Amount that is not paid by the applicable due dates will be subject to interest at a rate of 18% per annum. Upon payment of the Outstanding Amount and the Deferred Amount in accordance with the terms of the Settlement Agreement, the Ali Advisory Fees shall be deemed to be satisfied in full and no further amounts shall be payable by the Company to Ali or his affiliated parties pursuant to the Ali Consulting Agreement.

Former Management Payments. Pursuant to the Settlement Agreement, the Company agreed to pay the Former Management Payments (as defined below) on the earlier of (a) the closing date of the Company’s next financing transaction and (b) 30 days following the Effective Date of the Settlement Agreement (the “Former Management Payout Deadline”). If for any reason the Former Management Payments are not paid by the Former Management Payout Deadline, subject to a 10 day cure period, the payment of the Deferred Amount in its entirety shall be accelerated and become immediately due and payable. The “Former Management Payments” comprise (i) an aggregate amount of \$803,260.65 (the “Bonus Plan Payment”) that, as of the Effective Date, remains payable to the recipients of bonuses payable pursuant to that certain Transaction Bonus Plan, adopted on July 24, 2023 and as amended (the “Bonus Plan”) together with (ii) an aggregate amount of \$303,372.87 (the “Loundermont Advisory Fee”) that, as of the Effective Date, is payable to Wendy Loundermont, the Company’s former Chief Financial Officer and a former director of the Company (“Loundermont”), pursuant to that certain Consulting Agreement, dated March 12, 2024, by and between the Company and Loundermont (the “Loundermont Consulting Agreement”).

Ali Release. As of the Effective Date, Ali, on behalf of himself and his former and current affiliated entities, including 3AM, Grafiti LLC and Grafiti Group (collectively, the “Ali Parties”) agreed to release the Company and each of its former and current subsidiaries, divisions, affiliates, predecessors, successors, assigns, and its and their respective employees, officers, directors, shareholders, members, partners, trustees, joint venturers, attorneys, agents, and representatives (collectively, the “XTI Parties”), from and with respect to any and all claims, demands, causes of action, damages, obligations, liabilities, costs, and expenses of any kind or nature whatsoever (collectively, “Ali Claims”), arising out of any obligations of the Company with respect to the Ali Consulting Agreement, the Series 9 Purchase Agreement and the portion of the Bonus Plan relating to Ali, whether known or unknown, foreseen or unforeseen, that the Ali Parties, or any of them, ever had, now have, or may have against the XTI Parties, or any of them, from the beginning of time through and including the Completion Date (as defined below). As used in the Settlement Agreement, the term “Completion Date” means the date on which the Company has delivered (i) the Series 9 Redemption Amount to Ali by wire transfer of immediately available funds; (ii) the Deferred Amount to Ali by wire transfer of immediately available funds; (iii) the Outstanding Amount to Ali by wire transfer of immediately available funds; (iv) the Former Management Payments to Loundermont and the recipients of the Bonus Plan Payments by wire transfer of immediately available funds.

XTI Release. As of the Effective Date, the XTI Parties agreed to release the Ali Parties from and with respect to any and all claims, demands, causes of action, damages, obligations, liabilities, costs, and expenses of any kind or nature whatsoever (collectively, “XTI Claims”), arising out of any obligations of the Ali Parties with respect to any obligation of the Ali Parties in connection with the payment of the purchase price as set forth in the Equity Purchase Agreement, the Ali Consulting Agreement, the Series 9 Purchase Agreement and the portion of the Bonus Plan relating to Ali, whether known or unknown, foreseen or unforeseen, that the XTI Parties, or any of them, ever had, now have, or may have against the Ali Parties, or any of them, from the beginning of time through and including the Completion Date.

Entire Agreement. The Settlement Agreement provides that it supersedes any prior consents or agreements regarding the allocation of financing proceeds for the payment of any obligations of the Company described in the Settlement Agreement.

Share Repurchase Program

On March 18, 2025, we issued a press release announcing that our board of directors authorized a share repurchase program to acquire up to \$5 million of our common stock. We may purchase common stock by way of open market transactions, through privately negotiated transactions, or by other means including through the use of trading plans intended to qualify under Rule 10b-18 under the Exchange Act, in accordance with applicable securities laws and other restrictions. The timing, total value of stock repurchases, and aggregate number of shares repurchased will depend upon business, economic and market conditions, corporate and regulatory requirements, prevailing stock prices, and other considerations. The share repurchase program has an initial term of 12 months, which may be extended to 18 months. The share repurchase program may be suspended or discontinued at any time and does not obligate us to acquire any amount of common stock.

January 2025 Financing

On January 7, 2025, we entered into a placement agency agreement with ThinkEquity LLC, as placement agent, pursuant to which we agreed to issue and sell directly to various investors, in a best efforts public offering, an aggregate of 1,454,546 shares of common stock at an offering price of \$13.75 per share. The offering closed on January 10, 2025, following the effectiveness of the 1-for-250 reverse stock split of our outstanding common stock on the same date, which was a condition to the closing of the offering. We received net proceeds of approximately \$18.3 million from the offering. As part of its compensation for acting as placement agent for the offering, we issued ThinkEquity LLC warrants to purchase 72,727 shares of common stock, which were exercisable commencing January 10, 2025, expire January 8, 2030 and have an exercise price of \$17.1875 per share.

In connection with such offering, on January 9, 2025, we obtained an amended and restated limited waiver (the “Maxim Waiver”) from Maxim Group LLC of their right of first refusal granted to them by us (the “Maxim ROFR”) pursuant to the terms of that certain advisory engagement agreement, between us and Maxim, dated May 16, 2023, as amended (the “Maxim Engagement Agreement”). Pursuant to the Maxim Waiver, Maxim agreed, on a one-time basis, not to exercise the Maxim ROFR in connection with the January 2025 offering and was paid a \$525,000 cash fee upon the closing of such offering.

Compliance with Nasdaq Continued Listing Requirements

On February 11, 2025, we received a letter from The Nasdaq Stock Market LLC (“Nasdaq”) confirming that we have regained compliance with the minimum bid price requirement set forth under Nasdaq Listing Rule 5550(a)(2), and accordingly, the Nasdaq Hearings Panel has determined to continue the listing of our common stock on Nasdaq.

Estimated Preliminary Operational Results for the Fourth Quarter and Year Ended December 31, 2024

We are currently in the process of finalizing our consolidated financial results for our fourth quarter and year ended December 31, 2024 and, therefore, our actual results for these periods are not yet available and have not been audited. Presented below are certain estimated preliminary operational results for the fourth quarter and year ended December 31, 2024 that are subject to change pending finalization. As such, our actual results may differ materially from the estimated preliminary results presented in this prospectus supplement and will not be finalized until after we complete our normal year-end accounting procedures, which will occur after the consummation of this offering. Our preliminary results set forth below reflect management’s best estimate of the impact of events during the year and are based on the information currently available to us as of the date of this prospectus supplement.

Accordingly, undue reliance should not be placed on these preliminary estimates. These preliminary estimates are not necessarily indicative of any future period and should be read together with the sections titled “Cautionary Note Regarding Forward-Looking Statements” and “Risk Factors” and under similar headings in the documents incorporated by reference into this prospectus supplement and the accompanying prospectus as well as our financial statements, related notes and other financial information incorporated by reference into this prospectus supplement.

We estimate our total revenue for the three months and year ended December 31, 2024, to be approximately \$1.0 million and \$3.2 million, respectively. We estimate our operating expenses for the three months and year ended December 31, 2024, to be approximately \$10.6 million and to \$38.9 million, respectively. We estimate our cash and cash equivalents and outstanding debt balance as of December 31, 2024, to be approximately \$4.1 million and \$2.7 million, respectively.

Additionally, we estimate our cash and cash equivalents and outstanding debt balance (including accrued interest and monitoring fees on the Notes (as defined below)) as of the date of this prospectus supplement to be approximately \$8.9 million and \$2.4 million, respectively.

THE OFFERING

Shares of common stock offered	765,200 shares of our common stock.
Pre-funded Warrants offered	We are also offering pre-funded warrants to purchase up to an aggregate of 2,176,000 shares of common stock (“Pre-funded Warrants”), in lieu of shares of common stock to those purchasers whose purchase of shares of our common stock in this offering would otherwise result in the purchaser, together with its affiliates and certain related parties, beneficially owning more than 4.99% (or, at the election of the purchaser, 9.99%) of our outstanding shares of common stock immediately following the consummation of this offering. The purchase price of each Pre-funded Warrant is equal to the price at which the share of common stock is being sold to the public in this offering, minus \$0.001, and the exercise price of each Pre-funded Warrant is \$0.001 per share. The Pre-funded Warrants are exercisable immediately and may be exercised at any time until all of the Pre-funded Warrants are exercised in full. This prospectus supplement also relates to the offering of the common stock issuable upon exercise of the Pre-funded Warrants. For additional information regarding the terms of the Pre-funded Warrants, see “Description of Securities We Are Offering.”
Common Warrants offered	We are also offering Common Warrants to purchase up to 2,941,200 shares of common stock. The exercise price of each Common Warrant will be \$1.36 per share. Each Common Warrant will be immediately exercisable upon issuance for a five-year period after the date of issuance. This prospectus supplement also relates to the offering of the common stock issuable upon exercise of such Common Warrants. For additional information regarding the terms of the Common Warrants, see “Description of Securities We Are Offering.”
Public Offering Price	\$1.36 per share of common stock (\$1.359 per Pre-funded Warrant). The Common Warrants will be issued on a one-for-one basis with the shares of common stock and Pre-funded Warrants sold in this offering. The shares of our common stock (or Pre-funded Warrants) and the Common Warrants are immediately separable and will be issued separately, but will be purchased together in this offering.
Common stock outstanding following this Offering⁽¹⁾	6,663,540 shares of our common stock, assuming the full exercise of the Pre-funded Warrants.
Use of proceeds	<p>We estimate that our net proceeds from this offering will be approximately \$3.3 million, after deducting the underwriting discounts and commissions and estimated offering expenses payable by us, and assuming full exercise of the Pre-funded Warrants.</p> <p>We intend to use the net proceeds from this offering for working capital and other general corporate purposes. We intend to use a portion of the net proceeds from this offering to repay in full all amounts outstanding in respect of certain outstanding secured promissory notes. See “Use of Proceeds” for a more complete description of the intended use of proceeds from this offering.</p>
Lock-Up Agreements	We have agreed with the underwriters not to sell, transfer or dispose of any shares or similar securities for, with respect to the Company, a period of 60 days from the date of this prospectus supplement, and with respect to our executive officers and directors, a period of 90 days from the date of this prospectus supplement.

Risk factors

An investment in our company involves a high degree of risk. Please refer to the sections titled “Risk Factors,” “Cautionary Note Regarding Forward-Looking Statements” and other information included or incorporated by reference in this prospectus supplement and the accompanying prospectus for a discussion of factors you should carefully consider before investing our securities.

Nasdaq Capital Market symbol

Our common stock is listed on The Nasdaq Capital Market under the symbol “XTIA.”

There is no established trading market for the Warrants, and we do not expect a trading market to develop. We do not intend to list the Warrants on any securities exchange or nationally recognized trading system.

(1) The number of shares of common stock that will be outstanding after this offering is based on 3,722,340 shares of common stock outstanding as of March 26, 2025, assumes no exercise of any Common Warrants offered hereby and no sale of any Pre-funded Warrants offered hereby, and excludes as of such date:

- 49,710 shares of common stock issuable upon the exercise of outstanding stock options at a weighted average exercise price of \$425.88 per share;
- 73,855 shares of common stock issuable upon the exercise of outstanding warrants at a weighted average exercise price of \$327.63 per share;
- 72,942,981 shares of common stock available for future issuance under our 2018 Employee Stock Incentive Plan and any other additional shares of our common stock that may become available under our 2018 Employee Stock Incentive Plan;
- 1 share of common stock issuable upon the conversion of 1 outstanding share of Series 4 Convertible Preferred Stock, at a conversion price of \$418,500,000 per share; and
- 1 share of common stock issuable upon conversion of 126 outstanding shares of Series 5 Convertible Preferred Stock, at a conversion price of \$280,968,750 per share.

Unless otherwise indicated, this prospectus reflects and assumes the following:

- no exercise of outstanding options or warrants;
- no sale of any Pre-funded Warrants in this proposed offering;
- no exercise of the Common Warrants issued and sold in this offering; and
- no exercise of the representative’s warrants to be issued upon consummation of this offering at an exercise price equal to 125% of the offering price of the common stock.

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before making an investment decision, you should carefully consider the risks described below, as well as the other information in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. Our business, prospects, financial condition, or operating results could be harmed by any of these risks, as well as other risks not currently known to us or that we currently consider immaterial. If any such risks or uncertainties actually occur, our business, prospects, financial condition or operating results could differ materially from the plans, projections and other forward-looking statements included in the section titled “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our Annual Report on [Form 10-K](#) for the fiscal year December 31, 2023, our Quarterly Report on [Form 10-Q](#) for the quarterly period ended March 31, 2024, our Quarterly Report on [Form 10-Q](#) for the quarterly period ended June 30, 2024, and our Quarterly Report on [Form 10-Q](#) for the quarterly period ended September 30, 2024, and in the “[Management’s Discussion and Analysis of Financial Condition and Results of Operations of Legacy XTL for the years ended December 31, 2023 and 2022](#)” exhibit attached to our Current Report on Form 8-K/A filed with the SEC on May 28, 2024, incorporated by reference into this prospectus supplement and the accompanying prospectus. The trading price of our common stock could decline significantly due to any of these risks or other factors, and as a result, you may lose all or part of your investment.

Risks Related to our Common Stock, this Offering and Our Business

Since we have broad discretion in how we use the proceeds from this offering, we may use the proceeds in ways with which you disagree.

We have only allocated a small portion of the net proceeds of this offering as set forth under “Use of Proceeds.” Accordingly, our management will have flexibility in applying the net proceeds of this offering. You will be relying on the judgment of our management with regard to the use of these net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. It is possible that the net proceeds will be invested in a way that does not yield a favorable, or any, return for us. The failure of our management to use such funds effectively could have a material adverse effect on our business, financial condition, operating results and cash flow.

As a result of our failure to timely file a Current Report on Form 8-K, upon the filing of our Annual Report on Form 10-K for the year ended December 31, 2024, we will be ineligible to file new short form registration statements on Form S-3 or to use the registration statement of which this prospectus forms a part until August 1, 2025, which would impair a Warrant holder’s ability to exercise his, her or its Warrants pursuant to the registration statement of which this prospectus forms a part, which may cause such Warrants to expire worthless.

As a result of our failure to timely file a Current Report on Form 8-K, upon the filing of our Annual Report on Form 10-K for the year ended December 31, 2024, we will be ineligible to file new short form registration statements on Form S-3 or to use the registration statement of which this prospectus forms a part (the “Current Shelf Registration Statement”) until no earlier than August 1, 2025. As a result, the Current Shelf Registration Statement will not be available for the issuance of shares of our common stock upon the exercise of the Warrants, so you may not be able to exercise such Warrants following the filing of our Annual Report on Form 10-K for the year ended December 31, 2024 until such time that there is an effective registration statement available for the issuance of the underlying shares, or if there is an exemption from the registration requirements of the Securities Act. Pursuant to the terms of the Warrants, we have agreed to file a registration statement covering the issuance of the shares issuable upon exercise of the Warrants within 10 calendar days after their issuance date and use our best efforts to have it declared effective under the Securities Act by the 45th calendar day following the issuance date of the Warrants (or, in the event of a “full review” by the SEC, the 60th calendar day following the issuance date of the Warrants). We cannot assure you that we will be able to file a registration statement or have it declared effective as anticipated. If a registration statement relating to the shares issuable upon exercise of the Warrants is not effective and available for use, the Warrants may have no value, you will not be able to exercise such Warrants unless an exemption from registration is available, the market for such Warrants may be limited, and such Warrants may expire worthless.

The Nasdaq Capital Market may seek to delist our common stock if it concludes this offering does not qualify as a Public Offering as defined under Nasdaq's stockholder approval rule.

The continued listing of our common stock on The Nasdaq Capital Market depends on our compliance with the requirements for continued listing under the Nasdaq Marketplace Rules, including but not limited to Market Place Rule 5635, or the stockholder approval rule. The stockholder approval rule prohibits the issuance of shares of common stock (or derivatives) in excess of 20% of our outstanding shares of common stock without stockholder approval, unless those shares are sold at a price that equals or exceeds the Minimum Price, as defined in the stockholder approval rule, or in what Nasdaq deems a Public Offering, as defined in the stockholder approval rule. The securities sold in this offering may be sold at a significant discount to the Minimum Price as defined in the stockholder approval rule, and we do not intend to obtain the approval of our stockholders for the issuance of the securities in this offering. Accordingly, we have sought to conduct, and plan to continue to conduct, this offering as a Public Offering as defined in the stockholder approval rule, which is a qualitative analysis based on several factors as determined by Nasdaq, including by broadly marketing and offering these securities in a firm commitment underwritten offering registered under the Securities Act. Demand for the securities sold by us in this offering, and the final offering price for these securities, will be determined following a broad public marketing effort over several trading days, and final distribution of these securities will ultimately be determined by the underwriter. Nasdaq has also published guidance that an offering of securities that are "deeply discounted" to the Minimum Price (for example a discount of 50% or more) will typically preclude a determination that the offering qualifies as Public Offering for purposes of the stockholder approval rule. We cannot assure you that Nasdaq will determine that this offering will be deemed a Public Offering under the stockholder approval rule. If Nasdaq determines that this offering was not conducted in compliance with the stockholder approval rule, Nasdaq may cite a deficiency and move to delist our common stock from The Nasdaq Capital Market. Upon a delisting from The Nasdaq Capital Market, our stock would likely be traded in the over-the-counter inter-dealer quotation system, more commonly known as the OTC. OTC transactions involve risks in addition to those associated with transactions in securities traded on the securities exchanges, such as The Nasdaq Capital Market, or, together, Exchange-listed stocks. Many OTC stocks trade less frequently and in smaller volumes than Exchange-listed stocks. Accordingly, our stock would be less liquid than it would be otherwise. Also, the prices of OTC stocks are often more volatile than Exchange-listed stocks. Additionally, institutional investors are usually prohibited from investing in OTC stocks, and it might be more challenging to raise capital when needed.

Sales of a substantial number of our shares of common stock in the public markets, or the perception that such sales could occur, could cause our stock price to fall.

We may issue and sell additional shares of common stock in the public markets, including during this offering. As a result, a substantial number of our shares of common stock may be sold in the public market. Sales of a substantial number of our shares of common stock in the public markets, including in connection with this offering, or the perception that such sales could occur, could depress the market price of our common stock and impair our ability to raise capital through the sale of additional equity securities.

Our stock price is volatile, and your investment may suffer a decline in value.

The closing market price for our common stock has varied between a high of \$1,147.50 on April 3, 2024, and a low of \$2.38 on March 21, 2025, in the twelve-month period ended March 26, 2025. During this time, the price per share of common stock has ranged from an intra-day low of \$2.30 per share to an intra-day high of \$1,270 per share. As a result of fluctuations in the price of our common stock, you may be unable to sell your shares at or above the price you paid for them. The market price of our common stock is likely to continue to be volatile and subject to significant price and volume fluctuations in response to market, industry and other factors, including the risk factors described under the section captioned "Risk Factors" contained in our Annual Report on Form 10-K for the year ended December 31, 2023, and our Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2024, June 30, 2024 and September 30, 2024, all of which are incorporated by reference in this prospectus supplement in their entirety. The market price of our common stock may also be dependent upon the valuations and recommendations of the analysts who may in the future cover our business. If the results of our business do not meet these analysts' forecasts, the expectations of investors or the financial guidance we provide to investors in any period, the market price of our common stock could decline.

In addition, the stock markets in general have experienced significant volatility that has often been unrelated to the financial condition or results of operations of particular companies. These broad market fluctuations may adversely affect the trading price of our common stock and, consequently, adversely affect the price at which you could sell the shares that you purchase in this offering. In the past, following periods of volatility in the market or significant price declines, securities class-action litigation has often been instituted against companies. Such litigation, if instituted against us, could result in substantial costs and diversion of management's attention and resources, which could materially and adversely affect our business, financial condition, results of operations and growth prospects.

