UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): February 13, 2024

SPECTRAL AI, INC.

(Exact name of registrant as specified in its charter)

001-40058 (Commission File Number)

Delaware (State or other jurisdiction

of incorporation)

2515 McKinney Avenue, Suite 1000

Dallas, Texas

(Address of principal executive offices)

(Zip Code)

75201

(972) 499-4934

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

□ Written communication pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencements communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbols	Name of each exchange on which registered
Common Stock, par value \$0.0001 per share	MDAI	The Nasdaq Stock Market LLC
Redeemable Warrants, each whole warrant	MDAIW	The Nasdaq Stock Market LLC
exercisable for one share of Common Stock, at an		
exercise price of \$11.50 per share		

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \boxtimes

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

85-3987148

(I.R.S. Employer Identification No.)

Item 7.01. Regulation FD Disclosure.

On February 13, 2024, the Company posted an investor presentation to its website at www.spectral-ai.com (the "**Investor Presentation**"). A copy of the Investor Presentation is furnished as Exhibit 99.1 to this Current Report on Form 8-K and is incorporated herein by reference. The Company expects to use the Investor Presentation, in whole or in part, and possibly with modifications, in connection with presentations to investors, analysts and others.

The information in this Item 7.01 to this Current Report on Form 8-K, and in Exhibit 99.1 furnished herewith, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "**Exchange Act**"), or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Spectral AI Investor Presentation, dated February 13, 2024.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

1

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Current Report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: February 13, 2024

SPECTRAL AI, INC.

By:/s/ Wensheng FanName:Wensheng FanTitle:Chief Executive Officer

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Špectral AI[®]

Al-Driven wound assessment technology designed to deliver value across the healthcare continuum	16.3 Million shares outstanding Feb 1, 2024
Supported by \$250M+ non-dilutive government funding	2023E \$17.4M 2024E \$28M Financial position at 9/30/2023 Cash \$7.4M Long term debt \$0M
Large and growing addressable markets	Intellectual property portfolio 20 issued 34 pending
Clear regulatory pathway	Headquarters Dallas, TX
Limited competition	Founded 2009
Strong competitive barriers to entry	MDAI

SINCE AUGUST 2023

Recent Accomplishments

Listed successfully on Nasdaq	Awarded \$149M BARDA Project BioShield contract	Certified ISO13485	CAChieved FDA/ UKCA classification for wound imaging system	
Initiated pivotal study to validate the DeepView System for Bur	management	Secured \$10 Million committed equity facility	Submitted Burn-Al for UKCA classification	
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Revolutionizing Wound Care

Our DeepView[™] system enables healthcare providers to make more informed treatment choices.

In a matter of seconds during the initial patient visit, DeepView[™] predicts' if the wound will heal or not, with remarkable accuracy.

Delivering on Commitments 2013-2023

10-year track record

of meeting milestones validated by \$250M non-dilutive government funding

- Proof of concept
- Clinical validation
- Product validation
- Product prototyping
- Pre-sub regulatory alignment



Prioritizing growth opportunities in profitable markets, positioning ourselves for nearterm commercial success.

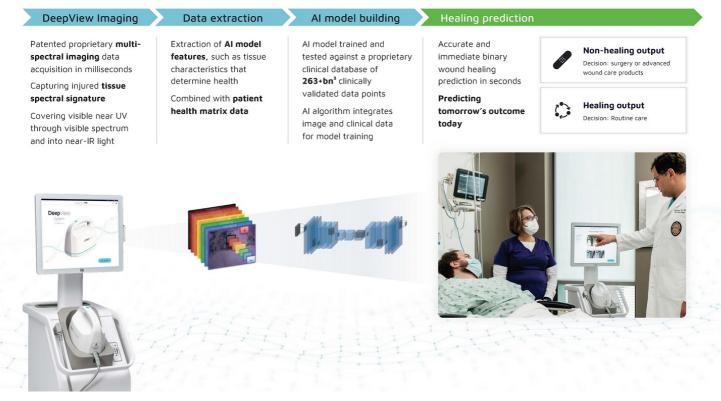


DeepView[™] is a single platform supporting multiple

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Extensive portfolio of patents, trade secrets and "truthed" images are a significant barrier to competition.

