
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 April 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

CONTENTS

Attached hereto and incorporated herein is the Registrant's press release issued on April 11, 2024, titled "Rail Vision Received \$1 Million Order out of a Contract Valued at Up to \$5 Million with Leading US-Based Rail and Leasing Services Company."

The first paragraph in the press release attached as Exhibit 99.1 is 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and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.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 April 11, 2024, titled “Rail Vision Received \$1 Million Order out of a Contract Valued at Up to \$5 Million with Leading US-Based Rail and Leasing Services Company.”
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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: April 11, 2024

By: /s/ Ofer Naveh

Name: Ofer Naveh

Rail Vision Received \$1 Million Order out of a Contract Valued at Up to \$5 Million with Leading US-Based Rail and Leasing Services Company

Ra'anana, Israel, April 11, 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, announced today that it has received an initial purchase order amounting to approximately \$1 million as part of a contract valued at up to \$5 million with a leading US-based rail and leasing services company that the Company announced on January 17, 2024. The order is for the purchase of Rail Vision's AI-based ShuntingYard products, which are expected to be installed during the third quarter of this year.

"We're delighted with the successful execution of our contract with this esteemed customer, marking the receipt of our initial order from it. Since the start of 2024, we've been expanding our presence in the US, achieving significant milestones in collaboration with leading companies in the rail industry. We intend to persist in our marketing endeavors, recognizing the growing demand for our innovative AI-driven safety solutions," said Rail Vision CEO, Shahar Hania.

The first phase of the contract is valued at \$1,000,000. Follow-on orders for additional ShuntingYard products, valued at up to \$4,000,000, are subject to customer approval. The contract also includes specific purchase quotas that, if met, provide the customer with exclusivity in the North American industrial railyards switching segment.

Rail Vision's unique ShuntingYard product enables railway operators to streamline and enhance the safety of their industrial switching operations. Combining advanced vision sensors with artificial intelligence and deep learning technologies, the system automatically detects and classifies objects within a range of up to 200 meters in diverse weather and light conditions. With its one-of-a-kind Pathfinder technology, the ShuntingYard product detects switch states to support the execution of coupling from even from a remote position. In addition, it enables the monitoring of operational dead zones to facilitate secure wagon coupling and sends real-time visual and acoustic alerts to remote operators and drivers, ensuring a safe and secure environment.

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. For example, the Company is using forward-looking statements when it discusses its expectation that the installation of its AI-based ShuntingYard product for the customer will be in the third quarter of this year and its intention to persist in its marketing endeavors, recognizing the growing demand for its innovative AI-driven safety solutions. 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 28, 2024. 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 thereto or 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 incorporated by reference into this press release. Rail Vision is not responsible for the contents of third-party websites.

Investor Relations

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