Our ability to successfully execute our business plan will require additional debt or equity financing, which may otherwise not be available on reasonable terms or at all.

Based on our current business plan, we will need additional capital to support our operations, which may be satisfied with additional debt or equity financings. To the extent that we raise additional capital by issuing equity securities, such an issuance may cause significant dilution to our stockholders' ownership and the terms of any new equity securities may have preferences over our common stock. Any debt financing that we enter into may involve covenants that restrict our operations. These restrictive covenants may include limitations on additional borrowing and specific restrictions on the use of our assets, as well as prohibitions on our ability to create liens, pay dividends, redeem its stock or make investments. These restrictive covenants could deter or prevent us from raising additional capital as and when needed. In addition, if we raise additional funds through licensing, partnering or other strategic arrangements, it may be necessary to relinquish rights to some of our technologies and proprietary rights, or grant licenses on terms that are not favorable to us. We have issued, and may in the future issue, incentive awards under our equity incentive plans, which may have additional dilutive effects. We may also be required to recognize non-cash expenses in connection with certain securities we may issue in the future such as convertible notes and warrants, which would adversely impact our financial condition and results of operations.

Our ability to obtain needed financing may be impaired by factors, including the condition of the economy and capital markets, both generally and specifically in our industry, and the fact that we are neither cash flow positive nor profitable, which could affect the availability or cost of future financing. We cannot provide any assurances that we will be able to secure additional funding from public or private offerings or debt financings on terms acceptable to us, if at all. If the amount of capital we are able to raise from financing activities, together with our limited revenues from operations, is not sufficient to satisfy our capital needs, we may need to reduce our operations by, for example, selling certain assets or business segments.

Future issuances or sales, or the potential for future issuances or sales, of our common stock may cause the market price of our common stock to decline and could impair our ability to raise capital through subsequent equity offerings.

We have issued a significant number of our common stock and may do so in the future. Future sales of our common stock or other securities, or the perception that these sales may occur, could cause the market price of our common stock to decline, and could materially impair our ability to raise capital through the sale of additional securities. The market price of our common stock could decline due to sales, or the announcements of proposed sales, of a large number of common stock in the market, or the perception that these sales could occur. These sales or the perception that these sales could occur could also depress the market price of our common stock and impair our ability to raise capital through the sale of additional equity securities or make it more difficult or impossible for us to sell equity securities in the future at a time and price that we deem appropriate. We cannot predict the effect that future sales of common stock or other equity-related securities would have on the market price of our common stock.

Our failure to maintain compliance with the continued listing requirements of the Nasdaq Capital Market may result in our common stock being delisted from the Nasdaq Capital Market, which could negatively impact the price of our common stock, liquidity, our ability to access the capital markets and our stockholders' ability to sell their shares.

Our common stock is currently listed on the Nasdaq Capital Market ("Nasdaq") under the symbol "XTIA." The listing standards of Nasdaq provide that a company, in order to qualify for continued listing, must maintain a minimum stock price of \$1.00 and satisfy standards relative to minimum stockholders' equity, minimum market value of publicly held shares and various additional requirements. While our common stock is currently listed on Nasdaq, we can give no assurance that we will be able to maintain compliance with the continued listing requirements for Nasdaq. If we fail to maintain compliance with any such continued listing requirement, there can also be no assurance that we will be able to regain compliance with any such continued listing requirement in the future or that our common stock will not be delisted in the future. If Nasdaq delists our securities from trading on its exchange for failure to meet the listing standards, we and our stockholders could face significant negative consequences including:

- limited availability of market quotations for our securities;
- a determination that the common stock is a "penny stock" which would require brokers trading in the common stock to adhere to more stringent rules, possibly resulting in a reduced level of trading activity in the secondary trading market for shares of common stock;
- a low probability that analysts will cover the Company in the future; and
- a decreased ability to issue additional securities or obtain additional financing in the future.

Delisting from Nasdaq could also result in other negative consequences, including the potential loss of confidence by suppliers, customers and employees, the loss of institutional investor interest and fewer business development opportunities.

If our shares of common stock lose their status on Nasdaq, we believe that they would likely be eligible to be quoted on the inter-dealer electronic quotation and trading system operated by OTC Markets Group Inc., commonly referred to as the Pink Open Market and we may also qualify to be traded on their OTCQB market (The Venture Market). These markets are generally not considered to be as efficient as, and not as broad as, Nasdaq. Selling our shares on these markets could be more difficult because smaller quantities of shares would likely be bought and sold, and transactions could be delayed. In addition, in the event our shares are delisted, broker-dealers have certain regulatory burdens imposed upon them, which may discourage broker-dealers from effecting transactions in our common stock or even holding our common stock, further limiting the liquidity of our common stock. These factors could result in lower prices and larger spreads in the bid and ask prices for our common stock.

Our stockholders may experience substantial dilution in the value of their investment if we issue additional shares of our capital stock.

Our articles of incorporation allows us to issue up to 500,000,000 shares of our common stock, par value \$0.001 per share, and to issue and designate the rights of, without stockholder approval, up to 5,000,000 shares of preferred stock, par value \$0.001 per share. To raise additional capital, we may in the future sell additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that are lower than the prices paid by existing stockholders, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders, which could result in substantial dilution to the interests of existing stockholders. The market price of our common stock could decline as a result of sales of common stock or securities that are convertible into or exchangeable for, or that represent the right to receive common stock or the perception that such sales could occur.

In addition, to the extent that outstanding stock options or warrants have been or may be exercised or preferred stock converted or other shares issued, stockholders may experience further dilution.

We may issue debt and equity securities or securities convertible into equity securities, any of which may be senior to our common stock as to distributions and in liquidation, which could negatively affect the value of our common stock.

In the future, we may attempt to increase our capital resources by entering into debt or debt-like financing that is unsecured or secured by up to all of our assets, or by issuing additional debt or equity securities, which could include issuances of secured or unsecured commercial paper, medium-term notes, senior notes, subordinated notes, guarantees, preferred stock, hybrid securities, or securities convertible into or exchangeable for equity securities. In the event of our liquidation, our lenders and holders of our debt and preferred securities would receive distributions of our available assets before distributions to the holders of our common stock. Because our decision to incur debt and issue securities in future offerings may be influenced by market conditions and other factors beyond our control, we cannot predict or estimate the amount, timing or nature of our future offerings or debt financings. Further, market conditions could require us to accept less favorable terms for the issuance of our securities in the future.

If our common stock is delisted, market liquidity for our common stock could be severely affected and our stockholders' ability to sell their shares of our common stock could be limited. A delisting of our common stock from Nasdaq would negatively affect the value of our common stock. A delisting of our common stock could also adversely affect our ability to obtain financing for our operations and could result in the loss of confidence in our company.

If our common stock becomes subject to the penny stock rules, it would become more difficult to trade our shares.

The SEC has adopted rules that regulate broker-dealer practices in connection with transactions in penny stocks. Penny stocks are generally equity securities with a price of less than \$5.00, other than securities registered on certain national securities exchanges or authorized for quotation on certain automated quotation systems, provided that current price and volume information with respect to transactions in such securities is provided by the exchange or system. If we do not retain a listing on the Nasdaq Capital Market, and if the price of our common stock is less than \$5.00, our common stock will be deemed a penny stock. The penny stock rules require a broker-dealer, before a transaction in a penny stock not otherwise exempt from those rules, to deliver a standardized risk disclosure document containing specified information. In addition, the penny stock rules require that before effecting any transaction in a penny stock not otherwise exempt from those rules, a broker-dealer must make a special written determination that the penny stock is a suitable investment for the purchaser and receive (i) the purchaser's written acknowledgment of the receipt of a risk disclosure statement; (ii) a written agreement to transactions involving penny stocks; and (iii) a signed and dated copy of a written suitability statement. These disclosure requirements may have the effect of reducing the trading activity in the secondary market for our common stock, and therefore stockholders may have difficulty selling their shares.

There is no public market for the Warrants being offered in this offering, and we do not expect a market to develop for the Warrants.

There is no established public trading market for the Warrants being offered in this offering, and we do not expect a market to develop. In addition, we do not intend to apply to list the Warrants on any national securities exchange or other nationally recognized trading system. Without an active market, the liquidity of the Warrants will be limited. Further, the existence of the Warrants may act to reduce both the trading volume and the trading price of our common stock.

The Warrants are speculative in nature.

Until holders of Warrants acquire our common stock upon exercise of the Warrants, holders of Warrants will have no rights with respect to our common stock underlying such Warrants. Upon exercise of the Warrants, the holders will be entitled to exercise the rights of a stockholder of our common stock only as to matters for which the record date occurs after the exercise date.

Moreover, following this offering, the market value of the Warrants is uncertain. There can be no assurance that the market price of our common stock will ever equal or exceed the price of the Warrants, and, consequently, whether it will ever be profitable for investors to exercise their Warrants.

We will not receive any meaningful amount of additional funds upon the exercise of the Pre-funded Warrants.

Each Pre-funded Warrant will be exercisable until it is fully exercised and by means of payment of the nominal cash purchase price upon exercise or through a "cashless exercise" procedure. Accordingly, we will not receive any meaningful additional funds upon the exercise of the Pre-funded Warrants.

Significant holders or beneficial holders of shares of our common stock may not be permitted to exercise the Warrants that they hold.

A holder of the Warrants will not be entitled to exercise any portion of any Warrant that, upon giving effect to such exercise, would cause the aggregate number of shares of our common stock beneficially owned by such holder (together with its affiliates) to exceed 4.99% (or 9.99% at the election of the holder) of the number of shares of our common stock immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Warrants. As a result, you may not be able to exercise your Warrants for shares of our common stock at a time when it would be financially beneficial for you to do so. In such a circumstance, you could seek to sell your Warrants to realize value, but you may be unable to do so in the absence of an established trading market and due to applicable transfer restrictions.

Adverse judgments or settlements in legal proceedings could materially harm our business, financial condition, operating results and cash flows.

We may be a party to claims that arise from time to time in the ordinary course of our business, which may include those related to, for example, our securities offerings, contracts, sub-contracts, protection of confidential information or trade secrets, adversary proceedings arising from customer bankruptcies, employment of our workforce and immigration requirements or compliance with any of a wide array of state and federal statutes, rules and regulations that pertain to different aspects of our business.

Additionally, we are and we may be made a party to future claims relating to the XTI Merger. On December 6, 2023, Xeriant, Inc. (“Xeriant”) filed a complaint against Legacy XTI, along with two unnamed companies and five unnamed persons, in the United States District Court for the Southern District of New York. On January 31, 2024, Xeriant filed an amended complaint, which added us as a defendant. On February 2, 2024, the Court ordered Xeriant to show cause as to why the amended complaint should not be dismissed without prejudice for lack of subject matter jurisdiction. On February 29, 2024, Xeriant filed a second amended complaint, which removed us and one of the unnamed companies as defendants. The second amended complaint alleges that Legacy XTI, through multiple breaches and fraudulent actions, has caused substantial harm to Xeriant and has prevented it from obtaining compensation owed to it under various agreements entered into between Xeriant and Legacy XTI, including but not limited to a joint venture agreement, a cross-patent license agreement, an operating agreement, and a letter dated May 17, 2022 (the “May 17 letter”) arising from Xeriant’s introducing Legacy XTI to a Nasdaq-listed company as a potential acquirer of Legacy XTI. In particular, Xeriant contends that Legacy XTI gained substantial advantages from the intellectual property, expertise, and capital deployed by Xeriant in the design and development of Legacy XTI’s TriFan 600 aircraft yet has excluded Xeriant from the transaction involving the TriFan 600 technology in its merger with us, which has resulted in a breach of the May 17 letter, in addition to the other aforementioned agreements. Xeriant, in the second amended complaint, asserts the following causes of action: (1) breach of contract; (2) intentional fraud; (3) fraudulent concealment; (4) quantum meruit; (5) unjust enrichment; (6) unfair competition/deceptive business practices; and (7) misappropriation of confidential information, and seeks damages in excess of \$500 million, injunctive relief enjoining us from engaging in any further misconduct, the imposition of a royalty obligation, and such other relief as deemed appropriate by the court. On March 13, 2024, Legacy XTI moved for partial dismissal of the second amended complaint. On January 14, 2025, the Court denied Legacy XTI’s motion to dismiss the complaint. On January 28, 2025, Legacy XTI filed an answer to the second amended complaint. On January 28, 2025, Legacy XTI filed an amended answer and counterclaims against Xeriant. The counterclaims assert that Xeriant (1) breached the joint venture agreement by failing to pay \$4,600,000 to fund development of the TriFan 600 technology, and (2) breached its fiduciary duty to XTI by engaging in bad faith, coercion, and self-dealing, including by appropriating material information for its own use and concealing from Legacy XTI the identity of a potential strategic partner. On March 18, 2025, Xeriant moved for dismissal of Legacy XTI’s counterclaims. The case is in its early stages of discovery and we are unable to estimate the likelihood or magnitude of a potential adverse judgment. Legacy XTI nevertheless denies the allegations of wrongdoing contained in the second amended complaint and is vigorously defending against the lawsuit.

In connection with the litigation matter described in the immediately preceding paragraph, on June 12, 2024, we received a letter from counsel for Auctus Fund, LLC (“Auctus”), dated April 3, 2024, claiming that, pursuant to the above-referenced May 17 letter by and between Xeriant and Legacy XTI, as a result of the XTI Merger and Legacy XTI’s entry into a promissory note agreement with Legacy Inpixon in March 2023, XTI Aerospace and Legacy XTI may have assumed Xeriant’s obligations under that certain Senior Secured Promissory Note in the principal amount of \$6,050,000 issued by Xeriant to Auctus, including the obligation to repay Auctus all principal and accrued and unpaid interest thereunder, which Auctus claims was \$8,435,008.81 as of April 3, 2024. In July 2024, Legacy XTI responded to such letter and indicated that it believes that the May 17 letter is invalid and unenforceable on several bases. It further explained that even if it were valid and enforceable, Legacy XTI does not believe such letter resulted in, or otherwise triggered, the assumption of obligations of Xeriant under the Senior Secured Promissory Note or any other obligation on the part of Legacy XTI. There have been no further developments on this matter. We are unable to make a reasonable estimate of a potential loss, if any, on this matter. To the extent suits or actions are commenced with respect to this matter, we intend to vigorously defend against any and all claims.

On or about August 1, 2024, Chardan Capital Markets LLC (“Chardan”) commenced an arbitration (the “Arbitration”) before the Financial Industry Regulatory Authority (“FINRA”) against XTI Aerospace, Inc. and Legacy XTI. Legacy XTI and Chardan are parties to an engagement letter agreement (the “Agreement”). In the Arbitration, Chardan alleges that XTI Aerospace, Inc. is bound by the Agreement even though it did not sign the Agreement, which XTI Aerospace, Inc. denies. Chardan further alleges that Legacy XTI and XTI Aerospace, Inc. breached the Agreement by not making certain payments to Chardan. Chardan also seeks to recover unspecified amounts relating to an alleged right of first refusal to perform banking services that the Company supposedly did not honor, including with respect to the Company’s ATM with Maxim Group LLC and other public offerings of securities. XTI Aerospace, Inc. and Legacy XTI deny that Chardan performed its duties under the Agreement and otherwise that Chardan is owed any sums under the Agreement. XTI Aerospace, Inc. filed a petition in the U.S. District Court for the Southern District of New York (the “Court”) seeking to stay the Arbitration to the extent that it has been asserted against XTI Aerospace, Inc. On or about January 21, 2025, the Court entered a final judgment that: (a) enjoins Chardan from prosecuting the Arbitration against XTI Aerospace, Inc. and (b) declares that XTI Aerospace, Inc. has no contractual or other duty to arbitrate with Chardan. Legacy XTI remains as a party to the arbitration and intends to defend against the Arbitration vigorously.

Regardless of the merits of any particular claim, responding to such actions could divert time, resources and management’s attention away from our business operations, and we may incur significant expenses in defending these lawsuits or other similar lawsuits. The results of litigation and other legal proceedings are inherently uncertain, and adverse judgments or settlements in some of these legal disputes may result in adverse monetary damages, penalties or injunctive relief against us, which could have a material adverse effect on our financial condition, operating results and cash flows. Any claims or litigation, even if fully indemnified or insured, could damage our reputation and make it more difficult to compete effectively or to obtain adequate insurance in the future.

Furthermore, while we maintain insurance for certain potential liabilities, such insurance does not cover all types and amounts of potential liabilities and is subject to various exclusions as well as deductibles and caps on amounts of coverage. Even if we believe a claim is covered by insurance, insurers may dispute our entitlement to coverage for a variety of potential reasons, which may affect the timing and, if the insurers prevail, the amount of our available insurance coverage for a particular claim.

We may also be required to initiate expensive litigation or other proceedings to protect our business interests. There is a risk that we will not be successful or otherwise be able to satisfactorily resolve such claims or litigation. Litigation and other legal claims are subject to inherent uncertainties. Those uncertainties include, but are not limited to, litigation costs and attorneys’ fees, unpredictable judicial or jury decisions and the differing laws and judicial proclivities regarding damage awards among the states in which we operate. Unexpected outcomes in such legal proceedings, or changes in management’s evaluation or predictions of the likely outcomes of such proceedings, could have a material adverse effect on our business, financial condition, results of operations and cash flows. Our current financial status may increase our default and litigation risks and may make us more financially vulnerable in the face of threatened litigation.

The pre-orders we have received for our aircraft are non-binding, conditional or written expressions of interest and may be terminated at any time prior to execution of a definitive purchase agreement. If these pre-orders are cancelled, modified, delayed or not placed in accordance with the terms agreed with each party, our business, results of operations, liquidity and cash flow will be materially adversely affected.

We previously had a pre-sales program that included refundable deposits for the TriFan 600 aircraft. Most pre-orders do not include deposits. Pre-sale agreements generally provide customers a delivery slot for their aircraft. The deposits we have received do not create an obligation on the part of the customer to purchase an aircraft, and a customer may request the full return of its refundable deposit. Most pre-orders are subject to the execution of a definitive purchase agreement between us and each party that contains the final terms for the purchase of our aircraft, including, but not limited to, the final number of aircraft to be purchased and the timing for delivery of the aircraft. Some or most customers might not transition to non-refundable purchase contracts until prior to aircraft delivery, if at all. Aircraft customers might respond to weak economic conditions or competitive alternatives in the market by canceling orders, resulting in lower demand for our aircraft and other materials, such as parts, services, and training, from which we expect to generate additional revenue. Customers’ request for a return of their refundable deposits could have a material adverse effect on our financial results and/or liquidity, including, but not limited to, the possibility that we may be financially unable to return such deposits.

USE OF PROCEEDS

We estimate that the net proceeds from the sale of our common stock and/or Pre-funded Warrants and accompanying Common Warrants in this offering will be approximately \$3.3 million, after deducting underwriting discounts and commissions and estimated offering expenses payable by us, and excluding the proceeds we may receive from any exercises of the Common Warrants or the Representative's Warrants.

We currently expect to use the net proceeds from this offering for working capital and other general corporate purposes. We also intend to use a portion of the net proceeds from this offering, approximately \$2.7 million, to repay in full all amounts outstanding, including a 115% prepayment penalty, in respect of two secured promissory notes (the "Notes") issued by the Company to Streeterville Capital, LLC on May 1, 2024 and May 24, 2024. Each Note matures 12 months from its respective issuance date. The net proceeds from the Notes have been primarily used for working capital needs.

This expected use of the net proceeds from this offering and our existing cash represents our intentions based upon our current plans, financial condition and business conditions. The amount, timing and nature of specific expenditures of net proceeds from this offering will depend on a number of factors, including the timing, scope, progress and results of our development efforts and the timing and progress of any collaboration efforts. As of the date of this prospectus supplement, we cannot specify with certainty all of the particular uses of the proceeds from this offering. Accordingly, we will retain broad discretion over the use of such proceeds.