OUR TECHNOLOGY



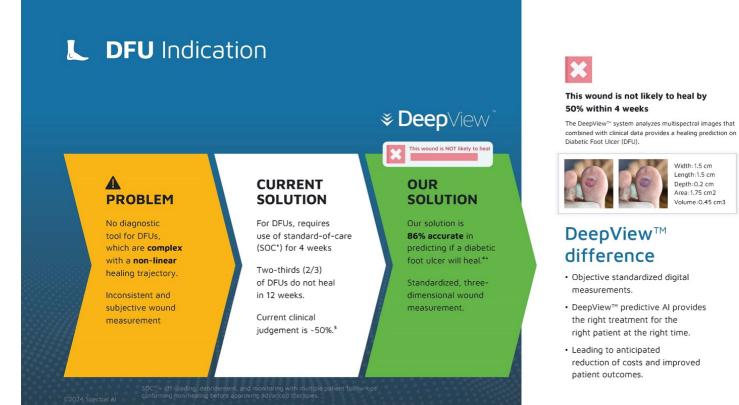
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INDICATIONS



Empowering healthcare providers with **predictive clinical insights** for precise treatment decisions in wounds.







This burn will not heal

The DeepView $\ensuremath{^{\rm M}}$ system analyzes multispectral images that combined with clinical data provides a healing prediction on

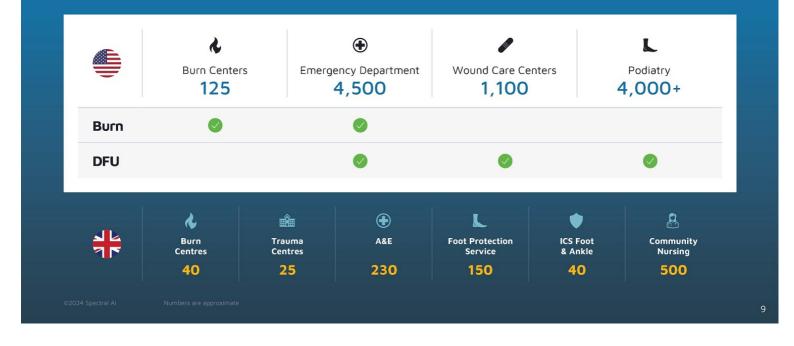


DeepViewTM difference

Reduces time to surgery⁸

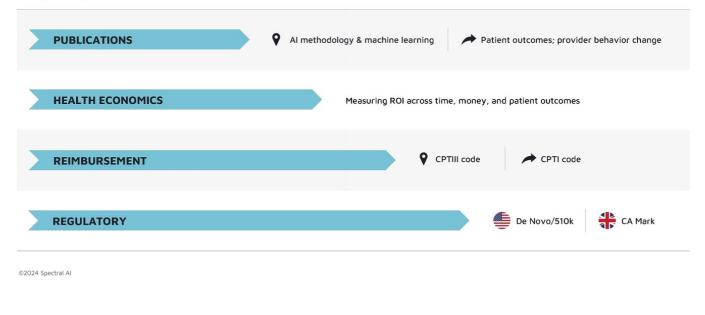
- Avoids unnecessary surgeries⁹
- Unnecessary burn center transfers.¹⁰
- Uniformed standardized TBSA measurements

Targeting Multiple Care Centers

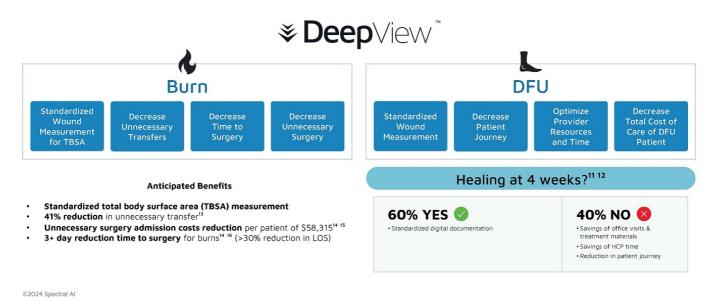


Commercial strategy includes parallel paths

Key Steps to Successful Market Access



Prospective clinical evidence with health economics and outcomes will quantify the system benefits



11

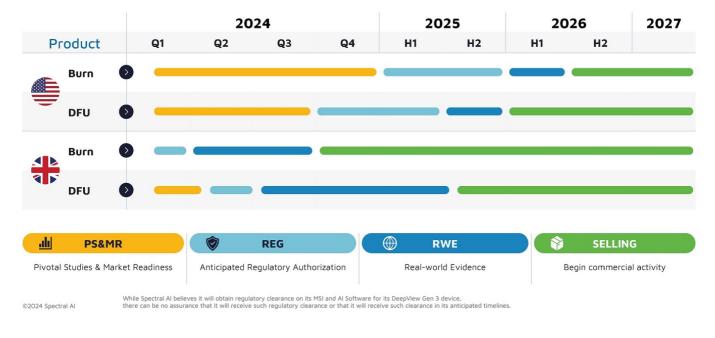
BARDA SUPPORT OVER THE YEARS

Management's track record through years of BARDA engagement validates and increases probability of success for DeepView[™] across clinical indications (Burn and DFU) and geography (U.S., UK, EMEA).





