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

Form 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 under the Securities Exchange Act of 1934

For the month of March 2024

Commission file number: 001-41334

RAIL VISION LTD.

(Translation of registrant's name into English)

15 Ha'Tidhar St Ra'anana, 4366517 Israel

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.	
Form 20-F ⊠	Form 40-F □

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Attached hereto and incorporated herein is the Registrant's press release issued on March 26, 2024, titled "Rail Vision Received Approval from Alstom to Install the AI Main Line system on its Locomotives."

The first, second and fourth paragraphs in the press release attached as Exhibit 99.1 are incorporated by reference into the Registrant's Registration Statements on Form F-3 (File Nos. 333-271068 and 333-272933) and Form S-8 (Registration No. 333-265968), filed with the Securities and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

EXHIBIT INDEX

Exhibit No.

99.1 Press release issued by Rail Vision Ltd. on March 26, 2024, titled "Rail Vision Received Approval from Alstom to Install the AI Main Line system on its Locomotives."

SIGNATURES

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

Rail Vision Ltd.

Date: March 26, 2024 By: /s/ Ofer Naveh

Name: Ofer Naveh

Rail Vision Received Approval from Alstom to Install the AI Main Line system on its Locomotives

Alstom is a French multinational rolling stock manufacturer that operates in rail transport markets worldwide

Ra'anana, Israel, March 26, 2024 (GLOBE NEWSWIRE) -- Rail Vision Ltd. (Nasdaq: RVSN) (the "Company"), a technology company at the forefront of revolutionizing railway safety and the data-related market, today announced it has received an approval from Alstom SA, a global leading rolling stock manufacturer, to install the Company's AI-driven Main Line system on Alstom's locomotives.

The approval is a part of the previously announced first commercial installation of the Company with a national railways line, Israel Railways. Israel Railways, has purchased ten Rail Vision Main Line system to be installed on Alstom's locomotives.

Alstom's confirmation serves as a testament to the exceptional quality of the Main Line system, which has surpassed the rigorous standards of its locomotive systems. This approval solidifies the system's reliability, safety and overall performance.

Alstom, a leading provider of mobility solutions, offers an extensive array of products and services that cater to diverse customer needs. Alstom's product portfolio includes high-speed trains, metros, monorails and trams, among other offerings. In addition, Alstom provides turnkey systems, infrastructure, signaling and digital mobility services. With a global presence spanning 63 countries and a team of over 80,000 skilled professionals hailing from 175 nationalities, Alstom is committed to leveraging its design, innovation and project management expertise to address mobility challenges worldwide.

About Rail Vision Ltd.

Rail Vision is a technology company that is seeking to revolutionize railway safety and the data-related market. The Company has developed cutting-edge, artificial intelligence-based, industry-leading technology specifically designed for railways. The Company has developed its railway detection and systems to save lives, increase efficiency, and dramatically reduce expenses for the railway operators. Rail Vision believes that its technology will significantly increase railway safety around the world, while creating significant benefits and adding value to everyone who relies on the train ecosystem: from passengers using trains for transportation to companies that use railways to deliver goods and services. In addition, the company believes that its technology has the potential to advance the revolutionary concept of autonomous trains into a practical reality. For more information, please visit https://www.railvision.io/

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act and other securities laws. Words such as "expects," "anticipates," "intends," "plans," "believes," "seeks," "estimates" and similar expressions or variations of such words are intended to identify forward-looking statements. Forward-looking statements are not historical facts, and are based upon management's current expectations, beliefs and projections, many of which, by their nature, are inherently uncertain. Such expectations, beliefs and projections are expressed in good faith. However, there can be no assurance that management's expectations, beliefs and projections will be achieved, and actual results may differ materially from what is expressed in or indicated by the forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements. For a more detailed description of the risks and uncertainties affecting the Company, reference is made to the Company's reports filed from time to time with the Securities and Exchange Commission ("SEC"), including, but not limited to, the risks detailed in the Company's annual report on Form 20-F filed with the SEC on March 23, 2023. Forward-looking statements speak only as of the date the statements are made. The Company assumes no obligation to update forward-looking statements to reflect actual results, subsequent events or circumstances, changes in assumptions or changes in other factors affecting forward-looking information except to the extent required by applicable securities laws. If the Company does update one or more forward-looking statements, no inference should be drawn that the Company will make additional updates with respect to other forward-looking statements. References and links to websites have been provided as a convenience, and the information contained on such websites is not incor

Investor Relations

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