DIVIDEND POLICY

We have never declared or paid any cash dividends on our capital stock. We intend to retain all available funds and future earnings, if any, for development and expansion of our business. Any future determination regarding the declaration and payment of dividends, if any, will be at the discretion of our board of directors and will depend on then-existing conditions, including our financial condition, operating results, contractual restrictions, capital requirements, business prospects and other factors our board of directors deems relevant. Investors should not purchase our common stock with the expectation of receiving cash dividends.

CAPITALIZATION

The following table sets forth our cash, cash equivalents and capitalization as of September 30, 2024:

- on an actual basis as of September 30, 2024;
- on a pro forma basis to give effect to (a) the payment of an aggregate of approximately \$2.2 million in cash to the holders of Series 9 Preferred Stock to redeem 2,088 shares of Series 9 Preferred Stock and (b) the following issuances subsequent to September 30, 2024 through the date hereof: (i) 1,117,783 shares of common stock in our ATM with Maxim Group LLC for aggregate net proceeds of approximately \$14.3 million, (ii) 412,607 shares of common stock in exchange for the return and cancellation of an aggregate of 5,165,121 shares of Series 9 Preferred Stock with an aggregate fair market value of approximately \$5.4 million, (iii) 171,895 shares of common stock issued as share-based compensation to Nadir Ali, (iv) 240,229 shares of common stock in exchange for the reduction of the outstanding balance of that certain outstanding secured promissory note issued on May 1, 2024 by an aggregate of approximately \$0.8 million, (v) 575.94 shares of Series 9 Preferred Stock as accrued interest in accordance with the Series 9 Preferred Stock Certificate of Designations, (vi) 1,454,546 shares of common stock at an offering price of \$13.75 per share in a best efforts public offering that closed on January 10, 2025, for which we received aggregate net proceeds of approximately \$18.3 million, and (vii) 173,241 shares of common stock issued due to the rounding up of fractional shares resulting from the 1-for-250 reverse stock split effected on January 10, 2025 (collectively, the “Pro Forma Adjustments”); and
- on a pro forma as adjusted basis to give further effect to the issuance and sale of (i) 765,200 shares of our common stock and Common Warrants to purchase 765,200 shares of our common stock in this offering at a public offering price of \$1.36 per share and accompanying Common Warrant, and (ii) Pre-funded Warrants to purchase up to 2,176,000 shares of our common stock and Common Warrants to purchase 2,176,000 shares of our common stock in this offering at a public offering price of \$1.359 per Pre-funded Warrant and accompanying Common Warrant, assuming the full exercise of the Pre-funded Warrants for cash, resulting in the issuance of 2,176,000 shares of common stock, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us.

You should read this table together with the section of this prospectus supplement titled “Use of Proceeds,” as well as our consolidated financial statements and the related notes and the sections titled “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our Annual Report on Form 10-K for the year ended December 31, 2023 and our Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2024, each of which is incorporated by reference herein.

	As of September 30, 2024 (in thousands, except number of shares and par value data)		
	Actual	Pro Forma	Pro Forma As Adjusted
Cash and cash equivalents	\$ 511	\$ 30,905	\$ 34,155
Total liabilities	22,418	20,111	20,111
Stockholders’ Equity:			
Preferred stock - \$0.001 par value; 5,000,000 shares authorized			
Series 4 Convertible Preferred Stock - 10,415 shares authorized; 1, 1 and 1 issued and outstanding, actual, pro forma and pro forma as adjusted	—	—	—
Series 5 Convertible Preferred Stock - 12,000 shares authorized; 126, 126 and 126 issued and outstanding, actual, pro forma and pro forma as adjusted	—	—	—
Series 9 Preferred Stock - 20,000 shares authorized; 6,677, 0 and 0 issued and outstanding, actual, pro forma and pro forma as adjusted	6,677	—	—
Common Stock - \$0.001 par value; 500,000,000 shares authorized; 152,036, 3,722,340 and 6,663,540 outstanding, actual, pro forma and pro forma as adjusted	—	4	7
Additional paid-in capital	79,370	119,868	123,115
Accumulated other comprehensive income	524	524	524
Accumulated deficit	(79,706)	(80,831)	(80,831)
Total Stockholders’ Equity	6,865	39,565	42,815

The foregoing table is based on 152,036 shares of our common stock outstanding as of September 30, 2024, and excludes, as of that date, the following:

- 51,130 shares of common stock issuable upon the exercise of outstanding stock options at a weighted average exercise price of \$468.12 per share;
- 1,128 shares of common stock issuable upon the exercise of outstanding warrants at a weighted average exercise price of \$20,343.35 per share;
- 209,481 shares of common stock available for future issuance under our 2018 Employee Stock Incentive Plan and any other additional shares of our common stock that may become available under our 2018 Employee Stock Incentive Plan;
- 1 share of common stock issuable upon the conversion of 1 outstanding share of Series 4 Convertible Preferred Stock, at a conversion price of \$418,500,000 per share;
- 1 share of common stock issuable upon conversion of 126 outstanding shares of Series 5 Convertible Preferred Stock, at a conversion price of \$280,968,750 per share; and
- any additional shares of common stock issued after September 30, 2024, including upon conversion or exercise of securities convertible or exercisable for shares of common stock.

DILUTION

If you invest in our securities, your ownership interest will be diluted to the extent of the difference between the public offering price per share of our common stock and the pro forma as adjusted net tangible book value per share of our common stock immediately after this offering.

Our net tangible book value as of September 30, 2024, was approximately (\$11.6 million) or approximately (\$76.28) per share of common stock. Net tangible book value per share is determined by dividing our total tangible assets, less total liabilities, by the number of shares of our common stock outstanding as of September 30, 2024.

After giving effect to the Pro Forma Adjustments described above under “Capitalization,” our pro forma net tangible book value as of September 30, 2024 would have been approximately \$21.1 million or approximately \$5.67 per share of common stock.

After giving further effect to the issuance and sale of (i) 765,200 shares of our common stock and Common Warrants to purchase 765,200 shares of our common stock in this offering at a public offering price of \$1.36 per share and accompanying Common Warrant, and (ii) Pre-funded Warrants to purchase up to 2,176,000 shares of our common stock and Common Warrants to purchase 2,176,000 shares of our common stock in this offering at a public offering price of \$1.359 per Pre-funded Warrant and accompanying Common Warrant, assuming the full exercise of the Pre-funded Warrants for cash, resulting in the issuance of 2,176,000 shares of common stock, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, our pro forma as adjusted net tangible book value at September 30, 2024 would have been approximately \$24.4 million, or approximately \$3.65 per share of common stock. This represents an immediate decrease in pro forma as adjusted net tangible book value of \$2.02 per share to existing stockholders and immediate dilution of \$2.29 per share to new investors purchasing shares of common stock in this offering.

The following table illustrates this dilution on a per share basis:

Public offering price per share and accompanying Common Warrant	\$	1.36
Net tangible book value per share as of September 30, 2024	\$	(76.28)
Increase per share attributable to the Pro Forma Adjustments		81.95
Pro forma net tangible book value per share as of September 30, 2024		5.67
Decrease in pro forma net tangible book value per share attributable to new investors in this offering		(2.02)
Pro forma as adjusted net tangible book value per share immediately after this offering		<u>3.65</u>
Dilution per share to new investors in this offering	\$	<u>2.29</u>

The number of shares of common stock that will be outstanding after this offering is based on 152,036 shares of our common stock outstanding as of September 30, 2024, and excludes:

- 51,130 shares of common stock issuable upon the exercise of outstanding stock options at a weighted average exercise price of \$468.12 per share;
- 1,128 shares of common stock issuable upon the exercise of outstanding warrants at a weighted average exercise price of \$20,343.35 per share;
- 209,481 shares of common stock available for future issuance under our 2018 Employee Stock Incentive Plan and any other additional shares of our common stock that may become available under our 2018 Employee Stock Incentive Plan;
- 1 share of common stock issuable upon the conversion of 1 outstanding share of Series 4 Convertible Preferred Stock, at a conversion price of \$418,500,000 per share;
- 1 share of common stock issuable upon conversion of 126 outstanding shares of Series 5 Convertible Preferred Stock, at a conversion price of \$280,968,750 per share; and
- any additional shares of common stock issued after September 30, 2024, including upon conversion or exercise of securities convertible or exercisable for shares of common stock.

To the extent that stock options or warrants are exercised, new stock options or other equity awards are issued under our equity incentive plan, or we issue additional common stock in the future, there will be further dilution to investors participating in this offering. In addition, we may choose to raise additional capital because of market conditions or strategic considerations, even if we believe that we have sufficient funds for our current or future operating plans. If we raise additional capital through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

DESCRIPTION OF SECURITIES WE ARE OFFERING

We are offering 765,200 shares of our common stock, 2,176,000 Pre-funded Warrants, and 2,941,200 accompanying Common Warrants. The shares of our common stock or Pre-funded Warrants and accompanying Common Warrants will be issued separately. We are also registering the shares of our common stock issuable from time to time upon exercise of the Pre-funded Warrants and Common Warrants offered hereby.

Common Stock

For a description of the rights associated with the common stock, see “Description of Common Stock” in the accompanying prospectus. Our common stock is listed on the Nasdaq Capital Market under the symbol “XTIA.” Our stock transfer agent is Computershare Trust Company, N.A., 150 Royall Street, Suite 101, Canton, MA 02021.

Pre-funded Warrants

The following summary of certain terms and provisions of the Pre-funded Warrants that are being offered hereby is not complete and is subject to, and qualified in its entirety by, the provisions of the Pre-funded Warrant, the form of which will be filed as an exhibit to a Current Report on Form 8-K that we will file with the SEC. Prospective investors should carefully review the terms and provisions of the form of Pre-funded Warrant for a complete description of the terms and conditions of the Pre-funded Warrants.

Duration and Exercise Price

Each Pre-funded Warrant offered hereby will have an initial exercise price per share equal to \$0.001. The Pre-funded Warrants will be immediately exercisable and may be exercised at any time until the Pre-funded Warrants are exercised in full provided that the registration statement of which this prospectus forms a part (the “Current Shelf Registration Statement”) or the Subsequent Registration Statement (as defined below) is available for the issuance of the shares of common stock underlying the Pre-funded Warrants unless an exemption from registration is available. The exercise price and number of shares of common stock issuable upon exercise is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting our common stock and the exercise price.

Exercisability

Each Pre-funded Warrant may be exercised, in cash or by a cashless exercise at the election of the holder at any time following the date of issuance and from time to time thereafter until the Pre-funded Warrants are exercised in full. The Pre-funded Warrants will be exercisable in whole or in part by delivering to us a completed instruction form for exercise and complying with the requirements for exercise set forth in the Pre-funded Warrant. Payment of the exercise price may be made in cash or pursuant to a cashless exercise, in which case the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the Pre-funded Warrant.

Exercise Limitation

In general, a holder will not have the right to exercise any portion of a Pre-funded Warrant if the holder (together with its Attribution Parties (as defined in the Pre-funded Warrant)) would beneficially own in excess of 4.99% or 9.99%, at the election of the holder, of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Pre-funded Warrant. However, any holder may increase or decrease such percentage to any other percentage not in excess of 9.99% upon notice to us, provided, that any increase in this limitation will not be effective until 61 days after such notice from the holder to us and such increase or decrease will apply only to the holder providing such notice.

Transferability

Subject to applicable laws, a Pre-funded Warrant may be transferred at the option of the holder upon surrender of the Pre-funded Warrant to us together with the appropriate instruments of transfer.

Fractional Shares

No fractional shares of common stock will be issued upon the exercise of the Pre-funded Warrants. Rather, the number of shares of common stock to be issued will, at our election, either be rounded up to the nearest whole number or we will pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the exercise price.

Trading Market

There is no trading market available for the Pre-funded Warrants on any securities exchange or nationally recognized trading system.

Right as a Stockholder

Except as otherwise provided in the Pre-funded Warrants or by virtue of such holder's ownership of shares of our common stock, the holders of the Pre-funded Warrants do not have the rights or privileges of holders of our common stock, including any voting rights, until they exercise their Pre-funded Warrants.

Fundamental Transactions

Upon the consummation of a fundamental transaction (as described in the Pre-funded Warrants, and generally including any reorganization, recapitalization or reclassification of our shares of common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person, the acquisition of more than 50% of our outstanding shares of common stock, or any person or group becoming the beneficial owner of 50% of the voting power of our outstanding shares of common stock), the holders of the Pre-funded Warrants will be entitled to receive, upon exercise of the Pre-funded Warrants, the kind and amount of securities, cash or other property that such holders would have received had they exercised the Pre-funded Warrants immediately prior to such fundamental transaction, without regard to any limitations on exercise contained in the Pre-funded Warrants.

Subsequent Registration Statement

Because the Current Shelf Registration Statement will not be available for the issuance of shares of our common stock upon the exercise of the Pre-funded Warrants, we have agreed to file a registration statement (the "Subsequent Registration Statement") covering the issuance of the shares issuable upon exercise of the Pre-funded Warrants within 10 calendar days after their issuance date and use our best efforts to have it declared effective under the Securities Act by the 45th calendar day following the issuance date of the Pre-funded Warrants (or, in the event of a "full review" by the SEC, the 60th calendar day following the issuance date of the Pre-funded Warrants).

Governing Law

The Pre-funded Warrants are governed by New York law.

Common Warrants

The following summary of certain terms and provisions of the Common Warrants that are being offered hereby is not complete and is subject to, and qualified in its entirety by, the provisions of the Common Warrant, the form of which will be filed as an exhibit to a Current Report on Form 8-K that we will file with the SEC. Prospective investors should carefully review the terms and provisions of the form of Common Warrant for a complete description of the terms and conditions of the Common Warrants.

Duration and Exercise Price

Each Common Warrant offered hereby will have an initial exercise price per share equal to \$1.36. The Common Warrants will be immediately exercisable and may be exercised at any time until the fifth anniversary of the date of issuance, provided that the Current Shelf Registration Statement or the Subsequent Registration Statement is available for the issuance of the shares of common stock underlying the Common Warrants unless an exemption from registration is available.

Subject to the rules and regulations of the applicable trading market, we may at any time during the term of the Common Warrants, reduce the then current exercise price to any amount and for any period of time deemed appropriate by our board of directors. The exercise price and number of shares of common stock issuable upon exercise is subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting our common stock and the exercise price. The Common Warrants will be issued separately from the Shares and Pre-funded Warrants and may be transferred separately immediately thereafter.

Exercisability

The Common Warrants will be exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice accompanied by payment in full for the number of shares of our common stock purchased upon such exercise (except in the case of a cashless exercise as discussed below).

Cashless Exercise

If, at the time a holder exercises its Common Warrants, a registration statement registering the issuance of the shares of our common stock underlying the Common Warrants under the Securities Act is not then effective or available and an exemption from registration under the Securities Act is not available for the issuance of such shares, then in lieu of making the cash payment otherwise contemplated to be made to us upon such exercise in payment of the aggregate exercise price, the holder may elect instead to receive upon such exercise (either in whole or in part) the net number of shares of our common stock determined according to a formula set forth in the Common Warrants.

Exercise Limitation

In general, a holder will not have the right to exercise any portion of a Common Warrant if the holder (together with its Attribution Parties (as defined in the Common Warrant)) would beneficially own in excess of 4.99% or 9.99%, at the election of the holder, of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Common Warrant. However, any holder may increase or decrease such percentage to any other percentage not in excess of 9.99% upon notice to us, provided, that any increase in this limitation will not be effective until 61 days after such notice from the holder to us and such increase or decrease will apply only to the holder providing such notice.

Transferability

Subject to applicable laws, a Common Warrant may be transferred at the option of the holder upon surrender of the Common Warrant to us together with the appropriate instruments of transfer.

Fractional Shares

No fractional shares of common stock will be issued upon the exercise of the Common Warrants. Rather, the number of shares of common stock to be issued will, at our election, either be rounded up to the nearest whole number or we will pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the exercise price.

Trading Market

There is no trading market available for the Common Warrants on any securities exchange or nationally recognized trading system.

Right as a Stockholder

Except as otherwise provided in the Common Warrants or by virtue of such holder's ownership of shares of our common stock, the holders of the Common Warrants do not have the rights or privileges of holders of our common stock, including any voting rights, until they exercise their Common Warrants.

Fundamental Transactions

Upon the consummation of a fundamental transaction (as described in the Common Warrants, and generally including any reorganization, recapitalization or reclassification of our shares of common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our merger, amalgamation or consolidation with or into another person (other than any merger or amalgamation or consolidation with or into an operating company or asset of another person that is a business synergistic with our business and where the valuation of such merger or consolidation or amalgamation is 20% or less (30% or less in the event of a merger or consolidation or amalgamation with ReadyMonitor, LLC or an affiliate thereof) of the then market capitalization (based on the average of the five VWAPs immediately prior to the public announcement of such transaction of the Company)), the acquisition of more than 50% of our outstanding shares of common stock, or any person or group becoming the beneficial owner of 50% of the voting power of our outstanding shares of common stock), the holders of the Common Warrants will be entitled to receive, upon exercise of the Common Warrants, the kind and amount of securities, cash or other property that such holders would have received had they exercised the Common Warrants immediately prior to such fundamental transaction, without regard to any limitations on exercise contained in the Common Warrants. Additionally, as more fully described in the Common Warrants, in the event of certain fundamental transactions, the holders of the Common Warrants will be entitled to receive consideration in an amount equal to the Black Scholes value of the Common Warrants on the date of consummation of such transaction.

Subsequent Registration Statement

Because the Current Shelf Registration Statement will not be available for the issuance of shares of our common stock upon the exercise of the Pre-funded Warrants, we have agreed to file a registration statement (the "Subsequent Registration Statement") covering the issuance of the shares issuable upon exercise of the Common Warrants within 10 calendar days after their issuance date and use our best efforts to have it declared effective under the Securities Act by the 45th calendar day following the issuance date of the Common Warrants (or, in the event of a "full review" by the SEC, the 60th calendar day following the issuance date of the Common Warrants).

Governing Law

The Common Warrants are governed by New York law.

UNDERWRITING

ThinkEquity LLC is acting as representative of the underwriters of this offering. We have entered into an underwriting agreement dated March 28, 2025 with the representative. Subject to the terms and conditions of the underwriting agreement, we have agreed to sell to each underwriter named below, and each underwriter named below has severally agreed to purchase, at the public offering price less the underwriting discounts set forth on the cover page of this prospectus supplement, the number of shares of common stock, Pre-funded Warrants and Common Warrants next to its name in the following table:

Underwriters	Number of Shares	Number of Pre-funded Warrants	Number of Common Warrants
ThinkEquity LLC	765,200	2,176,000	2,941,200
Total	765,200	2,176,000	2,941,200

The underwriters are committed to purchase all the shares of common stock (and/or Pre-funded Warrants in lieu thereof) and Common Warrants offered by the Company. The obligations of the underwriters may be terminated upon the occurrence of certain events specified in the underwriting agreement. Furthermore, the underwriting agreement provides that the obligations of the underwriters to pay for and accept delivery of the shares offered by us in this prospectus supplement are subject to various representations and warranties and other customary conditions specified in the underwriting agreement, such as receipt by the underwriters of officers' certificates and legal opinions.

We have agreed to indemnify the underwriters against specified liabilities, including liabilities under the Securities Act, and to contribute to payments the underwriters may be required to make in respect thereof.

The underwriters are offering the shares of common stock (and/or Pre-funded Warrants in lieu thereof) and Common Warrants subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel and other conditions specified in the underwriting agreement. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

Discounts, Commissions and reimbursement

The underwriters propose initially to offer the shares of common stock (and/or Pre-funded Warrants in lieu thereof) and Common Warrants to the public at the public offering price set forth on the cover page of this prospectus supplement. The underwriters may offer securities to securities dealers at that price less a concession of not more than \$0.0476 per share (or Pre-funded Warrant) and accompanying Common Warrant of which up to \$0.0476 per share (or Pre-funded Warrant) and accompanying Common Warrant may be reallocated to other dealers. If all of the shares of common stock and/or Pre-funded Warrants and accompanying Common Warrants offered by us are not sold at the public offering price, the underwriters may change the offering price and other selling terms by means of a supplement to this prospectus supplement.

The following table shows the offering price, underwriting discounts and proceeds, before expenses, to us.