Planned near-term **product deployments**



REVENUE OPPORTUNITY

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Includes annual license fee and one-time device sale

U.S. Device Sales

- One-time transaction per site/user
- Unit pricing still being determined
- Expect DFU 1H 2026; Burn in 2H 2026
- Potential exists for sale or lease in certain segments

UK Device Sales

- One-time transaction per site/user
- Unit pricing still being determined
- Expect DFU 2H2025; Burn in 2H2024
- Multiple care settings being targeted

U.S. R&D

- BARDA PBS Contract includes \$55M R&D revenue spread across 4Q23 - 1Q26
- Modest additional R&D revenue from MTEC in 2024

U.S. AI License

- Annual license fee for use of AI data
- Separate license for each indicationPricing still being determined

UK License

- Annual license fee for use of AI data
- Separate license for each indication
- Pricing still being determined



SYSTEMWIDE BENEFITS

Improving health and cost outcomes for all



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Investment Summary





Summary balance sheets

\$ thousands	2021	2022	YTD 3Q23
Cash	\$ 16,121	\$ 14,174	\$ 7,348
Accounts receivable, net	1,435	2,294	1,312
Other Current Assets	911	1,219	2,696
Total Current Assets	18,467	17,687	11,356
Non-current Assets	72	1,029	975
Total Assets	\$ 18,539	\$18,716	\$ 12,331
Accounts Payable	\$ 1,414	\$ 2,759	\$ 3,275
Accrued Expenses	2,603	2,631	3,983
Other Current Liabilities	769	984	3,389
Total Current Liabilities	4,786	6,374	10,647
Non-current Liabilities	-	346	228
Total Liabilities	4,786	6,720	10,875
Stockholders' Equity	13,753	11,996	1,456
Total Liabilities and Stockholders' Equity	\$ 18,539	\$ 18,716	\$ 12,331

Summary income statements

Net Loss per Share	\$ (0.54)	\$ (0.22)	\$ (0.77)
Net Loss attributable to common stockholders	\$ (5,247)	\$ (2,912)	\$ (17,308)
Dividend on Series A Preferred Stock	(1,259)	-	-
Net Loss	(3,988)	(2,912)	(17,308)
Income Tax (Provision) Benefit	98	(106)	(32)
Loss Before Income Taxes	(4,086)	(2,806)	(17,276)
Other Income (Expense)	93	(159)	1,121
Transaction Costs	-	-	(8,342)
Operating Income (Loss)	(4,179)	(2,647)	(10,055)
Operating Expenses	11,231	13,484	15,499
Gross Profit	7,052	10,837	5,444
Cost of Revenue	(8,187)	(14,531)	(7,325)
Research and Development Revenue	\$ 15,239	\$ 25,368	\$ 12,769
\$ thousands except per share data	2021	2022	YTD 3Q23



Summary cash flow statements

\$ thousands	2021	2022	YTD 3Q23
Net Loss	\$ (3,988)	\$ (2,912)	\$ (17,308)
Stock-based Compensation	1,365	1,155	975
Depreciation	1	11	7
Amortization of Right-of-Use Assets	-	557	530
Issuance of Shares for Transaction Costs			1,800
Commitment to Issue Shares for Transaction Costs			2,550
Change in Fair Value of Warrant Liabilities	(298)	(57)	(1,004)
Changes in Assets	919	(751)	587
Changes in Liabilities	(917)	835	998
Net Cash Used in Operating Activities	(2,918)	(1,162)	(10,865)
Net Cash Used in Investing Activities	(7)	-	-
Proceeds from Issuance of Common Stock	14,618	-	3,351
Cash Received in Business Combination	-	-	660
Payments for Notes Payable	(701)	(785)	(288)
Stock Option Exercises	4	-	316
Net Cash Provided By (Used In) Financing Activities	13,921	(785)	4,039
Net Increase (Decrease) in Cash	10,996	(1,947)	(6,826)
Beginning Cash Balance	5,125	16,121	14,174
Ending Cash Balance	\$ 16,121	\$ 14,174	\$ 7,348