	Per Share and Accompanying Common Warrant	Per Pre-funded Warrant and Accompanying Common Warrant	Total⁽¹⁾
Public offering price	\$ 1.36	\$ 1.359	\$ 4,000,032
Underwriting discounts and commissions (7%)	\$ 0.0952	\$ 0.0952	\$ 280,002
Proceeds, before expenses, to us	\$ 1.2648	\$ 1.2638	\$ 3,720,030

(1) Based on the sale of 765,200 shares of our common stock, 2,176,000 Pre-funded Warrants, and 2,941,200 Common Warrants and assuming full exercise of the Pre-funded Warrants.

We have also agreed to pay certain of the representative's expenses relating to the offering, including: (a) all fees, expenses and disbursements relating to background checks of our officers, directors and entities in an amount not to exceed \$15,000 in the aggregate; (b) fees and expenses of the underwriter's legal counsel not to exceed \$125,000; (c) a \$29,500 cost associated with the underwriters use of Ipreo's book-building, prospectus tracking and compliance software for the offering; (d) \$10,000 for data services and communications expenses; (e) up to \$30,000 of market making and trading, and clearing firm settlement expenses for the offering; and (f) up to \$10,000 of the underwriters' actual accountable "road show" expenses; provided that the maximum amount that we will reimburse the underwriters is \$175,000.

Our total estimated expenses of the offering, including registration, filing and listing fees, printing fees and legal and accounting expenses, but excluding underwriting discounts and commissions, are approximately \$0.5 million.

Representative's Warrants

Upon closing of this offering, we have agreed to issue the representative warrants (the "Representative's Warrants") as compensation to purchase up to 147,060 shares of common stock (5% of the aggregate number of shares of common stock and/or Pre-funded Warrants sold in this offering). The Representative's Warrants will be exercisable at a per share exercise price of \$1.70. The Representative's Warrants are exercisable, in whole or in part, immediately upon issuance until the five-year anniversary of the commencement of sales of the shares of common stock in this offering. The Representative's Warrants and the shares of common stock issuable upon exercise of the Representative's Warrants are being registered on the registration statement of which this prospectus is a part.

The Representative's Warrants provide for registration rights upon request, in certain cases. The sole demand registration right provided will not be greater than five years from the commencement of sales of the securities issued in this offering in compliance with FINRA Rule 5110(g)(8)(C). The piggyback registration rights provided will not be greater than seven years from the commencement of sales of the securities issued in this offering in compliance with FINRA Rule 5110(g)(8)(D). We will bear all fees and expenses attendant to registering the securities issuable on exercise of the warrants other than underwriting commissions incurred and payable by the holders. The exercise price and number of shares issuable upon exercise of the Representative's Warrants may be adjusted in certain circumstances including in the event of a stock dividend or our recapitalization, reorganization, merger or consolidation. However, the Representative's Warrant exercise price or underlying shares will not be adjusted for issuances of shares of common stock at a price below the warrant exercise price.

Lock-Up Agreements

Pursuant to "lock-up" agreements, we, and our executive officers, directors and affiliates have agreed, without the prior written consent of the representative, not to, directly or indirectly, offer to sell, sell, pledge or otherwise transfer or dispose of any of shares of (or enter into any transaction or device that is designed to, or could be expected to, result in the transfer or disposition by any person at any time in the future of) our common stock, enter into any swap or other derivatives transaction that transfers to another, in whole or in part, any of the economic benefits or risks of ownership of shares of our common stock, make any demand for or exercise any right or cause to be filed a registration statement, including any amendments thereto, with respect to the registration of any shares of common stock or securities convertible into or exercisable or exchangeable for shares of common stock or any other of our securities or publicly disclose the intention to do any of the foregoing, subject to customary exceptions, for, with respect to the Company, a period of 60 days from the date of this prospectus supplement, and with respect to our executive officers and directors, a period of 90 days from the date of this prospectus supplement.

Additionally, we have agreed that for a period of 90 days from the date of this prospectus supplement, we will not directly or indirectly offer to sell, sell, contract to sell, grant any option to sell or otherwise dispose of shares of our capital stock or any securities convertible into or exercisable or exchangeable for shares of our capital stock in any "at-the-market," continuous equity transaction or variable rate transaction, without the prior written consent of the representative.

Right of First Refusal

We have granted the representative a right of first refusal, for a period of twelve months from the closing of the offering, to act as sole investment banker, sole book-runner, and/or sole placement agent, at the representative's sole and exclusive discretion, for each and every future public and private equity and debt offering, including all of our equity linked financings (each, a "Subject Transaction"), of the Company or any successor (or any of our subsidiaries), on terms and conditions customary to the representative for such Subject Transactions.

Discretionary Accounts

The underwriters do not intend to confirm sales of the shares of common stock and/or Pre-funded Warrants and the Common Warrants offered hereby to any accounts over which they have discretionary authority.

Nasdaq Capital Market Listing

Our common stock is listed on The Nasdaq Capital Market under the symbol “XTIA”. There is no established trading market for the Warrants and we do not intend to list the Warrants on any securities exchange or nationally recognized trading system.

Other

From time to time, certain of the underwriters and/or their affiliates may in the future provide, various investment banking and other financial services for us for which they may receive customary fees. In the course of their businesses, the underwriters and their affiliates may actively trade our securities or loans for their own account or for the accounts of customers, and, accordingly, the underwriters and their affiliates may at any time hold long or short positions in such securities or loans.

On January 7, 2025, we entered into a placement agency agreement with ThinkEquity LLC, as placement agent, pursuant to which we agreed to issue and sell directly to various investors, in a best efforts public offering, an aggregate of 1,454,546 shares of common stock at an offering price of \$13.75 per share. We paid ThinkEquity LLC \$1,400,001 of placement agent fees and reimbursed the placement agent for \$175,000 of actual out-of-pocket offering expenses. As part of its compensation for acting as placement agent for the offering, we also issued ThinkEquity LLC warrants to purchase 72,727 shares of common stock, which were exercisable commencing January 10, 2025, expire January 8, 2030 and have an exercise price of \$17.1875 per share.

No underwriter has provided any investment banking or other financial services to us during the 180-day period preceding the date of this prospectus supplement.

Price Stabilization, Short Positions and Penalty Bids

In connection with this offering, the underwriters may engage in transactions that stabilize, maintain or otherwise affect the price of our common stock. Specifically, the underwriters may over-allot in connection with this offering by selling more shares than are set forth on the cover page of this prospectus supplements. This creates a short position in our common stock for its own account. The short position may be either a covered short position or a naked short position. In a covered short position, the number of shares of common stock over-allotted by the underwriters is not greater than the number of shares of common stock that they may purchase in the over-allotment option. In a naked short position, the number of shares of common stock involved is greater than the number of shares of common stock in the over-allotment option. To close out a short position, the underwriters may elect to exercise all or part of the over-allotment option. The underwriters may also elect to stabilize the price of our common stock or reduce any short position by bidding for, and purchasing, common stock in the open market.

The underwriters may also impose a penalty bid. This occurs when a particular underwriter or dealer repays selling concessions allowed to it for distributing shares of common stock in this offering because the underwriter repurchases the shares of common stock in stabilizing or short covering transactions.

Finally, the underwriters may bid for, and purchase, shares of our common stock in market making transactions, including “passive” market making transactions as described below.

These activities may stabilize or maintain the market price of our common stock at a price that is higher than the price that might otherwise exist in the absence of these activities. The underwriters are not required to engage in these activities, and may discontinue any of these activities at any time without notice. These transactions may be effected on the national securities exchange on which our shares of common stock are traded, in the over-the-counter market, or otherwise.

Indemnification

We have agreed to indemnify the underwriters against liabilities relating to this offering arising under the Securities Act and the Exchange Act, liabilities arising from breaches of some, or all of the representations and warranties contained in the underwriting agreement, and to contribute to payments that the underwriters may be required to make for these liabilities.

Electronic Distribution

This prospectus supplement and the accompanying prospectus in electronic format may be made available on websites or through other online services maintained by one or more of the underwriters, or by their affiliates. Other than this prospectus supplement and the accompanying prospectus in electronic format, the information on any underwriter's website and any information contained in any other website maintained by an underwriter is not part of this prospectus, supplement has not been approved and/or endorsed by us or any underwriter in its capacity as underwriter, and should not be relied upon by investors.

Offer restrictions outside the United States

Other than in the United States, no action has been taken by us or the underwriters that would permit a public offering of the securities offered by this prospectus supplement in any jurisdiction where action for that purpose is required. The securities offered by this prospectus supplement may not be offered or sold, directly or indirectly, nor may this prospectus supplement or any other offering material or advertisements in connection with the offer and sale of any such securities be distributed or published in any jurisdiction, except under circumstances that will result in compliance with the applicable rules and regulations of that jurisdiction. Persons into whose possession this prospectus supplement comes are advised to inform themselves about and to observe any restrictions relating to the offering and the distribution of this prospectus supplement. This prospectus supplement does not constitute an offer to sell or a solicitation of an offer to buy any securities offered by this prospectus supplement in any jurisdiction in which such an offer or a solicitation is unlawful.

Australia

This prospectus supplement is not a disclosure document under Chapter 6D of the Australian Corporations Act, has not been lodged with the Australian Securities and Investments Commission and does not purport to include the information required of a disclosure document under Chapter 6D of the Australian Corporations Act. Accordingly, (i) the offer of the securities under this prospectus supplement is only made to persons to whom it is lawful to offer the securities without disclosure under Chapter 6D of the Australian Corporations Act under one or more exemptions set out in section 708 of the Australian Corporations Act, (ii) this prospectus supplement is made available in Australia only to those persons as set forth in clause (i) above, and (iii) the offeree must be sent a notice stating in substance that by accepting this offer, the offeree represents that the offeree is such a person as set forth in clause (i) above, and, unless permitted under the Australian Corporations Act, agrees not to sell or offer for sale within Australia any of the securities sold to the offeree within 12 months after its transfer to the offeree under this prospectus supplement.

Canada

The securities may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the securities must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus supplement (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

China

The information in this document does not constitute a public offer of the securities, whether by way of sale or subscription, in the People's Republic of China (excluding, for purposes of this paragraph, Hong Kong Special Administrative Region, Macau Special Administrative Region and Taiwan). The securities may not be offered or sold directly or indirectly in the PRC to legal or natural persons other than directly to "qualified domestic institutional investors."

European Economic Area—Belgium, Germany, Luxembourg and Netherlands

The information in this document has been prepared on the basis that all offers of securities will be made pursuant to an exemption under the Directive 2003/71/EC (“Prospectus Directive”), as implemented in Member States of the European Economic Area (each, a “Relevant Member State”), from the requirement to produce a prospectus for offers of securities.

An offer to the public of securities has not been made, and may not be made, in a Relevant Member State except pursuant to one of the following exemptions under the Prospectus Directive as implemented in that Relevant Member State:

- to legal entities that are authorized or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;
- to any legal entity that has two or more of (i) an average of at least 250 employees during its last fiscal year; (ii) a total balance sheet of more than €43,000,000 (as shown on its last annual unconsolidated or consolidated financial statements) and (iii) an annual net turnover of more than €50,000,000 (as shown on its last annual unconsolidated or consolidated financial statements);
- to fewer than 100 natural or legal persons (other than qualified investors within the meaning of Article 2(1)(e) of the Prospectus Directive) subject to obtaining the prior consent of the Company or any underwriter for any such offer; or
- in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of securities shall result in a requirement for the publication by the Company of a prospectus pursuant to Article 3 of the Prospectus Directive.

France

This document is not being distributed in the context of a public offering of financial securities (offre au public de titres financiers) in France within the meaning of Article L.411-1 of the French Monetary and Financial Code (Code Monétaire et Financier) and Articles 211-1 et seq. of the General Regulation of the French Autorité des marchés financiers (“AMF”). The securities have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in France.

This document and any other offering material relating to the securities have not been, and will not be, submitted to the AMF for approval in France and, accordingly, may not be distributed or caused to be distributed, directly or indirectly, to the public in France.

Such offers, sales and distributions have been and shall only be made in France to (i) qualified investors (investisseurs qualifiés) acting for their own account, as defined in and in accordance with Articles L.411-2-II-2° and D.411-1 to D.411-3, D.744-1, D.754-1 ;and D.764-1 of the French Monetary and Financial Code and any implementing regulation and/or (ii) a restricted number of non-qualified investors (cercle restreint d’investisseurs) acting for their own account, as defined in and in accordance with Articles L.411-2-II-2° and D.411-4, D.744-1, D.754-1; and D.764-1 of the French Monetary and Financial Code and any implementing regulation.

Pursuant to Article 211-3 of the General Regulation of the AMF, investors in France are informed that the securities cannot be distributed (directly or indirectly) to the public by the investors otherwise than in accordance with Articles L.411-1, L.411-2, L.412-1 and L.621-8 to L.621-8-3 of the French Monetary and Financial Code.

Ireland

The information in this document does not constitute a prospectus under any Irish laws or regulations and this document has not been filed with or approved by any Irish regulatory authority as the information has not been prepared in the context of a public offering of securities in Ireland within the meaning of the Irish Prospectus (Directive 2003/71/EC) Regulations 2005 (the “Prospectus Regulations”). The securities have not been offered or sold, and will not be offered, sold or delivered directly or indirectly in Ireland by way of a public offering, except to (i) qualified investors as defined in Regulation 2(l) of the Prospectus Regulations and (ii) fewer than 100 natural or legal persons who are not qualified investors.

Israel

The securities offered by this prospectus supplement have not been approved or disapproved by the Israeli Securities Authority (the “ISA”), nor have such securities been registered for sale in Israel. The shares may not be offered or sold, directly or indirectly, to the public in Israel, absent the publication of a prospectus. The ISA has not issued permits, approvals or licenses in connection with the offering or publishing the prospectus; nor has it authenticated the details included herein, confirmed their reliability or completeness, or rendered an opinion as to the quality of the securities being offered. Any resale in Israel, directly or indirectly, to the public of the securities offered by this prospectus supplement is subject to restrictions on transferability and must be effected only in compliance with the Israeli securities laws and regulations.

Italy

The offering of the securities in the Republic of Italy has not been authorized by the Italian Securities and Exchange Commission (Commissione Nazionale per le Società e la Borsa, or “CONSOB”) pursuant to the Italian securities legislation and, accordingly, no offering material relating to the securities may be distributed in Italy and such securities may not be offered or sold in Italy in a public offer within the meaning of Article 1.1(t) of Legislative Decree No. 58 of 24 February 1998 (“Decree No. 58”), other than:

- to Italian qualified investors, as defined in Article 100 of Decree no.58 by reference to Article 34-ter of CONSOB Regulation no. 11971 of 14 May 1999 (“Regulation no. 11971”) as amended (“Qualified Investors”); and
- in other circumstances that are exempt from the rules on public offer pursuant to Article 100 of Decree No. 58 and Article 34-ter of Regulation No. 11971 as amended.

Any offer, sale or delivery of the securities or distribution of any offer document relating to the securities in Italy (excluding placements where a Qualified Investor solicits an offer from the issuer) under the paragraphs above must be:

- made by investment firms, banks or financial intermediaries permitted to conduct such activities in Italy in accordance with Legislative Decree No. 385 of 1 September 1993 (as amended), Decree No. 58, CONSOB Regulation No. 16190 of 29 October 2007 and any other applicable laws; and
- in compliance with all relevant Italian securities, tax and exchange controls and any other applicable laws.

Any subsequent distribution of the securities in Italy must be made in compliance with the public offer and prospectus requirement rules provided under Decree No. 58 and the Regulation No. 11971 as amended, unless an exception from those rules applies. Failure to comply with such rules may result in the sale of such securities being declared null and void and in the liability of the entity transferring the securities for any damages suffered by the investors.

Japan

The securities have not been and will not be registered under Article 4, paragraph 1 of the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948), as amended (the “FIEL”), pursuant to an exemption from the registration requirements applicable to a private placement of securities to Qualified Institutional Investors (as defined in and in accordance with Article 2, paragraph 3 of the FIEL and the regulations promulgated thereunder). Accordingly, the securities may not be offered or sold, directly or indirectly, in Japan or to, or for the benefit of, any resident of Japan other than Qualified Institutional Investors. Any Qualified Institutional Investor who acquires securities may not resell them to any person in Japan that is not a Qualified Institutional Investor, and acquisition by any such person of securities is conditional upon the execution of an agreement to that effect.

Portugal

This document is not being distributed in the context of a public offer of financial securities (oferta pública de valores mobiliários) in Portugal, within the meaning of Article 109 of the Portuguese Securities Code (Código dos Valores Mobiliários). The securities have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in Portugal. This document and any other offering material relating to the securities have not been, and will not be, submitted to the Portuguese Securities Market Commission (Comissão do Mercado de Valores Mobiliários) for approval in Portugal and, accordingly, may not be distributed or caused to be distributed, directly or indirectly, to the public in Portugal, other than under circumstances that are deemed not to qualify as a public offer under the Portuguese Securities Code. Such offers, sales and distributions of securities in Portugal are limited to persons who are “qualified investors” (as defined in the Portuguese Securities Code). Only such investors may receive this document and they may not distribute it or the information contained in it to any other person.

Sweden

This document has not been, and will not be, registered with or approved by Finansinspektionen (the Swedish Financial Supervisory Authority). Accordingly, this document may not be made available, nor may the securities be offered for sale in Sweden, other than under circumstances that are deemed not to require a prospectus under the Swedish Financial Instruments Trading Act (1991:980) (Sw. lag (1991:980) om handel med finansiella instrument). Any offering of securities in Sweden is limited to persons who are “qualified investors” (as defined in the Financial Instruments Trading Act). Only such investors may receive this document and they may not distribute it or the information contained in it to any other person.

Switzerland

The securities may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange (“SIX”) or on any other stock exchange or regulated trading facility in Switzerland. This document has been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this document nor any other offering material relating to the securities may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this document nor any other offering material relating to the securities have been or will be filed with or approved by any Swiss regulatory authority. In particular, this document will not be filed with, and the offer of securities will not be supervised by, the Swiss Financial Market Supervisory Authority (FINMA).

This document is personal to the recipient only and not for general circulation in Switzerland.

United Arab Emirates

Neither this document nor the securities have been approved, disapproved or passed on in any way by the Central Bank of the United Arab Emirates or any other governmental authority in the United Arab Emirates, nor has the Company received authorization or licensing from the Central Bank of the United Arab Emirates or any other governmental authority in the United Arab Emirates to market or sell the securities within the United Arab Emirates. This document does not constitute and may not be used for the purpose of an offer or invitation. No services relating to the securities, including the receipt of applications and/or the allotment or redemption of such securities, may be rendered within the United Arab Emirates by the Company.

No offer or invitation to subscribe for securities is valid or permitted in the Dubai International Financial Centre.

United Kingdom

Neither the information in this document nor any other document relating to the offer has been delivered for approval to the Financial Services Authority in the United Kingdom and no prospectus (within the meaning of section 85 of the Financial Services and Markets Act 2000, as amended (“FSMA”) has been published or is intended to be published in respect of the securities. This document is issued on a confidential basis to “qualified investors” (within the meaning of section 86(7) of FSMA) in the United Kingdom, and the securities may not be offered or sold in the United Kingdom by means of this document, any accompanying letter or any other document, except in circumstances which do not require the publication of a prospectus pursuant to section 86(1) FSMA. This document should not be distributed, published or reproduced, in whole or in part, nor may its contents be disclosed by recipients to any other person in the United Kingdom.

Any invitation or inducement to engage in investment activity (within the meaning of section 21 of FSMA) received in connection with the issue or sale of the securities has only been communicated or caused to be communicated and will only be communicated or caused to be communicated in the United Kingdom in circumstances in which section 21(1) of FSMA does not apply to the Company.

In the United Kingdom, this document is being distributed only to, and is directed at, persons (i) who have professional experience in matters relating to investments falling within Article 19(5) (investment professionals) of the Financial Services and Markets Act 2000 (Financial Promotions) Order 2005 (“FPO”), (ii) who fall within the categories of persons referred to in Article 49(2)(a) to (d) (high net worth companies, unincorporated associations, etc.) of the FPO or (iii) to whom it may otherwise be lawfully communicated (together “relevant persons”). The investments to which this document relates are available only to, and any invitation, offer or agreement to purchase will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely on this document or any of its contents.

Pursuant to section 3A.3 of National Instrument 33-105 Underwriting Conflicts, or NI 33-105, the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

LEGAL MATTERS

The validity of the securities offered hereby will be passed upon for us by Mitchell Silberberg & Knupp LLP, New York, New York. Blank Rome LLP, New York, New York, has acted as counsel for the underwriters in connection with certain legal matters related to this offering.

EXPERTS

Our financial statements as of and for the years ended December 31, 2023 and 2022, included in our Annual Report on Form 10-K have been audited by Marcum LLP, independent registered public accounting firm, as stated in their report incorporated herein by reference (which report includes an explanatory paragraph about the existence of substantial doubt concerning the Company's ability to continue as a going concern). Such financial statements have been so included in reliance upon the authority of said firm as experts in accounting and auditing.

XTI Aircraft Company's financial statements as of and for the years ended December 31, 2023 and 2022, included in our Current Report on Form 8-K/A filed with the SEC on May 28, 2024, have been audited by Marcum LLP, independent registered public accounting firm, as stated in their report incorporated herein by reference (which report includes an explanatory paragraph about the existence of substantial doubt concerning XTI Aircraft Company's ability to continue as a going concern). Such financial statements have been so included in reliance upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus supplement constitutes a part of the registration statement on Form S-3 that we have filed with the SEC under the Securities Act. As permitted by the SEC's rules, this prospectus supplement and any accompanying prospectus, which forms a part of the registration statement, do not contain all of the information that is included in the registration statement. You will find additional information about us in the registration statement. Any statement made in this prospectus supplement or any accompanying prospectus concerning legal documents are not necessarily complete and you should read the documents that are filed as exhibits to the registration statement or otherwise filed with the SEC for a more complete understanding of the document or matter.

We are subject to the reporting requirements of the Exchange Act, and file annual, quarterly and current reports, proxy statements and other information with the SEC. You can read our SEC filings, including the registration statement, over the Internet at the SEC's website at <http://www.sec.gov>. We also maintain a website at www.xtiaerospace.com, at which you may access these materials free of charge as soon as reasonably practicable after they are electronically filed with, or furnished to, the SEC. The information contained in, or that can be accessed through, our website is not part of this prospectus.

INFORMATION INCORPORATED BY REFERENCE

This prospectus is part of the registration statement, but the registration statement includes and incorporates by reference additional information and exhibits. The SEC permits us to “incorporate by reference” the information contained in documents we file with the SEC, which means that we can disclose important information to you by referring you to those documents rather than by including them in this prospectus. Information that is incorporated by reference is considered to be part of this prospectus and you should read it with the same care that you read this prospectus and any subsequent prospectus supplement. Information that we file later with the SEC will automatically update and supersede the information that is either contained, or incorporated by reference, in this prospectus, and will be considered to be a part of this prospectus from the date those documents are filed.

We incorporate by reference the documents listed below, all filings filed by us pursuant to the Exchange Act after the date of the registration statement of which this prospectus and any accompanying prospectus supplement forms a part, and any future filings we make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the time that all securities covered by this prospectus have been sold; provided, however, that we are not incorporating any information furnished under either Item 2.02 or Item 7.01 of any Current Report on Form 8-K and exhibits furnished on such form that relate to such items:

- our Annual Report on [Form 10-K](#) for the year ended December 31, 2023, filed with the SEC on April 16, 2024;
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2024, June 30, 2024 and September 30, 2024, filed with the SEC on [May 20, 2024](#), [August 14, 2024](#) and [November 14, 2024](#), respectively;
- with the exception of the portions of the following filings that are furnished rather than filed, our Current Reports on Form 8-K, filed with the SEC on [January 3, 2024](#), [February 5, 2024](#), [February 23, 2024](#), [March 15, 2024](#), [April 4, 2024](#), [May 1, 2024](#), [May 10, 2024](#), [May 15, 2024](#), [May 29, 2024](#), [May 31, 2024](#), [June 10, 2024](#), [June 14, 2024](#), [June 24, 2024](#), [July 1, 2024](#), [July 12, 2024](#), [August 5, 2024](#), [August 6, 2024](#), [August 21, 2024](#), [September 11, 2024](#), [September 23, 2024](#), [October 2, 2024](#), [October 4, 2024](#), [October 25, 2024](#), [October 30, 2024](#), [November 1, 2024](#), [November 12, 2024](#), [November 18, 2024](#), [November 21, 2024](#), [December 5, 2024](#), [December 13, 2024](#), [December 27, 2024](#), [January 10, 2025](#), [January 23, 2025](#), [February 12, 2025](#), [February 13, 2025](#), [March 7, 2025](#), [March 18, 2025](#), [March 27, 2025](#) and [March 28, 2025](#) and on Form 8-K/A, filed with the SEC on [February 27, 2024](#), [May 28, 2024](#) and [December 30, 2024](#); and
- the description of our common stock contained in our Registration Statement on [Form 8-A](#) filed with the SEC on April 7, 2014, including any amendments or reports filed with the SEC for the purposes of updating such description.

Any statements made in a document incorporated by reference in this prospectus are deemed to be modified or superseded for purposes of this prospectus to the extent that a statement in this prospectus or in any other subsequently filed document, which is also incorporated by reference, modifies or supersedes the statement. Any statement made in this prospectus is deemed to be modified or superseded to the extent a statement in any subsequently filed document, which is incorporated by reference in this prospectus, modifies or supersedes such statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

The information relating to us contained in this prospectus should be read together with the information in the documents incorporated by reference. In addition, certain information, including financial information, contained in this prospectus or incorporated by reference in this prospectus should be read in conjunction with documents we have filed with the SEC.

We will provide to each person, including any beneficial holder, to whom a prospectus is delivered, at no cost, upon written or oral request, a copy of any or all of the information that has been incorporated by reference in the prospectus but not delivered with the prospectus. Requests for documents should be by writing to or telephoning us at the following address: XTI Aerospace, Inc., Attention: Secretary, 8123 InterPort Blvd., Suite C, Englewood, CO 80112, (800) 680-7412. Exhibits to these filings will not be sent unless those exhibits have been specifically incorporated by reference in such filings.

PROSPECTUS



\$350,000,000

**Common Stock
Preferred Stock
Subscription Rights
Units
Warrants**

By this prospectus and an accompanying prospectus supplement, we may from time to time offer and sell, in one or more offerings, up to \$350,000,000 in any combination of common stock, preferred stock, warrants, units and subscription rights.

We will provide you with more specific terms of these securities in one or more supplements to this prospectus. We may also authorize one or more free-writing prospectuses to be provided to you in connection with these offerings. You should read this prospectus and any applicable prospectus supplement or free writing prospectus, as well as any documents incorporated by reference carefully before you invest.

We may offer these securities from time to time in amounts, at prices and on other terms to be determined at the time of offering. We may offer and sell these securities to or through underwriters, dealers or agents, or directly to investors, on a continuous or delayed basis. The supplements to this prospectus will provide the specific terms of the plan of distribution. The price to the public of such securities and the net proceeds we expect to receive from such sale will also be set forth in a prospectus supplement.

Our common stock is listed on the Nasdaq Capital Market under the symbol "XTIA." On June 13, 2024, the closing price of our common stock as reported by the Nasdaq Capital Market was \$0.4444 per share.

An investment in our common stock involves a high degree of risk. See "*Risk Factors*" on page 6 of this prospectus for more information on these risks.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is June 18, 2024.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement filed with the SEC using a “shelf” registration process. Under this shelf process, we may sell the securities described in this prospectus in one or more primary offerings, up to the maximum aggregate dollar amount \$350,000,000.

This prospectus provides you with a general description of the securities which may be offered. Each time we offer securities for sale, we will provide a prospectus supplement that contains specific information about the terms of that offering. Any prospectus supplement may also add or update information contained in this prospectus. You should read both this prospectus and any prospectus supplement together with additional information described below under “Where You Can Find More Information” and “Information Incorporated by Reference.”

The registration statement that contains this prospectus (including the exhibits thereto) contains additional important information about us and the securities we may offer under this prospectus. Specifically, we have filed certain legal documents that establish the terms of the securities offered by this prospectus as exhibits to the registration statement. We will file certain other legal documents that establish the terms of the securities offered by this prospectus as exhibits to reports we file with the SEC. You may obtain copies of that registration statement and the other reports and documents referenced herein as described below under the heading “Where You Can Find More Information.”

You should rely only on the information contained or incorporated by reference in this prospectus and in any prospectus supplement. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making offers to sell or solicitations to buy the securities in any jurisdiction in which an offer or solicitation is not authorized or in which the person making that offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation. You should not assume that the information in this prospectus or any prospectus supplement, as well as the information we file or previously filed with the SEC that we incorporate by reference in this prospectus or any prospectus supplement, is accurate as of any date other than its respective date. Our business, financial condition, results of operations and prospects may have changed since those dates.

Note Regarding XTI Merger and Reverse Stock Split

On March 12, 2024, XTI Aerospace, Inc. (formerly known as Inpixon), Superfly Merger Sub Inc., a Delaware corporation and a wholly owned subsidiary of XTI Aerospace, Inc. (“Merger Sub”), and XTI Aircraft Company, a Delaware corporation (“Legacy XTI”), completed a merger transaction pursuant to that certain Agreement and Plan of Merger (the “XTI Merger Agreement”), dated as of July 24, 2023 and amended on December 30, 2023 and March 12, 2024, whereby Merger Sub merged with and into Legacy XTI with Legacy XTI surviving the merger as a wholly-owned subsidiary of XTI Aerospace (the “XTI Merger”). In connection with the closing of the XTI Merger, our corporate name changed to “XTI Aerospace, Inc.”

Unless otherwise stated or the context otherwise requires, the terms “XTI Aerospace,” “we,” “us,” “our,” and the “Company” refer collectively to XTI Aerospace, Inc., Inpixon GmbH, IntraNav GmbH and, prior to the closing of the XTI Merger, Merger Sub, and after the closing of the XTI Merger, Legacy XTI.

The Company effected a reverse stock split of its outstanding common stock at a ratio of 1-for-100, effective as of March 12, 2024, for the purpose of complying with Nasdaq Listing Rule 5550(a)(2) and satisfying the bid price requirements applicable for initial listing applications in connection with the closing of the XTI Merger. We have reflected the reverse stock split in this prospectus, unless otherwise indicated.

CAUTIONARY NOTE CONCERNING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated herein by reference in this prospectus contain forward-looking statements that involve risks and uncertainties. You should not place undue reliance on these forward-looking statements. Our actual results could differ materially from those anticipated in the forward-looking statements. In some cases, you can identify these forward-looking statements by terms such as “anticipate,” “believe,” “continue,” “could,” “depends,” “estimates,” “expects,” “intends,” “may,” “ongoing,” “plan,” “potential,” “predict,” “project,” “should,” “will,” “would” or the negative of those terms or other similar expressions, although not all forward-looking statements contain those words.

We have based these forward looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, results of operations, business strategy and financial needs. These forward looking statements are subject to a number of known and unknown risks, uncertainties and assumptions, including risks described in the section titled “Risk Factors” and elsewhere in this prospectus and other periodic reports incorporated herein by reference, regarding, among other things:

- our limited cash and our history of losses;
- our ability to achieve profitability;
- the risk that we have a limited operating history, have not yet manufactured any non-prototype aircraft or delivered any aircraft to a customer, and we and our current and future collaborators may be unable to successfully develop and market our aircraft or solutions, or may experience significant delays in doing so;
- the ability to meet the development and commercialization schedule with respect to the TriFan 600;
- our ability to secure required certifications for the TriFan 600 and/or any other aircraft we develop;
- our ability to navigate the regulatory environment and complexities with compliance related to such environment;
- the risk that our conditional pre-orders (which include conditional aircraft purchase agreements, non-binding reservations, and options) are canceled, modified, delayed or not placed and that we must return the refundable deposits;
- our ability to obtain adequate financing in the future as needed;
- our ability to continue as a going concern;
- emerging competition and rapidly advancing technologies in our industries that may outpace our technology;
- the risk that other aircraft manufacturers develop competitive VTOL aircraft or other competitive aircraft that adversely affect our market position;
- customer demand for the products and services we develop;
- our ability to develop other new products and technologies;
- our ability to attract customers and/or fulfill customer orders;

- our ability to enhance and maintain the reputation of our brand and expand our customer base;
- our ability to scale in a cost-effective manner and maintain and expand our manufacturing and supply chain relationships;
- our ability to attract, integrate, manage, and retain qualified personnel or key employees;
- our ability to maintain compliance with the continued listing requirements of the Nasdaq Capital Market;
- the risks relating to long development and sales cycles, our ability to satisfy the conditions and deliver on the orders and reservations, our ability to maintain quality control of our aircraft, and our dependence on third parties for supplying components and potentially manufacturing the aircraft;
- the risk that our ability to sell our aircraft may be limited by circumstances beyond our control, such as a shortage of pilots and mechanics who meet the training standards, high maintenance frequencies and costs for the sold aircraft, and any accidents or incidents involving VTOL aircraft that may harm customer confidence;
- general economic conditions and events and the impact they may have on us and our potential customers, including, but not limited to increases in inflation rates and rates of interest, supply chain challenges, increased costs for materials and labor, cybersecurity attacks, other lingering impacts resulting from COVID-19, and the Russia/Ukraine and Israel/Hamas conflicts;
- lawsuits and other claims by third parties or investigations by various regulatory agencies that we may be subjected to and are required to report, including but not limited to, the SEC;
- our ability to respond to a failure of our systems and technology to operate our business;
- the risk that our future patent applications may not be approved or may take longer than expected, and that we may incur substantial costs in enforcing and protecting our intellectual property;
- impact of any changes in existing or future tax regimes;
- our ability to use the proceeds from this offering as discussed in the section entitled “*Use of Proceeds*”;
- our success at managing the risks involved in the foregoing items; and
- other factors discussed in this prospectus.

These risks are not exhaustive. Other sections of this prospectus may include additional factors that could adversely impact our business and financial performance. Moreover, we operate in two very competitive and rapidly changing industries. New risk factors emerge from time to time, and it is not possible for our management to predict all risk factors nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in, or implied by, any forward looking statements. You should read this prospectus with the understanding that our actual future results, levels of activity, performance and achievements may be materially different from what we expect. Except as required by law, we undertake no obligation to update publicly any forward looking statements for any reason after the date of this prospectus or to conform these statements to actual results or to changes in our expectations.

We qualify all of our forward looking statements by these cautionary statements.

OUR BUSINESS

This is only a summary and may not contain all the information that is important to you. You should carefully read both this prospectus and any accompanying prospectus supplement and any other offering materials, together with the additional information described under the heading “Where You Can Find More Information.”

The Company

Following the closing of the XTI Merger, we are primarily an aircraft development company. We also provide real-time location systems (“RTLS”) for the industrial sector, which was our focus prior to the closing of the XTI Merger. Headquartered in Englewood, Colorado, XTI Aerospace is developing a vertical takeoff and landing (“VTOL”) aircraft that is designed to take off and land like a helicopter and cruise like a fixed-wing business aircraft. We believe our initial configuration, the TriFan 600, will be one of the first civilian fixed-wing VTOL aircraft that offers the speed and comfort of a business aircraft and the range and versatility of VTOL for a wide range of customer applications, including private aviation for business and high net worth individuals, emergency medical services, and commuter and regional air travel. Since 2013, we have been engaged primarily in developing the design and engineering concepts for the TriFan 600, building and testing a two-thirds scale unmanned version of the TriFan 600, generating pre-orders for the TriFan 600, and seeking funds from investors to enable the Company to build full-scale piloted prototypes of the TriFan 600, and to eventually engage in commercial production and sale of TriFan 600 aircraft.

Our RTLS solution leverages cutting-edge technologies such as IoT, AI, and big data analytics to provide real-time tracking and monitoring of assets, machines, and people within industrial environments. With our RTLS, businesses can achieve improved operational efficiency, enhanced safety and reduced costs. By having real-time visibility into operations, industrial organizations can make informed, data-driven decisions, minimize downtime, and ensure compliance with industry regulations.

Our full-stack Industrial IoT solution provides end-to-end visibility and control over a wide range of assets and devices. It is designed to help organizations optimize their operations and gain a competitive edge in today’s data-driven world. The turn-key platform integrates a range of technologies, including RTLS, sensor networks, edge computing, and big data analytics, to provide a comprehensive view of an organization's operations. We help organizations track the location and status of assets in real-time, identify inefficiencies, and make decisions that drive business growth. Our IoT stack covers all the technology layers, from the edge devices to the cloud. It includes hardware components such as sensors and gateways, a robust software platforms for data management and analysis, and a user-friendly dashboard for real-time monitoring and control. Our solutions also offer robust security features, to help ensure the protection of sensitive data. Additionally, our RTLS provides scalability and flexibility, allowing organizations to easily integrate it with their existing systems and add new capabilities as their needs evolve.

Corporate Strategy

Commercial Aviation

We intend to continue our development of the TriFan 600 by engaging key supply partners, establishing vendors of key components of the full-scale Test Aircraft #1, commissioning and completing trade studies, and completing the development design review of the TriFan 600. We will need additional capital to complete our development of the series of Test Aircraft and beyond and are pursuing multiple alternatives for such funding.

We will continue to develop an internal and external sales and marketing capability to increase awareness of the aircraft and position the Company to continue taking customer orders and deposits. We believe that increasing awareness of the aircraft and demonstrating customer demand through sales orders will enhance the Company's ability to continue raising capital in the future.

We do not believe we will be able to generate revenues in this commercial aviation segment without successfully completing the certification of the proposed TriFan 600 aircraft. We cannot determine with certainty the timing, duration or the costs necessary to complete the design, development, certification, and manufacturing of our TriFan 600 aircraft due to the inherently unpredictable nature of our research and development activities. Development timelines, the probability of success, and development costs may differ materially from expectations.

Industrial IoT

Since 2019 and post-XTI Merger, our operations have been focused on building and developing our Indoor Intelligence™ platform to be able to offer a comprehensive range of solutions that allow for the collection of data within workplace environments to delivering insights from that data for, people, places and things. We believe we have positioned the Industrial IoT business as a market leader with a comprehensive suite of products and solutions allowing us to help organizations enhance the visitor and employee experience with actionable indoor intelligence making them smarter, safer and more secure. We operate and compete in an industry that is characterized by rapid technological innovation, changing customer needs, evolving industry standards and frequent introductions of new products, product enhancements, services and distribution methods. Our success will depend on our ability to develop expertise with these new products, product enhancements, services and distribution methods and to implement solutions that anticipate and respond to rapid changes in technology, the industry, and customer needs.

Corporate Information

We were originally formed in the State of Nevada in April 1999. We have two direct, wholly-owned operating subsidiaries: XTI Aircraft Company, based in Englewood, Colorado (at our corporate headquarters), and Inpixon GmbH (previously Nanotron Technologies GmbH), based in Berlin, Germany. IntraNav GmbH, based in Eschborn, Germany, is an indirect subsidiary of the Company and the wholly-owned subsidiary of Inpixon GmbH.

Our principal executive offices are located at Centennial Airport at 8123 InterPort Blvd., Suite C, Englewood, Colorado 80112. This facility houses our principal executive office, finance, and other administrative activities, although our employees and consultants mostly work remotely. Our engineers are working remotely throughout the United States and Germany. We also sublease office space in Palo Alto, California. Two of our subsidiaries, Inpixon GmbH and IntraNav GmbH, maintain offices in Berlin Germany, and Eschborn, Germany, respectively.

Our telephone number is (800) 680-7412. Our Internet website is www.xtiaerospace.com. The information on, or that can be accessed through, our website is not part of this prospectus, and you should not rely on any such information in making any investment decision relating to our securities. For a description of our business, financial condition, results of operations and other important information regarding us, we refer you to our filings with the SEC incorporated by reference in this prospectus. For instructions on how to find copies of these documents, see "Where You Can Find More Information."