Non-GAAP reconciliation

\$ thousands	2021	2022	YTD 3Q23
Net Loss	\$ (3,988)	\$ (2,912)	\$ (17,308)
Income Tax Provision (Benefit)	(98)	106	32
Net Interest (Income) Expense	17	(21)	(128)
EBIT	(4,069)	(2,827)	(17,404)
Depreciation Expense	1	11	7
EBITDA	(4,068)	(2,816)	(17,397)
Stock-based Compensation	1,365	1,155	975
Change in Fair Value of Warrant Liability	(298)	(57)	(1,004)
Foreign Exchange Transaction (Gain) Loss	188	237	11
Transaction Costs	-	-	8,342
Adjusted EBITDA	\$ (2,813)	\$ (1,481)	\$ (9,073)

EXCEPTIONAL TEAM WITH PROVEN TRACK RECORD



Wensheng Fan CEO/Co-Founder

20 yrs+ managing emerging technologies in Al, Imaging and NLP at Sensata, Texas Instruments, and Philips



Jeffrey Thatcher, PhD **Chief Scientist** 12 yrs+ of clinical R&D of tissue

optics. Served as the PI on multiple NSF, NIH, DoD grants and BARDA contracts



Christine Marks VP of Marketing & Commercialization 20 yrs+ of marketing

Mary Regan, PhD

VP of Clinical Affairs

30 yrs+ years of clinical

assessment, development,

research, and innovation with major industry leaders

experience in wound technology

experience for medical device and diagnostic companies



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Niko Pagoulatos, PhD **Chief Operating Officer**

25 yrs+ of experience in engineering, clinical and business aspects of specialized medical ultrasound imaging including AI in ultrasound

Peter Carlson

Chief Financial Officer 30+ yrs of Finance and Operations experience in Fortune 50 and healthcare corporations



Kevin Plant VP of Software & Data Science 10 yrs+ of software and data science leadership experience at St. Jude and Abbot



Louis Percoco General Manager -



Vincent Capone General Counsel & Corporate Secretary

10 yrs+ of private equity investing in life sciences & tech companies, 20 yrs+ of tech company representation

23

BOARD AND ADVISORS

Board of Directors



Expert clinical guidance

GG This technology has promise to be the leap forward we have needed to bring about systematic change in burn care from the frontline all the way to the experts.

GG DeepView will significantly transform how we treat DFUs through continuous monitoring and measurement ensuring an accelerated healing trajectory and prevent DFU reoccurrence.



DR. JEFF CARTER, MD Chief Medical Consultant

12 years and currently serves as the Medical Director for the



PROF. PAUL CHADWICK EVP of UK and EMEA Former CEO of the Royal College of Podiatry UK

Prof. Chadwick is a world-renowned clinical research scientist,

Intellectual property formidable barrier to entry

Active patent application families protecting our current and anticipated future business

- Burn/Wound classification on MSI and PPG
- Tissue classification on MSI and PPG
- Amputation site analysis on MSI, machine learning and healthcare matrix
- DFU healing potential prediction and wound assessment on MSI, machine learning and healthcare matrix
- High-precision, multi-aperture, MSI snapshot imaging
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- Wound assessment on MSI, optical, biomarkers, and machine learning
- Burn/Histology assessment on MSI and machine learning
- High-precision single aperture snapshot imaging with multiplexed illumination
- Topological characterization and assessment of tissue including wounds, using MSI and machine learning

20

U.S. & International Patents issued and allowed Pending U.S. & International patent applications

ACTIVE MANAGEMENT OF IP PORTFOLIO

- Useful life on key patent protection on con concepts exceeds 14 years
- Proprietary physician review image library for Burn and DFU
- Engage leading experts to constantly evaluate IP strategy and execution

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REFERENCE LIST

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- 2. https://www.cnn.com/2023/08/09/weather/maui-countv-wildfireshurricane-dora/index.html
- 3. Pixel data per Spectral MD clinical studies.
- 4. Data from Spectral MD's IRB approved Proof of Concept Clinical Study
- Clinicians are 50% accurate in assessing healing potential of DFUs https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7950518/
- Anyanwu JA, Cindass R. Burn Debridement, Grafting, and Reconstruction. [Updated 2023 May 29]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2024 Jan-. Available from: <u>https://www.ncbi.nlm.nih.gov/books/NBK551717/</u>
- Assessment of burn depth and burn wound healing potential. Burns. Volume 34-6. September 2008, pages 761-769
- Huson HB, Phelan HA, G'Sell DJ, Smith S, Carter JE. If Seeing Was Believing A Retrospective Analysis of Potential Reduced Treatment Delays with a Novel Burn Wound Assessment Device. JBCR 2021;(42)S117-18
- 9. Definitive Healthcare 2019 Private Pay and CMS pay of inpatient versus outpatient DRG codes
- 10. The Effectiveness of Regionalized Burn Care: An Analysis of 6,873 Burn Admissions in North Carolina from 2000 to 2007.Regional Air Transport of Burn Patients: A Case for Telemedicine?