RISK FACTORS

Investing in any securities offered pursuant to this prospectus involves a high degree of risk. Please see the risk factors set forth in Part I, Item 1A of our Annual Report on Form 10-K and other filings we make with the SEC, which are incorporated by reference in this prospectus. Additional risk factors may be included in a prospectus supplement relating to a particular offering of securities. Before making an investment decision, you should carefully consider these risks as well as other information we include or incorporate by reference in this prospectus. The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business operations. These risks could materially affect our business, results of operations or financial condition and cause the value of our securities to decline.

USE OF PROCEEDS

Unless we state otherwise in an accompanying prospectus supplement, we intend to use the net proceeds from the sale of the securities offered by us in primary offerings under this prospectus and any related prospectus supplement for general corporate purposes. These purposes may include working capital, acquisitions, retirement of debt and other business opportunities. Pending the application of the net proceeds, we may invest the proceeds in short-term, interest-bearing instruments or other investment-grade securities. We cannot estimate precisely the allocation of the net proceeds from these offerings. Accordingly, our management team will have broad discretion in the application of the net proceeds of these offerings, if any.

DILUTION

We will set forth in a prospectus supplement the following information regarding any material dilution of the equity interests of investors purchasing securities sold by the Company in a primary offering under this prospectus:

- the net tangible book value per share of our equity securities before and after the offering;
- the amount of the increase in such net tangible book value per share attributable to the cash payments made by purchasers in the offering; and
- the amount of the immediate dilution from the public offering price which will be absorbed by such purchasers.

DESCRIPTION OF THE SECURITIES THAT MAY BE OFFERED

The Securities We May Offer

Description of Common Stock

The following summary of the rights of our common stock is not complete and is subject to and qualified in its entirety by reference to our Articles of Incorporation and bylaws, copies of which have been filed with the SEC and are incorporated by reference as exhibits to the registration statement of which this prospectus is a part. See “*Where You Can Find More Information.*”

We have authorized 505,000,000 shares of capital stock, par value \$0.001 per share, of which 500,000,000 are shares of common stock and 5,000,000 are shares of “blank check” preferred stock.

As of June 14, 2024, we had 26,831,422 shares of common stock outstanding. Our authorized but unissued shares of common stock are available for issuance without further action by our stockholders, unless such action is required by applicable law or the rules of any stock exchange or automated quotation system on which our securities may be listed or traded.

The holders of our common stock are entitled to one vote per share. In addition, the holders of our common stock will be entitled to receive pro rata dividends, if any, declared by our board of directors out of legally available funds; however, the current policy of our board of directors is to retain earnings, if any, for operations and growth. Upon liquidation, dissolution or winding-up, the holders of our common stock are entitled to share ratably in all assets that are legally available for distribution. The holders of our common stock have no preemptive, subscription, redemption or conversion rights. The rights, preferences and privileges of holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of any series of preferred stock, which may be designated solely by action of our board of directors and issued in the future.

In the event of our liquidation, dissolution or winding up, the holders of our common stock are entitled to receive pro rata our assets which are legally available for distribution, after payments of all debts and other liabilities and subject to the prior rights of any holders of preferred stock then outstanding. All of the outstanding shares of our common stock are fully paid and non-assessable. The shares of common stock offered by this prospectus will also be fully paid and non-assessable.

Our common stock is listed on the Nasdaq Capital Market under the symbol “XTIA”. On June 13, 2024, the closing price of our common stock as reported by the Nasdaq Capital Market was \$0.4444 per share. Our stock transfer agent is Computershare Trust Company, N.A., 150 Royall Street, Suite 101, Canton, MA 02021.

Description of Preferred Stock

Our articles of incorporation permits us to issue up to 5,000,000 shares of preferred stock in one or more series and with rights and preferences that may be fixed or designated by our board of directors without any further action by our stockholders. Each series of preferred stock will have the number of shares, designations, preferences, voting powers, qualifications and special or relative rights or privileges as shall be determined by our board of directors, which may include, among others, dividend rights, voting rights, liquidation preferences, conversion rights and preemptive rights.

It is not possible to state the actual effect of the issuance of any shares of preferred stock upon the rights of holders of our common stock until the board of directors determines the specific rights of the holders of our preferred stock. However, the effects might include, among other things:

- Impairing dividend rights of our common stock;
- Diluting the voting power of our common stock;
- Impairing the liquidation rights of our common stock; and
- Delaying or preventing a change of control without further action by our stockholders.

Series 4 Preferred Stock

Our board of directors designated 10,415 shares of preferred stock as Series 4 Convertible Preferred Stock, \$0.001 par value with a stated value of \$1,000 (the “Series 4 Preferred Stock”). The Series 4 Preferred Stock was originally issued in our public offering of securities consummated on April 24, 2018. As of June 14, 2024, there was 1 share of Series 4 Preferred Stock outstanding convertible into 1 share of common stock.

Our board of directors may, without stockholder approval, issue shares of an additional class or series of preferred stock with voting and conversion rights which could adversely affect the voting power of the holders of the Series 4 Preferred Stock, except as prohibited by the certificate of designation of preferences, rights and limitations of the Series 4 Preferred Stock.

Liquidation. Upon any dissolution, liquidation or winding up, whether voluntary or involuntary, holders of Series 4 Preferred Stock will be entitled to receive distributions out of our assets, whether capital or surplus, of the same amount that a holder of common stock would receive if the Series 4 Preferred Stock were fully converted (disregarding for such purposes any conversion limitations hereunder) to common stock which amounts will be paid *pari passu* with all holders of common stock.

Dividends. Holders of the Series 4 Preferred Stock will be entitled to receive dividends equal (on an “as converted to common stock” basis) to and in the same form as dividends actually paid on shares of our common stock when, as and if such dividends are paid on shares of our common stock. No other dividends will be paid on shares of Series 4 Preferred Stock.

Conversion. Each share of Series 4 Preferred Stock is convertible, at any time and from time to time at the option of the holder thereof, into that number of shares of common stock determined by dividing the stated value of \$1,000 by the current conversion price equal to \$1,674,000 per share (subject to adjustment described below). This right to convert is limited by the beneficial ownership limitation described below.

Anti-Dilution Protection. The Series 4 Preferred contain an anti-dilution protection feature, to adjust the conversion price if shares of common stock are sold or issued for a consideration per share less than the conversion price then in effect (subject to certain exemptions), provided, that the conversion price will not be less than \$1,674,000.

Beneficial Ownership Limitation. A holder will have no right to convert any portion of Series 4 Preferred Stock, to the extent that, after giving effect to such conversion, such holder, together with such holder's affiliates, and any persons acting as a group together with such holder or any such affiliate, would beneficially own in excess of 4.99% (or, upon election of a purchaser prior to the issuance of any shares, 9.99%) of the number of shares of common stock outstanding immediately after giving effect to the issuance of shares of common stock upon such conversion (subject to the right of the holder to increase such beneficial ownership limitation upon notice to us, provided that any increase in beneficial ownership limitation will not be effective until 61 days following notice to us and provided that such limitation can never exceed 9.99% and such 61 day period cannot be waived). Beneficial ownership of the holder and its affiliates will be determined in accordance with Section 13(d) of the Exchange Act, and the rules and regulations promulgated thereunder. Holders of Series 4 Preferred Stock who are subject to such beneficial ownership limitation are and will remain responsible for ensuring their own compliance with Regulation 13D-G promulgated under the Exchange Act, consistent with their individual facts and circumstances. In addition, pursuant to Rule 13d-3(d)(1)(i) promulgated under the Exchange Act, any person who acquires Series 4 Preferred Stock with the purpose or effect of changing or influencing the control of our company, or in connection with or as a participant in any transaction having such purpose or effect, immediately upon such acquisition will be deemed to be the beneficial owner of the underlying common stock.

Series 5 Preferred Stock

Our board of directors designated 12,000 shares of preferred stock as Series 5 Convertible Preferred Stock, \$0.001 par value with a stated value of \$1,000 (the “Series 5 Preferred Stock”). The Series 5 Preferred Stock was originally issued in our rights offering consummated on January 15, 2019. As of June 14, 2024, there were 126 shares of Series 5 Preferred Stock outstanding convertible into 1 share of common stock. Our board of directors may, without stockholder approval, issue shares of an additional class or series of preferred stock with voting and conversion rights which could adversely affect the voting power of the holders of the Series 5 Preferred Stock, except as prohibited by the certificate of designation of preferences, rights and limitations of the Series 5 Preferred Stock.

Conversion. Each share of Series 5 Preferred Stock will be convertible at the option of the holder at any time, into the number of shares of our common stock determined by dividing the \$1,000 stated value per share of the Series 5 Preferred Stock by a conversion price of \$1,123,875 per share. In addition, the conversion price per share is subject to adjustment for stock dividends, distributions, subdivisions, combinations or reclassifications. Subject to limited exceptions, a holder of the Series 5 Preferred Stock will not have the right to convert any portion of the Series 5 Preferred Stock to the extent that, after giving effect to the conversion, the holder, together with its affiliates, would beneficially own in excess of 4.99% (subject to adjustment to up to 9.99% solely at the holder’s discretion upon 61 days’ prior notice to us) of the number of shares of our common stock outstanding immediately after giving effect to its conversion.

Fundamental Transactions. In the event we effect certain mergers, consolidations, sales of substantially all of our assets, tender or exchange offers, reclassifications or share exchanges in which our common stock is effectively converted into or exchanged for other securities, cash or property, we consummate a business combination in which another person acquires 50% of the outstanding shares of our common stock, or any person or group becomes the beneficial owner of 50% of the aggregate ordinary voting power represented by our issued and outstanding common stock, then, upon any subsequent conversion of the Series 5 Preferred Stock, the holders of the Series 5 Preferred Stock will have the right to receive any shares of the acquiring corporation or other consideration it would have been entitled to receive if it had been a holder of the number of shares of common stock then issuable upon conversion in full of the Series 5 Preferred Stock.

Dividends. Holders of Series 5 Preferred Stock will be entitled to receive dividends (on an as-if-converted-to-common-stock basis) in the same form as dividends actually paid on shares of the common stock when, as and if such dividends are paid on shares of common stock.

Voting Rights. Except as otherwise provided in the certificate of designation or as otherwise required by law, the Series 5 Preferred Stock has no voting rights.

Liquidation Preference. Upon our liquidation, dissolution or winding-up, whether voluntary or involuntary, holders of Series 5 Preferred Stock will be entitled to receive out of our assets, whether capital or surplus, the same amount that a holder of common stock would receive if the Series 5 Preferred Stock were fully converted (disregarding for such purpose any conversion limitations under the certificate of designation) to common stock, which amounts will be paid pari passu with all holders of common stock.

Redemption Rights. We are not obligated to redeem or repurchase any shares of Series 5 Preferred Stock. Shares of Series 5 Preferred Stock are not otherwise entitled to any redemption rights, or mandatory sinking fund or analogous provisions.

Series 9 Preferred Stock

On March 12, 2024, the Company filed the Certificate of Designations of Preferences and Rights of Series 9 Preferred Stock (as amended, the “Certificate of Designation”), with the Secretary of State of Nevada, designating 20,000 shares of preferred stock, par value \$0.001 of the Company, as Series 9 Preferred Stock, which was amended by the Certificate of Amendment to Designations of Preferences and Rights of Series 9 Preferred Stock filed by the Company with the Secretary of State of Nevada on April 30, 2024. Each share of Series 9 Preferred Stock has a stated face value of \$1,050.00 (“Stated Value”). The Series 9 Preferred Stock is not convertible into shares of common stock of the Company. As of June 14, 2024, there were 7,752 shares of Series 9 Preferred Stock outstanding.

Each share of Series 9 Preferred Stock will accrue a rate of return on the Stated Value in the amount of 10% per year, compounded annually to the extent not paid, and pro rata for any fractional year periods (the “Preferred Return”). The Preferred Return will accrue on each share of Series 9 Preferred Stock from the date of issuance and will be payable on a quarterly basis, either in cash or through the issuance of an additional number of shares of Series 9 Preferred Stock equal to (i) the Preferred Return then accrued and unpaid, divided by (ii) the Stated Value, at the Company’s discretion.

Commencing on the one-year anniversary of the respective issuance date of each share of Series 9 Preferred Stock, each such share of Series 9 Preferred Stock will accrue an automatic quarterly dividend, based on three quarters of 91 days each and the last quarter of 92 days (or 93 days for leap years), which will be calculated on the Stated Value of such share of Series 9 Preferred Stock, and which will be payable in additional shares of Series 9 Preferred Stock, based on the Stated Value, or in cash as set forth in the Certificate of Designation (each, as applicable, the “Quarterly Dividend”). For the period beginning on the one-year anniversary of the issuance date of a share of Series 9 Preferred Stock to the two-year anniversary of the issuance date of each share of Series 9 Preferred Stock, the Quarterly Dividend will be 2% per quarter in respect of such share, and for all periods following the two-year anniversary of the issuance date of each share of Series 9 Preferred Stock, the Quarterly Dividend will be 3% per quarter in respect of such share.

If at any time while any share of Series 9 Preferred Stock is outstanding, the Company undergoes or enters into a Fundamental Transaction (as defined in the Certificate of Designation), the Company will cause any successor entity in any such Fundamental Transaction in which the Company is not the surviving company, to assume in writing all of the obligations of the Company under the Certificate of Designation. Subject to the terms and conditions in the Certificate of Designation, the Company may, at any time, elect to redeem all, but not less than all, of the shares of Series 9 Preferred Stock issued and outstanding from all of the Series 9 Preferred Stock holders by paying an amount in cash (or, if accepted by the Series 9 Preferred Stock holder, securities or other property of the Company) equal to the Series 9 Preferred Liquidation Amount (as defined in the Certificate of Designation) applicable to such shares of Series 9 Preferred Stock being redeemed. The Series 9 Preferred Liquidation Amount per share is determined as the Stated Value per share plus any accrued but unpaid Preferred Return, and any accrued and unpaid Quarterly Dividend at that time.

The Series 9 Preferred Stock confers no voting rights on its holders, except with respect to matters that materially and adversely affect the rights or preferences of the Series 9 Preferred Stock or such matters specified in the Certificate of Designation that require the consent of holders of at least a majority of the outstanding shares of Series 9 Preferred Stock.

The Certificate of Designation contains certain obligations of the Company, such that until such time as no shares of Series 9 Preferred Stock remain outstanding, the Company and its subsidiaries are required to comply with certain covenants with respect to Fundamental Transactions, the Company’s status as a publicly-traded company and an SEC reporting company, and other matters set forth in the Certificate of Designation, unless otherwise consented to by holders of at least a majority of the outstanding Series 9 Preferred Stock.

Description of Subscription Rights

We may issue subscription rights to purchase shares of our common stock, preferred stock or other securities. These subscription rights may be issued independently or together with any other security offered hereby and may or may not be transferable by the stockholder receiving the subscription rights in such offering. In connection with any offering of subscription rights, we may enter into a standby arrangement with one or more underwriters or other purchasers pursuant to which the underwriters or other purchasers may be required to purchase any securities remaining unsubscribed for after such offering.

The applicable prospectus supplement will describe the specific terms of any offering of subscription rights for which this prospectus is being delivered, including the following:

- the price, if any, for the subscription rights;
- the exercise price payable for each share of common stock or preferred stock upon the exercise of the subscription rights;
- the number of subscription rights issued to each stockholder;
- the number and terms of the shares of common stock or preferred stock which may be purchased per each subscription right;
- the extent to which the subscription rights are transferable;
- any other terms of the subscription rights, including the terms, procedures and limitations relating to the exchange and exercise of the subscription rights;
- the date on which the right to exercise the subscription rights shall commence, and the date on which the subscription rights shall expire;
- the extent to which the subscription rights may include an over-subscription privilege with respect to unsubscribed securities; and
- if applicable, the material terms of any standby underwriting or purchase arrangement entered into by us in connection with the offering of subscription rights.

The description in the applicable prospectus supplement of any subscription rights we offer will not necessarily be complete and will be qualified in its entirety by reference to the applicable subscription rights certificate, which will be filed with the SEC if we offer subscription rights.

Description of Units

We may, from time to time, issue units comprised of one or more of the other securities described in this prospectus in any combination. A prospectus supplement will describe the specific terms of the units offered under that prospectus supplement, and any special considerations applicable to investing in those units. You must look at the applicable prospectus supplement and any applicable unit agreement for a full understanding of the specific terms of any units. We will incorporate by reference into the registration statement of which this prospectus is a part the form of unit agreement, including a form of unit certificate, if any, that describes the terms of the series of units we are offering before the issuance of the related series of units. While the terms we have summarized below will generally apply to any future units that we may offer under this prospectus, we will describe the particular terms of any series of units that we may offer in more detail in the applicable prospectus supplement and incorporated documents. The terms of any units offered under a prospectus supplement may differ from the terms described below.

General

We may issue units consisting of common stock, preferred stock, warrants or any combination thereof. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time, or at any time before a specified date.

We will describe in the applicable prospectus supplement and any incorporated documents the terms of the series of units, including the following:

- the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- any unit agreement under which the units will be issued; and
- any provisions for the issuance, payment, settlement, transfer, or exchange of the units or of the securities comprising the units.

The provisions described in this section, as well as those described under “Description of Common Stock,” “Description of Preferred Stock,” and “Description of Warrants” will apply to each unit and to any common stock, preferred stock or warrant included in each unit, respectively.

Issuance in Series

We may issue units in such amounts and in such numerous distinct series as we determine.

Enforceability of Rights by Holders of Units

Each unit agent will act solely as our agent under the applicable unit agreement and will not assume any obligation or relationship of agency or trust with any holder of any unit. A single bank or trust company may act as unit agent for more than one series of units. A unit agent will have no duty or responsibility in case of any default by us under the applicable unit agreement or unit, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a unit, without the consent of the related unit agent or the holder of any other unit, may enforce by appropriate legal action its rights as holder under any security included in the unit.

Title

We, the unit agent, and any of their agents may treat the registered holder of any unit certificate as an absolute owner of the units evidenced by that certificate for any purposes and as the person entitled to exercise the rights attaching to the units so requested, despite any notice to the contrary.

Description of Warrants

Warrants to Purchase Common Stock, Preferred Stock

We may issue warrants for the purchase of common stock or preferred stock. We may issue warrants independently or together with any offered securities. The warrants may be attached to or separate from those offered securities. We may issue the warrants under warrant agreements to be entered into between us and a bank or trust company to be named in the applicable prospectus supplement, as warrant agent, all as described in the applicable prospectus supplement. The warrant agent will act solely as our agent in connection with the warrants and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants. If we offer warrants, we will file the warrant agreement relating to the offered warrants as an exhibit to, or incorporate it by reference in, the registration statement of which this prospectus is a part.

The prospectus supplement relating to any warrants that we may offer will contain the specific terms of the warrants. These terms may include the following:

- the title of the warrants;
- the price or prices at which the warrants will be issued;
- the designation, amount and terms of the securities for which the warrants are exercisable;
- the designation and terms of the other securities, if any, with which the warrants are to be issued and the number of warrants issued with each other security;
- the aggregate number of warrants;
- any provisions for adjustment of the number or amount of securities receivable upon exercise of the warrants or the exercise price of the warrants;
- the price or prices at which the securities purchasable upon exercise of the warrants may be purchased;
- if applicable, the date on and after which the warrants and the securities purchasable upon exercise of the warrants will be separately transferable;
- a discussion of any material U.S. federal income tax considerations applicable to the exercise of the warrants;
- the date on which the right to exercise the warrants will commence, and the date on which the right will expire;
- the maximum or minimum number of warrants that may be exercised at any time;
- information with respect to book-entry procedures, if any; and
- any other terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Exercise of Warrants

Each warrant will entitle the holder of warrants to purchase for cash the amount of common stock or preferred stock at the exercise price stated or determinable in the prospectus supplement for the warrants. Warrants may be exercised at any time up to the close of business on the expiration date shown in the applicable prospectus supplement, unless otherwise specified in such prospectus supplement. After the close of business on the expiration date, if applicable, unexercised warrants will become void. Warrants may be exercised as described in the applicable prospectus supplement. When the warrant holder makes the payment and properly completes and signs the warrant certificate at the corporate trust office of the warrant agent or any other office indicated in the prospectus supplement, we will, as soon as possible, forward the common stock or preferred stock that the warrant holder has purchased. If the warrant holder exercises the warrant for less than all of the warrants represented by the warrant certificate, we will issue a new warrant certificate for the remaining warrants.

Outstanding Warrants

As of June 14, 2024, there were warrants outstanding to purchase up to a total of 289,215 shares of our common stock, which expire between 2024 and 2029. Each of these warrants entitles the holder to purchase one share of common stock at current prices ranging from \$0.12 to \$93,656.25 per share.

October 2022 Warrants

On October 18, 2022, we entered into a securities purchase agreement with an institutional investor named therein, pursuant to which, among other things, we issued warrants to purchase up to 38,462 shares of our common stock (the “October 2022 Warrants”), all of which are outstanding as of June 14, 2024. The October 2022 Warrants have an exercise price of \$585.00 per share. Each October 2022 Warrant is exercisable for one share of common stock and expires five years from the issuance date. The exercise price and number of shares of common stock issuable upon exercise are subject to appropriate adjustment in the event of stock dividends, stock splits, reorganizations or similar events affecting our common stock.

Exercisability. The October 2022 Warrants are exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice accompanied by payment in full for the number of shares of our common stock purchased upon such exercise (except in the case of a cashless exercise as discussed below). A holder (together with its affiliates) may not exercise any portion of such holder’s October 2022 Warrants to the extent that the holder would own more than 4.99% of our outstanding common stock immediately after exercise, except that upon notice from the holder to us, the holder may decrease or increase the limitation of ownership of outstanding stock after exercising the holder’s October 2022 Warrants up to 9.99% of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the October 2022 Warrants, provided that any increase in such limitation will not be effective until 61 days following notice to us.

Cashless Exercise. If, at the time a holder exercises its October 2022 Warrants, a registration statement registering the issuance of the shares of common stock underlying the October 2022 Warrants under the Securities Act is not then effective or available for the issuance of such shares, then in lieu of making the cash payment otherwise contemplated to be made to us upon such exercise in payment of the aggregate exercise price, the holder may elect instead to receive upon such exercise (either in whole or in part) the net number of shares of common stock determined according to a formula set forth in the October 2022 Warrants.

Transferability. An October 2022 Warrant may be transferred at the option of the holder upon surrender of the October 2022 Warrant to us together with the appropriate instruments of transfer.

Fractional Shares. No fractional shares of common stock will be issued upon the exercise of the October 2022 Warrants. Rather, the number of shares of common stock to be issued will, at our election, either be rounded up to the nearest whole number or we will pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the exercise price.

Trading Market. There is no established trading market for any of the October 2022 Warrants, and we do not expect a market to develop. We have not applied for a listing for any of the October 2022 Warrants on any securities exchange or other nationally recognized trading system. Without an active trading market, the liquidity of the October 2022 Warrants is limited.

Rights as a Stockholder. Except as otherwise provided in the October 2022 Warrants or by virtue of the holders’ ownership of shares of our common stock, the holders of October 2022 Warrants do not have the rights or privileges of holders of our common stock, including any voting rights, until such October 2022 Warrant holders exercise their October 2022 Warrants.

Fundamental Transaction. In the event of a fundamental transaction, as described in the October 2022 Warrants and generally including any reorganization, recapitalization or reclassification of our common stock, the sale, transfer or other disposition of all or substantially all of our properties or assets, our consolidation or merger with or into another person whereby the stockholders of the Company immediately prior to such merger or consolidation do not own, directly or indirectly, at least 50% of the voting power of the surviving entity immediately after such merger or consolidation, the acquisition of more than 50% of our outstanding common stock, or any person or group becoming the beneficial owner of 50% of the voting power represented by our outstanding common stock, the holders of the October 2022 Warrants will be entitled to receive upon exercise of the October 2022 Warrants prior to the occurrence of the fundamental transaction, the kind and amount of securities, cash or other property receivable by a holder of the corresponding amount of shares of common stock for which the warrant is being exercised immediately prior to such fundamental transaction.

Waivers and Amendments. No term of the October 2022 Warrants may be amended or waived without the written consent of the holders of a majority of the then outstanding October 2022 Warrants (based on the number of warrant shares then underlying such October 2022 Warrants), provided that if any amendment, modification or waiver disproportionately and adversely impacts a holder (or group of holders), the consent of such disproportionately impacted holder (or group of holders) will also be required.

August 2019 Series A Warrants

In connection with an underwriting agreement dated August 12, 2019, we issued Series A warrants to purchase shares of common stock. As of June 14, 2024, there were outstanding Series A warrants to purchase up to 15 shares of common stock at an exercise price of \$93,656.25 per share.

Exercisability. The Series A warrants are exercisable at any time after their original issuance and expire on the fifth anniversary of the original issuance date. The Series A warrants are exercisable, at the option of each holder, in whole or in part, by delivering to us a duly executed exercise notice and, at any time a registration statement registering the issuance of the shares of common stock underlying the Series A warrants under the Securities Act is effective and available for the issuance of such shares, or an exemption from registration under the Securities Act is available for the issuance of such shares, by payment in full in immediately available funds for the number of shares of common stock purchased upon such exercise. A holder will not have the right to exercise any portion of the Series A warrant if the holder (together with its affiliates) would beneficially own in excess of 4.99% (or, upon election of the holder, up to 9.99%) of the number of shares of our common stock outstanding immediately after giving effect to the exercise, as such percentage ownership is determined in accordance with the terms of the Series A warrants. However, any holder may increase or decrease such percentage, provided that any increase will not be effective until the 61st day after such election.

Exercise Price. The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our common stock and also upon any distributions of assets, including cash, stock or other property to our stockholders.

Cashless Exercise. If, at the time a holder exercises its Series A warrants, a registration statement registering the issuance of the shares of common stock underlying the Series A warrants under the Securities Act is not then effective or available, then in lieu of making the cash payment otherwise contemplated to be made to us upon such exercise in payment of the aggregate exercise price, the holder may elect instead to receive upon such exercise (either in whole or in part) the net number of shares of common stock determined according to a formula set forth in the Series A warrants. In addition, the Series A warrants also provide that, beginning on the earlier of the date that is 30 days after the public announcement of the pricing of these warrants' offering or the date on which a total of more than 60,000,000 shares of our common stock (subject to adjustment for stock dividends, distributions, subdivisions, combinations or reclassifications) have traded since the public announcement of the pricing of such offering, the Series A warrants may be exercised at the option of the holder on a cashless basis, in whole or in part for all of the shares that would be received upon cash exercise, if on the date of exercise, the volume weighted average price of our common stock is lower than three times the then applicable exercise price per share.

Transferability. Subject to applicable laws, the Series A warrants may be offered for sale, sold, transferred or assigned without our consent.

Fractional Shares. No fractional shares of common stock will be issued in connection with the exercise of a Series A warrant. In lieu of fractional shares, we will pay the holder, at our election, either an amount of cash equal to the fractional amount multiplied by the exercise price or round up to the next whole share.

Exchange Listing. There is no established trading market for the Series A warrants and we do not expect a market to develop. We have not applied for the listing of the Series A warrants on any national securities exchange or other trading market. Without an active trading market, the liquidity of the Series A warrants is limited.

Fundamental Transactions. If we effect a fundamental transaction, then upon any subsequent exercise of the Series A warrants, the holder thereof will have the right to receive, for each share of common stock that would have been issuable upon such exercise immediately prior to the occurrence of such fundamental transaction, the number of shares of the successor's or acquiring corporation's common stock or of our common stock, if we are the surviving corporation, and any additional consideration receivable as a result of such fundamental transaction by a holder of the number of shares of common stock into which the Series A warrants are exercisable immediately prior to such fundamental transaction. A fundamental transaction means: (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another entity; (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions; (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another party) is completed pursuant to which holders of common stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding common stock; (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the common stock or any compulsory share exchange pursuant to which the common stock is effectively converted into or exchanged for other securities, cash or property; or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another party whereby such other party or group acquires more than 50% of the outstanding shares of common stock (not including any shares of common stock held by the other party making or party to, or associated or affiliated with the other parties making or party to, such stock or share purchase agreement or other business combination). Any successor to us or surviving entity will assume the obligations under the Series A warrants and will, at the option of the holder, deliver to the holder in exchange for the Series A warrant a security of the successor entity which is exercisable for a corresponding number of shares of capital stock of such successor entity equivalent to the shares of common stock acquirable and receivable upon exercise of the Series A warrant prior to such fundamental transaction, and with an exercise price which applies the exercise price under the Series A warrant to such shares of capital stock (but taking into account the relative value of the shares of common stock pursuant to such fundamental transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of the Series A warrant immediately prior to the consummation of such fundamental transaction). In addition, as further described in the Series A warrants, in the event of any fundamental transaction, the holders of the Series A warrants will have the right to require us to purchase the Series A warrants for an amount in cash equal to the value of the Series A warrant based on the Black and Scholes Option Pricing Model obtained from the "OV" function on Bloomberg, L.P. ("Bloomberg") determined as of the day of consummation of the applicable fundamental transaction for pricing purposes and reflecting (A) a risk-free interest rate corresponding to the U.S. Treasury rate for a period equal to the time between the date of the public announcement of the applicable fundamental transaction and the termination date, (B) an expected volatility equal to the greater of 100% and the 100 day volatility obtained from the HVT function on Bloomberg as of the trading day immediately following the public announcement of the applicable fundamental transaction (determined utilizing a 365 day annualization factor), (C) the underlying price per share used in such calculation will be the greater of (i) the sum of the price per share being offered in cash, if any, plus the value of any non-cash consideration, if any, being offered in such fundamental transaction and (ii) the highest VWAP (as defined in the Series A warrant) during the period beginning on the trading day immediately preceding the announcement of the applicable fundamental transaction and ending on the trading day immediately preceding the consummation of the applicable fundamental transaction, (D) a remaining option time equal to the time between the date of the public announcement of the applicable fundamental transaction and the termination date and (E) a zero cost of borrow ("Black Scholes Value"), provided, however, if the fundamental transaction is not within our control, including not approved by our board of directors, the holders will only be entitled to receive from the Company or any successor entity, as of the date of consummation of such fundamental transaction, the same type or form of consideration (and in the same proportion), at the Black Scholes Value) of the unexercised portion of the Series A warrant, that is being offered and paid to the holders of common stock of the Company in connection with the fundamental transaction.

Rights as a Stockholder. Except as otherwise provided in the Series A warrants or by virtue of such holder's ownership of shares of our common stock, the holder of a Series A warrant does not have the rights or privileges of a holder of our common stock, including any voting rights, until the holder exercises the Series A warrant.

Waivers and Amendments. No term of the Series A warrants may be amended or waived without the written consent of the holders of at least two-thirds of the then outstanding Series A warrant (based on the number of warrant shares then underlying such Series A warrants), provided that if any amendment, modification or waiver disproportionately and adversely impacts a holder (or group of holders), the consent of such disproportionately impacted holder (or group of holders) will also be required.

Assumed Warrants

The following is a brief summary of the material terms of outstanding warrants originally issued by Legacy XTI and assumed by us in connection with the closing of the XTI Merger on March 12, 2024. The exercise prices of such assumed warrants and the number of shares of our common stock issuable upon exercise thereof reflect the application of the XTI Merger exchange ratio pursuant to the terms of the XTI Merger Agreement.

Legacy XTI 2023 Warrants

In May 2023 and July 2023, Legacy XTI issued investors warrants to purchase shares of Legacy XTI common stock (the "Legacy XTI 2023 Warrants"). Notwithstanding the terms of the XTI Merger Agreement, the board of directors of Legacy XTI determined to adjust the exercise price of Legacy XTI 2023 Warrants held by an employee to \$5.29, effective as of the closing of the XTI Merger, as bonus consideration in exchange for such employee's services to Legacy XTI in connection with the XTI Merger. As of June 14, 2024, there were outstanding (i) Legacy XTI 2023 Warrants to purchase up to 2,231 shares of our common stock at an exercise price of \$16.81 per share and (ii) Legacy XTI 2023 Warrants to purchase up to 7,764 shares of our common stock at an exercise price of \$5.29 per share.

The Legacy XTI 2023 Warrants were immediately exercisable and expire on the five-year anniversary of the initial exercise date. The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our common stock. In addition, if there is a merger or a consolidation of the Company with or into another entity when the Company is not the surviving entity, or a sale of all or substantially all of the assets of the Company in one or a series of related transactions, then, as part of such merger, consolidation or sale of assets, a holder of a Legacy XTI 2023 Warrant will be entitled to receive upon exercise of such Legacy XTI 2023 Warrant, the number of shares of stock or other securities or property (including cash) of the successor entity resulting from such merger, consolidation or sale, that the holder would have received had such Legacy XTI 2023 Warrant been exercised in full immediately before such merger, consolidation or sale.

The Legacy XTI 2023 Warrants are nontransferable except with our consent.

No fractional shares of common stock will be issued in connection with the exercise of a Legacy XTI 2023 Warrant. In lieu of fractional shares, we will pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price.

The Legacy XTI 2023 Warrants prohibit the holders thereof from selling or otherwise transferring or disposing any Company securities (other than those securities included in the registration) during a period of up to 180 days following the effective date of the registration statement for a Company underwritten public offering or such shorter period to which the Company or any officer, director or shareholder of the Company, is subject under the terms and conditions of such underwritten public offering. The Legacy XTI 2023 Warrants further provide that the holders thereof agree to execute a market standoff agreement with the underwriters of such public offering in customary form consistent with the foregoing provisions.

Mesa Warrant

On February 2, 2022, Legacy XTI entered into a conditional aircraft purchase contract (the “Aircraft Purchase Agreement”) with Mesa Air Group, Inc. and Mesa Airlines, Inc. (“Mesa”) relating to the purchase of 100 TriFan 600 aircraft and in connection therewith, Legacy XTI issued Mesa a warrant to purchase shares of Legacy XTI common stock, which was amended as of April 3, 2022 and March 11, 2024 (as so amended, the “Mesa Warrant”). The Mesa Warrant contains conditional vesting criteria. One-third of the shares represented by the Mesa Warrant vested upon the execution and delivery of the Aircraft Purchase Agreement, one-sixth of the shares vested on March 11, 2024, and one-third of the shares will vest upon the acceptance of delivery and final purchase of the first TriFan 600 aircraft by Mesa pursuant to the Aircraft Purchase Agreement. One-sixth of unvested shares lapsed on March 12, 2024. The Mesa Warrant requires the parties to agree on an initial strategic public and industry announcement within 90 days of March 11, 2024 or such other time as the parties may mutually agree. The Mesa Warrant will expire on the earlier of (i) a liquidation event as defined therein and (ii) 5:00 p.m. Pacific time on February 2, 2029. As of June 14, 2024, there were 189,156 shares of our common stock underlying the Mesa Warrant at an exercise price of \$0.12 per share.

The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our common stock. In addition, if there is a merger or a consolidation of the Company with or into another entity when the Company is not the surviving entity, or a sale of all or substantially all of the assets of the Company in one or a series of related transactions, then, as part of such merger, consolidation or sale of assets, the holder of the Mesa Warrant will be entitled to receive upon exercise of the Mesa Warrant, the number of shares of stock or other securities or property (including cash) of the successor entity resulting from such merger, consolidation or sale, that the holder would have received had the Mesa Warrant been exercised in full immediately before such merger, consolidation or sale.

The holder may exercise the Mesa Warrant through a cashless exercise, in whole or in part, in which the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the Mesa Warrant. In addition, any portion of the Mesa Warrant that remains exercisable but unexercised will be exercised automatically on a cashless basis to the extent exercisable, upon the expiration date.

The Mesa Warrant is nontransferable except with our consent.

No fractional shares of common stock will be issued in connection with the exercise of the Mesa Warrant. In lieu of fractional shares, we will pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price.

Financing Warrants

From October 2017 to January 2019, Legacy XTI issued investors warrants to purchase shares of Legacy XTI common stock (the “Financing Warrants”) in connection with certain debt financings. As of June 14, 2024, there were outstanding (i) Financing Warrants to purchase up to 10,799 shares of our common stock at an exercise price of \$11.21 per share and (ii) Financing Warrants to purchase up to 9,996 shares of our common stock at an exercise price of \$16.81 per share.

The Financing Warrants were immediately exercisable and expire on the ten-year anniversary of the initial exercise date. The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our common stock. In addition, in case of any reclassification, capital reorganization, or change in the capital stock (including because of a change of control) of the Company (other than as a result of a subdivision, combination, or stock dividend), a holder of a Financing Warrant will have the right at any time before the expiration of such Financing Warrant to purchase, at a total price equal to that payable upon the exercise of the Financing Warrant, the kind and amount of shares of stock and other securities and property receivable in connection with such reclassification, reorganization, or change by a holder of the same number of shares of common stock as were purchasable by the holder immediately before such reclassification, reorganization, or change.

The Financing Warrants may be transferred at the option of the holder upon surrender of such warrants to us together with the appropriate instruments of transfer.

No fractional shares of common stock will be issued in connection with the exercise of a Financing Warrant. In lieu of fractional shares, we will pay the holder an amount in cash equal to the fractional amount multiplied by the exercise price.

Replacement Warrants

In December 2022, Legacy XTI issued warrants to purchase shares of Legacy XTI common stock (the “Replacement Warrants”) to certain transferees of a former service provider to whom Legacy XTI had previously granted a 10-year warrant to purchase shares of Legacy XTI common stock. As of June 14, 2024, there were outstanding Replacement Warrants to purchase up to 30,792 shares of our common stock at an exercise price of \$0.12 per share.

The Replacement Warrants were immediately exercisable upon issuance to the transferees and expire in May 2028. The exercise price is subject to appropriate adjustment in the event of certain stock dividends and distributions, stock splits, stock combinations, reclassifications or similar events affecting our common stock. In addition, if the Company consolidates or merges with or into another person or entity, or sells all or substantially all of its assets or stock or enters into any other similar transaction, liquidation, recapitalization or reorganization (any such action, a “Reorganization”), a holder of a Replacement Warrant will be entitled to receive, upon exercise of such Replacement Warrant, the number of shares of stock or other securities or property to which a holder of the number of shares of common stock that would otherwise have been deliverable upon exercise of such warrant would have been entitled upon such Reorganization if such Replacement Warrant had been exercised in full immediately prior to such Reorganization.

A holder may exercise the Replacement Warrants through a cashless exercise, in whole or in part, in which the holder would receive upon such exercise the net number of shares of common stock determined according to the formula set forth in the Replacement Warrants.

The Replacement Warrants may be transferred at the option of the holder upon surrender of such warrants to us together with the appropriate instruments of transfer.

The holders of the Replacement Warrants have certain information rights. The Replacement Warrants provide that we will, at all reasonable times during our normal business hours and upon reasonable notice, permit any authorized representative designated by a holder of a Replacement Warrant to visit and inspect any of our properties, including, without limitation, our books and records (and to make copies and extracts therefrom), and to discuss our affairs, finances and accounts with our officers, for the purposes of monitoring such holder’s investment in Legacy XTI, subject to the confidentiality provisions of that certain letter agreement, dated May 4, 2018, by and between Legacy XTI and the former service provider. In addition, we will provide the holder with such quarterly and annual financial statements and reports as it makes available to the holders of our Preferred Stock whenever such materials are provided to such holders.

Indemnification of Directors and Officers

Section 78.7502 of the Nevada Revised Statutes (“NRS”) provides, in general, that a corporation incorporated under the laws of the State of Nevada, as we are, may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding whether civil, criminal, administrative or investigative (other than a derivative action by or in the right of the corporation) by reason of the fact that such person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys’ fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person (a) is not liable pursuant to Section 73.138 of the NRS, and (b) acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal action or proceeding, had no reasonable cause to believe such person’s conduct was unlawful. In the case of a derivative action, a Nevada corporation may indemnify any such person against expenses (including attorneys’ fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit if such person (a) is not liable pursuant to Section 73.138 of the NRS, and (b) acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the corporation.

Our articles of incorporation and Bylaws provide that we will indemnify our directors, officers, employees and agents to the extent and in the manner permitted by the provisions of the NRS, as amended from time to time, subject to any permissible expansion or limitation of such indemnification, as may be set forth in any stockholders’ or directors’ resolution or by contract.