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- Warriner R, Snyder RJ, Cardinal MH et al (2011) Differentiating diabetic foot ulcers that are unlikely to heal by 12 weeks following achieving 50% percent area reduction at 4 weeks. Int Wound J 8(6):632–7. <u>https://doi.org/10.1111/i.1742-481x.2011.00860.x</u>
- Sheenan P, Jones P et al (2003) Percent change in wound area of diabetic foot ulcers over a 4-week period is a robust predictor of complete healing in a 12-week prospective trial. Diabetes Care 26(6):1879–82 <u>https://doi.org/10.2337/diacare.26.6.1879</u>
- Carter NH, Leonard C, Rae L. Assessment of Outreach by a Regional Burn Center: Could Referral Criteria Revision Help with Utilization of Resources? JBCRi2018;39(2):245-51
- 14. Definitive Healthcare 2019 Cost and Claims Data from Medicare and Private Payer Estimates
- 15. American Medical Association Common Procedural Terminology CPT®
- Huson HB, Phelan HA, G'Sell DJ, Smith S, Carter JE. If Seeing Was Believing A Retrospective Analysis of Potential Reduced Treatment Delays with a Novel Burn Wound Assessment Device. JBCR 2021;(42)S117-18.



FORWARD LOOKING STATEMENTS



Except for the historical information contained herein, this document contains forward looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, including statements regarding (i) our strategy, plans, objectives and initiatives, including but not limited to our plans and projected timelines to begin commercialization and product sales, launch new products, complete clinical trials, add additional clinical indications, (ii) the ability to be listed on the Nasdaq Global Market, (iii) Spectral Al's managements' expectations, (iv) potential government contracts, (v) expected beneficial outcomes and synergies, (vi) potential financing opportunities, (vii) Spectral Al's regulatory pathway for and timing of FDA, CE and UKCA regulatory submissions and approvals, (viii) Spectral Al's U.S. government contracts and future awards, (ix) the total anticipated target markets for burn wound and diabetic foot ulcers, (x) possible competitors, (xi) potential future indications and applications for DeepView and areas of interest supported by BARDA, (xii) Spectral Al's future and pending U.S. patent applications and foreign and international patent applications, and (xiii) pro forma information and other estimated values. The foregoing list of risk factors is not exhaustive. Management believes that these forward-looking statements are reasonable as and when made. However, such forward-looking statements involve known and unknown risks, uncertainties, and other factors that may cause actual results to differ materially from those projected in the forward-looking statements. These risks and uncertainties include but are not limited to our ability to obtain and maintain necessary regulatory approvals, general economic conditions, consumer demand for our products and services, challenges relating to entering into and growing new business lines, the competitive environment, and the risk factors listed from time to time in our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, the Registration Statement on Form S-1, as amended, filed with the SEC on January 5, 2024 and any other SEC filings including the sections entitled "Cautionary Note Regarding Forward-Looking Statements", "Cautionary Note Regarding Forward-Looking Statements and Risk Factor Summary", "Risk Factors", "Management's Discussions and Analysis of Financial Condition and Results of Operations" and "Business" and in the Financial Statements. The Company undertakes no obligation to update forward-looking statements except as required by applicable securities laws. Readers are cautioned that forward-looking statements are not guarantees of future performance and are cautioned not to place undue reliance on any forward-looking statements.

Any financial projections in this presentation are forward-looking statements that are based on assumptions that are inherently subject to significant uncertainties and contingencies, many of which are beyond Spectral AI's control. While all projections are necessarily speculative, Spectral AI believes that the preparation of prospective financial information involves increasingly higher levels of uncertainty the further out the projection extends from the date of preparation. The assumptions and estimates underlying the projected results are inherently uncertain and are subject to a wide variety of significant business, economic and competitive risks and uncertainties that could cause actual results to differ materially from those contained in the projections. The inclusion of projections in this communication should not be regarded as an indication that Spectral AI, or its representatives, considered or consider the projections to be a reliable prediction of future events. Annualized, pro forma, projected and estimated numbers are used for illustrative purpose only, are not forecasts and may not reflect actual results.

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Disclaimers

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Additional Information and Where to Find It

This presentation is provided for informational purposes only. Spectral AI investors and stockholders will be able to obtain copies of any documents filed with the SEC, without charge, at the SEC's website at www.sec.gov.

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