Any repeal or modification of these provisions approved by our stockholders will be prospective only and will not adversely affect any limitation on the liability of any of our directors or officers existing as of the time of such repeal or modification.

We are also permitted to maintain insurance on behalf of any director, officer, employee or other agent for liability arising out of his actions, whether or not the NRS would permit indemnification.

INsofar AS INDEMNIFICATION FOR LIABILITIES ARISING UNDER THE SECURITIES ACT OF 1933 MAY BE PERMITTED TO OUR DIRECTORS, OFFICERS AND CONTROLLING PERSONS PURSUANT TO THE FORGOING PROVISIONS OR OTHERWISE, WE HAVE BEEN INFORMED THAT, IN THE OPINION OF THE SECURITIES AND EXCHANGE COMMISSION, SUCH INDEMNIFICATION IS AGAINST PUBLIC POLICY AS EXPRESSED IN THAT ACT AND IS, THEREFORE, UNENFORCEABLE.

Anti-Takeover Effects of Nevada Law and our Articles of Incorporation and Bylaws

Our articles of incorporation, our bylaws and the Nevada Revised Statutes contain provisions that could delay or make more difficult an acquisition of control of our company not approved by our board of directors, whether by means of a tender offer, open market purchases, proxy contests or otherwise. These provisions have been implemented to enable us to develop our business in a manner that will foster our long-term growth without disruption caused by the threat of a takeover not deemed by our board of directors to be in the best interest of our company and our stockholders. These provisions could have the effect of discouraging third parties from making proposals involving an acquisition or change of control of our company even if such a proposal, if made, might be considered desirable by a majority of our stockholders. These provisions may also have the effect of making it more difficult for third parties to cause the replacement of our current management without the concurrence of our board of directors.

Set forth below is a description of the provisions contained in our articles of incorporation, bylaws and Nevada Revised Statutes that could impede or delay an acquisition of control of our company that our board of directors has not approved. This description is intended as a summary only and is qualified in its entirety by reference to our articles of incorporation and bylaws, forms of each of which are included as exhibits to the registration statement of which this prospectus forms a part.

Authorized But Unissued Preferred Stock

We are currently authorized to issue a total of 5,000,000 shares of preferred stock. Our articles of incorporation provide that the board of directors may issue preferred stock by resolutions, without any action of the stockholders. In the event of a hostile takeover, the board of directors could potentially use this preferred stock to preserve control.

Filling Vacancies

Our bylaws establish that the board shall be authorized to fill any vacancies on the board arising due to the death, resignation or removal of any director. The board is also authorized to fill vacancies if the stockholders fail to elect the full authorized number of directors to be elected at any annual or special meeting of stockholders. Vacancies in the board may be filled by a majority of the remaining directors then in office, even though less than a quorum of the board, or by a sole remaining director.

Removal of Directors

The provisions of our bylaws may make it difficult for our stockholders to remove one or more of our directors. Our bylaws provide that the entire board of directors, or any individual director, may be removed from office at any special meeting of stockholders called for such purpose by vote of the holders of two-thirds of the voting power entitling the stockholders to elect directors in place of those to be removed. Furthermore, according to our bylaws, no director may be removed (unless the entire board is removed) when the votes cast against removal or not consenting in writing to such removal would be sufficient to elect such director if voted cumulatively at an election at which the same total number of votes were cast (or, if such action is taken by written consent, all shares entitled to vote, were voted) and the entire number of directors authorized at the time of the directors' most recent election were then being elected. Our bylaws also provide that when, by the provisions of our articles of incorporation, the holders of the shares of any class or series voting as a class or series are entitled to elect one or more directors, any director so elected may be removed only by the applicable vote of the holders of the shares of that class or series.

Board Action Without Meeting

Our bylaws provide that the board may take action without a meeting if all the members of the board consent to the action in writing. Board action through consent allows the board to make swift decisions, including in the event that a hostile takeover threatens current management.

No Cumulative Voting

Our bylaws and articles of incorporation do not provide the right to cumulate votes in the election of directors. This provision means that the holders of a plurality of the shares voting for the election of directors can elect all of the directors. Non-cumulative voting makes it more difficult for an insurgent minority stockholder to elect a person to the board of directors.

Stockholder Proposals

Except to the extent required under applicable laws, we are not required to include on our proxy card, or describe in our proxy statement, any information relating to any stockholder proposal and disseminated in connection with any meeting of stockholders.

Amendments to Articles of Incorporation and Bylaws

Our articles of incorporation give both the directors and the stockholders the power to adopt, alter or repeal the bylaws of the corporation. Any adoption, alteration, amendment, change or repeal of the bylaws by the stockholders requires an affirmative vote by a majority of the outstanding stock of the company. Any bylaw that has been adopted, amended, or repealed by the stockholders may be amended or repealed by the board, except that the board shall have no power to change the quorum for meetings of stockholders or of the board or to change any provisions of the bylaws with respect to the removal of directors or the filling of vacancies in the board resulting from the removal by the stockholders. Any proposal to amend, alter, change or repeal any provision of our articles of incorporation requires approval by the affirmative vote of a majority of the voting power of all of the classes of our capital stock entitled to vote on such amendment or repeal, voting together as a single class, at a duly constituted meeting of stockholders called expressly for that purpose.

We are subject to the provisions of NRS 78.378 to 78.3793, inclusive, an anti-takeover law, which applies to any acquisition of a controlling interest in an “issuing corporation.” In general, such anti-takeover laws permit the articles of incorporation, bylaws or a resolution adopted by the directors of an “issuing corporation” (as defined in NRS 78.3788) to impose stricter requirements on the acquisition of a controlling interest in such corporation than the provisions of NRS 78.378 to 78.3793, inclusive, as well as permit the directors of an issuing corporation to take action to protect the interests of the corporation and its stockholders, including, but not limited to, adopting plans, arrangements or other instruments that grant or deny rights, privileges, power or authority to holder(s) of certain percentages of ownership and/or voting power. Further, an “acquiring person” (and those acting in association) only obtains such voting rights in the control shares as are conferred by resolution of the stockholders at either a special meeting requested by the acquiring person, provided it delivers an offeror’s statement pursuant to NRS 78.3789 and undertakes to pay the expenses thereof, or at the next special or annual meeting of stockholders. In addition, the anti-takeover law generally provides for (i) the redemption by the issuing corporation of not less than all of the “control shares” (as defined) in accordance with NRS 78.3792, if so provided in the articles of incorporation or bylaws in effect on the 10th day following the acquisition of a controlling interest in an “issuing corporation”, and (ii) dissenter’s rights pursuant to NRS 92A.300 to 92A.500, inclusive, for stockholders that voted against authorizing voting rights for the control shares.

We are also subject to the provisions of NRS 78.411 to 78.444, inclusive, which generally prohibits a publicly held Nevada corporation from engaging in a “combination” with an “interested stockholder” (each as defined) that is the beneficial owner, directly or indirectly, of at least ten percent of the voting power of the outstanding voting shares of the corporation or is an affiliate or associate of the corporation that previously held such voting power within the past three years, for a period of three years after the date the person first became an “interested stockholder”, subject to certain exceptions for authorized combinations, as provided therein.

In accordance with NRS 78.195, our articles of incorporation provide for the authority of the board of directors to issue shares of preferred stock in series by filing a certificate of designation to establish from time to time the number of shares to be included in such series and to fix the designation, powers, preferences and rights of the shares of each such series and the qualifications, limitations or restrictions thereof, subject to limitations prescribed by law.

Market-Making, Stabilization and Other Transactions

There is currently no market for any of the offered securities, other than our common stock which is traded on the Nasdaq Capital Market. If the offered securities are traded after their initial issuance, they may trade at a discount from their initial offering price, depending upon prevailing interest rates, the market for similar securities and other factors. While it is possible that an underwriter could inform us that it intends to make a market in the offered securities, any such underwriter would not be obligated to do so, and any such market-making could be discontinued at any time without notice. Therefore, no assurance can be given as to whether an active trading market will develop for the offered securities. We have no current plans for listing of the preferred stock, warrants or subscription rights on any securities exchange or quotation system. Any such listing with respect to any particular preferred stock, warrants or subscription rights will be described in the applicable prospectus supplement or other offering materials, as the case may be.

PLAN OF DISTRIBUTION

We may offer and sell the securities in any one or more of the following ways:

- to or through underwriters, brokers or dealers;
- directly to one or more other purchasers;
- through a block trade in which the broker or dealer engaged to handle the block trade will attempt to sell the securities as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- through agents on a best-efforts basis;
- in “at the market” offerings, as defined in Rule 415 under the Securities Act, at negotiated prices, at prices prevailing at the time of sale or at prices related to such prevailing market prices, including sales made directly on the Nasdaq Capital Market or sales made through a market maker other than on an exchange or other similar offerings through sales agents; or
- otherwise through any other method permitted by applicable law or a combination of any of the above methods of sale.

In addition, we may enter into option, share lending or other types of transactions that require us to deliver shares of common stock to an underwriter, broker or dealer, who will then resell or transfer the shares of common stock under this prospectus. We may also enter into hedging transactions with respect to our securities. For example, we may:

- enter into transactions involving short sales of the shares of common stock by underwriters, brokers or dealers;
- sell shares of common stock short and deliver the shares to close out short positions;
- enter into option or other types of transactions that require the delivery of shares of common stock to an underwriter, broker or dealer, who will then resell or transfer the shares of common stock under this prospectus; or
- loan or pledge the shares of common stock to an underwriter, broker or dealer, who may sell the loaned shares or, in the event of default, sell the pledged shares.

We may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by or borrowed from us or others to settle those sales or to close out any related open borrowings of stock, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of stock. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be identified in the applicable prospectus supplement (or a post-effective amendment). In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

Each time we sell securities, we will provide a prospectus supplement that will name any underwriter, dealer or agent involved in the offer and sale of the securities. Any prospectus supplement will also set forth the terms of the offering, including:

- the purchase price of the securities and the proceeds we will receive from the sale of the securities;
- any underwriting discounts and other items constituting underwriters' compensation;
- any public offering or purchase price and any discounts or commissions allowed or re-allowed or paid to dealers;
- any commissions allowed or paid to agents;
- any other offering expenses;
- any securities exchanges on which the securities may be listed;
- the method of distribution of the securities;
- the terms of any agreement, arrangement or understanding entered into with the underwriters, brokers or dealers; and
- any other information we think is important.

If underwriters or dealers are used in the sale, the securities will be acquired by the underwriters or dealers for their own account. The securities may be sold from time to time by us in one or more transactions:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the time of sale;
- at prices related to such prevailing market prices;
- at varying prices determined at the time of sale; or
- at negotiated prices.

Such sales may be effected:

- in transactions on any national securities exchange or quotation service on which the securities may be listed or quoted at the time of sale;
- in transactions in the over-the-counter market;
- in block transactions in which the broker or dealer so engaged will attempt to sell the securities as agent but may position and resell a portion of the block as principal to facilitate the transaction, or in crosses, in which the same broker acts as an agent on both sides of the trade;
- through the writing of options; or
- through other types of transactions.

The securities may be offered to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more of such firms. Unless otherwise set forth in the prospectus supplement, the obligations of underwriters or dealers to purchase the securities offered will be subject to certain conditions precedent and the underwriters or dealers will be obligated to purchase all the offered securities if any are purchased. Any public offering price and any discount or concession allowed or reallocated or paid by underwriters or dealers to other dealers may be changed from time to time.

The securities may be sold directly by us or through agents designated by us from time to time. Any agent involved in the offer or sale of the securities in respect of which this prospectus is delivered will be named, and any commissions payable to such agent will be set forth in, the prospectus supplement. Unless otherwise indicated in the prospectus supplement, any such agent will be acting on a best efforts basis for the period of its appointment.

Unless otherwise specified in the related prospectus supplement, all securities we offer, other than common stock, will be new issues of securities with no established trading market. Any underwriters may make a market in these securities, but will not be obligated to do so and may discontinue any market making at any time without notice. Any common stock sold pursuant to a prospectus supplement will be listed for trading on the Nasdaq Capital Market or other principal market for our common stock. We may apply to list any series of preferred stock or warrants on an exchange, but we are not obligated to do so. Therefore, there may not be liquidity or a trading market for any series of securities.

Offers to purchase the securities offered by this prospectus may be solicited, and sales of the securities may be made by us directly to institutional investors or others, who may be deemed to be underwriters within the meaning of the Securities Act with respect to any resale of the securities. The terms of any offer made in this manner will be included in the prospectus supplement relating to the offer.

Some of the underwriters, dealers or agents used by us in any offering of securities under this prospectus may be customers of, engage in transactions with, and perform services for us or affiliates of ours in the ordinary course of business. Underwriters, dealers, agents and other persons may be entitled to indemnification against and contribution toward certain civil liabilities, including liabilities under the Securities Act, and to be reimbursed for certain expenses.

Any securities initially sold outside the United States may be resold in the United States through underwriters, dealers or otherwise.

Any underwriters to which offered securities are sold by us for public offering and sale may engage in transactions that stabilize, maintain or otherwise affect the price of the common shares during and after the offering, but those underwriters will not be obligated to do so and may discontinue any market making at any time. Specifically, the underwriters may over-allot or otherwise create a short position in the common shares for their own accounts by selling more shares of common stock than have been sold to them by us. The underwriters may elect to cover any such short position by purchasing common stock in the open market or by exercising the over-allotment option granted to the underwriters. In addition, the underwriters may stabilize or maintain the price of the common stock by bidding for or purchasing common stock in the open market and may impose penalty bids. If penalty bids are imposed, selling concessions allowed to syndicate members or other broker-dealers participating in the offering are reclaimed if shares of common stock previously distributed in the offering are repurchased, whether in connection with stabilization transactions or otherwise. The effect of these transactions may be to stabilize or maintain the market price of the common stock at a level above that which might otherwise prevail in the open market. The imposition of a penalty bid may also affect the price of the common stock to the extent that it discourages resales of the common stock. The magnitude or effect of any stabilization or other transactions is uncertain. These transactions may be effected on the Nasdaq Capital Market or otherwise and, if commenced, may be discontinued at any time.

In connection with the offering, the underwriters and selling group members may also engage in passive market making transactions in our common stock. Passive market making consists of displaying bids on the Nasdaq Capital Market limited by the prices of independent market makers and effecting purchases limited by those prices in response to order flow. Rule 103 of Regulation M promulgated by the SEC limits the amount of net purchases that each passive market maker may make and the displayed size of each bid. Passive market making may stabilize the market price of the common shares at a level above that which might otherwise prevail in the open market and, if commenced, may be discontinued at any time.

We are subject to the applicable provisions of the Exchange Act and the rules and regulations under the Exchange Act, including Regulation M. This regulation may limit the timing of purchases and sales of any of the shares of common stock offered in this prospectus by any person. The anti-manipulation rules under the Exchange Act may apply to sales of shares in the market and to our activities.

The anticipated date of delivery of the securities offered by this prospectus will be described in the applicable prospectus supplement relating to the offering.

Any broker-dealer participating in the distribution of the shares of common stock may be deemed to be an “underwriter” within the meaning of the Securities Act with respect to any securities such entity sells pursuant to this prospectus.

To comply with the securities laws of some states, if applicable, the securities may be sold in these jurisdictions only through registered or licensed brokers or dealers. In addition, in some states the securities may not be sold unless they have been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

LEGAL MATTERS

The validity of the issuance of the securities offered hereby will be passed upon for us by Mitchell Silberberg & Knupp LLP, New York, New York. Additional legal matters may be passed on for us, or any underwriters, dealers or agents, by counsel we will name in the applicable prospectus supplement.

EXPERTS

Marcum LLP, independent registered public accounting firm, has audited our consolidated financial statements included in our Annual Report on Form 10-K for the years ended December 31, 2023 and 2022, as set forth in their report, which contains an explanatory paragraph regarding the Company's ability to continue as a going concern, which is incorporated by reference in this prospectus and elsewhere in this registration statement.

Marcum LLP has audited the consolidated financial statements of XTI Aircraft Company as of December 31, 2023 and 2022 and for the two years ended December 31, 2023, included in our Current Report on Form 8-K/A filed with the SEC on May 28, 2024, as set forth in their report, which contains an explanatory paragraph regarding of XTI Aircraft Company's ability to continue as a going concern, which is incorporated by reference in this prospectus and elsewhere in this registration statement. Such financial statements are incorporated by reference in reliance upon the reports of Marcum LLP, given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed with the SEC a registration statement on Form S-3 under the Securities Act, with respect to the securities covered by this prospectus. This prospectus, which is a part of the registration statement, does not contain all of the information set forth in the registration statement or the exhibits and schedules filed therewith. For further information with respect to us and the securities covered by this prospectus, please see the registration statement and the exhibits filed with the registration statement. The SEC maintains an Internet website that contains reports, proxy and information statements and other information regarding registrants that file electronically with the SEC. The address of the website is <http://www.sec.gov>.

We are subject to the information and periodic reporting requirements of the Exchange Act and, in accordance therewith, we file periodic reports, proxy statements and other information with the SEC. Such periodic reports, proxy statements and other information are available for inspection and copying at the website of the SEC referred to above. We maintain a website at <http://www.xtiaerospace.com>. You may access our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed pursuant to Sections 13(a) or 15(d) of the Exchange Act with the SEC free of charge at our website as soon as reasonably practicable after such material is electronically filed with, or furnished to, the SEC. Our website and the information contained on that site, or connected to that site, are not incorporated into and are not a part of this prospectus.

INFORMATION INCORPORATED BY REFERENCE

The SEC and applicable law permits us to “incorporate by reference” into this prospectus information that we have or may in the future file with the SEC (excluding those portions of any Form 8-K that are not deemed “filed” pursuant to the General Instructions of Form 8-K). This means that we can disclose important information by referring you to those documents. You should read carefully the information incorporated herein by reference because it is an important part of this prospectus. We hereby incorporate by reference the following documents into this prospectus:

- our Annual Report on [Form 10-K](#) for the fiscal year ended December 31, 2023, as filed with the SEC on April 16, 2024;
- our Quarterly Report on [Form 10-Q](#) for the quarterly period ended March 31, 2024, as filed with the SEC on May 20, 2024;
- our Current Reports on Form 8-K, as filed with the SEC on [January 3, 2024](#), [February 5, 2024](#), [February 23, 2024](#), [March 15, 2024](#), [April 4, 2024](#), [May 1, 2024](#), [May 10, 2024](#), [May 15, 2024](#) (other than any portion of the filing that is furnished rather than filed pursuant to Item 7.01), [May 29, 2024](#), [May 31, 2024](#), [June 10, 2024](#) and [June 14, 2024](#) and on Form 8-K/A, as filed with the SEC on [February 27, 2024](#) and [May 28, 2024](#); and
- the description of our common stock included in our Registration Statement on [Form 8-A](#), as filed with the SEC on April 7, 2014 pursuant to Section 12(b) of the Exchange Act, including any amendment or report filed for the purpose of updating such description.

Additionally, all documents filed by us subsequent to those listed above with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (other than any portions of filings that are furnished rather than filed pursuant to Items 2.02 and 7.01 of a Current Report on Form 8-K), prior to the termination or completion of the offerings (including all such documents filed with the SEC after the date of the initial registration statement and prior to the effectiveness of the registration statement) shall be deemed to be incorporated by reference into this prospectus from the respective dates of filing of such documents. Any information that we subsequently file with the SEC that is incorporated by reference as described above will automatically update and supersede any previous information that is part of this prospectus.

Upon written or oral request, we will provide you without charge, a copy of any or all of the documents incorporated by reference, other than exhibits to those documents unless the exhibits are specifically incorporated by reference in the documents. Please send requests to:

XTI Aerospace, Inc.
Attn: Secretary
8123 InterPort Blvd., Suite C
Englewood, CO 80112
(800) 680-7412

765,200 Shares of Common Stock
2,176,000 Pre-funded Warrants to Purchase Shares of Common Stock
2,176,000 Shares of Common Stock Issuable Upon Exercise of Pre-funded Warrants
2,941,200 Common Warrants to Purchase Shares of Common Stock
2,941,200 Shares of Common Stock Issuable Upon Exercise of Common Warrants



XTI Aerospace, Inc.

PROSPECTUS SUPPLEMENT

ThinkEquity

March 28, 2025
