Foresight’s QuadSight™ Makes the Invisible Visible for Drivers in All Weather and Lighting Conditions at CES 2019

The CES 2019 Innovation Awards Honoree will Stream a Live Demo from Israel to the Show Floor

Ness Ziona, Israel – December 19, 2018 – Foresight Autonomous Holdings Ltd. (NASDAQ and TASE: FRSX), a CES 2019 Innovation Awards Honoree in the Vehicle Intelligence and Self-Driving Technology category, will showcase a live demonstration, streaming direct from Israel, of its QuadSight™ vision system designed for semi-autonomous and autonomous vehicles. Broadcasting during the evening hours in Israel, Foresight will demonstrate in real time how QuadSight™ detects any obstacle in darkness, fog, rain, and blinding glare. The demonstration will be shown in booth #2206 at CES 2019, January 8–11 at the Westgate Las Vegas.

Targeted for the rigorous performance requirements of Level 3, 4 and 5 autonomous vehicles established by the Society of Automotive Engineers, QuadSight™ is designed to achieve all obstacle detection with near-zero false alerts under all weather and lighting conditions. Leveraging decades of field-proven security technology and highly advanced image-processing algorithms, QuadSight™ uniquely enables visibility in complete darkness, snow, rain, fog, sandstorms and blinding glare. Foresight’s quad-camera technology vision system fuses two pairs of long-wave infrared (LWIR) and visible-light stereoscopic cameras to achieve an unprecedented and unmatched performance standard for autonomous vehicle vision.

“In 2018, QuadSight’s remarkable vision capabilities were embraced by both automotive manufacturers and industry observers, as Foresight recorded multiple sales of its QuadSight prototype and received a number of innovation awards,” said Haim Siboni, CEO of Foresight. “CES 2019 will offer an opportunity to demonstrate our ability to provide superior obstacle detection in all weather and lighting conditions.”

QuadSight™ combines both reflective visible-light stereoscopic and emissive thermal stereoscopic vision. While visible-light camera systems utilize the same or sometimes less information than the human eye, LWIR imaging adds another layer of information based not on visible light, but on heat emissions. Essential for safety and reliability, stereoscopic vision technology produces exceptional three-dimensional (3D) images that result in outstanding object detection and accuracy for semi-autonomous and autonomous vehicles.
At CES 2019, QuadSight™ will be demonstrated at Foresight’s booth #2206 at Westgate Las Vegas. The QuadSight™ vision system demonstration will be broadcast live several times per day. Interested parties are encouraged to contact Foresight to schedule a demo. The demonstration will be streamed to Foresight’s booth from a test site in Israel, enabling a real-time, driver’s perspective. For a brief video showing the QuadSight™ vision technology, click here. As a CES 2019 Innovation Awards Honoree, QuadSight™ will be on display at the CES Innovation Awards Showcase at Tech West, The Venetian, Venetian Ballroom E/F. A QuadSight™ prototype will also be on display at the FLIR booth #31166, LVCC South Hall.

The CES Innovation Awards is an annual competition that recognizes two levels of honorees across 28 product categories. A panel of judges, including designers, engineers and members of the tech media, reviews submissions based on design, functionality, consumer appeal, engineering and how the products compare with competition. CES 2019 will showcase more than 4,500 exhibiting companies, including manufacturers, developers and suppliers of consumer technology hardware, content, technology delivery systems and more.

For more information about Foresight and its wholly owned subsidiary, Foresight Automotive, please visit www.foresightauto.com, follow @ForesightAuto on Twitter, or join Foresight Automotive on LinkedIn.

About Foresight
Foresight Autonomous Holdings Ltd. (NASDAQ and TASE: FRSX), founded in 2015, is a technology company engaged in the design, development and commercialization of stereo/quad-camera vision systems for the automotive industry based on 3D video analysis, advanced algorithms for image processing and sensor fusion. The company, through its wholly owned subsidiary Foresight Automotive Ltd., develops advanced systems for accident prevention, which are designed to provide real-time information about the vehicle’s surroundings while in motion. The systems are designed to improve driving safety by enabling highly accurate and reliable threat detection while ensuring the lowest rates of false alerts. The company’s systems are targeting the Advanced Driver Assistance Systems (ADAS), semi-autonomous and autonomous vehicle markets. The company estimates that its systems will revolutionize automotive safety by providing an automotive grade, cost-effective platform, and advanced technology.

Forward-Looking Statements
This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995 and other Federal 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, Foresight is using forward-looking statements in this press release when it discusses the potential of its products and future demonstrations of its QuadSight™ vision system. Because such statements deal with future events and are based on Foresight’s current expectations, they are subject to various risks and uncertainties and actual results, performance or achievements of Foresight could differ materially from those described in or implied by the statements in this press release.

The forward-looking statements contained or implied in this press release are subject to other risks and uncertainties, including those discussed under the heading "Risk Factors" in Foresight’s registration statement on Form 20-F filed with the Securities and Exchange Commission ("SEC") on March 27, 2018, and in any subsequent filings with the SEC. Except as otherwise required by law, Foresight undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. 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. Foresight is not responsible for the contents of third-party websites.

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QuadSight™ is a trademark of Foresight Autonomous Holdings Ltd.
"In 2018, the exceptional vision capabilities of the QuadSight™ system were lauded by manufacturers and influential industry figures, as Foresight recorded numerous sales for the QuadSight™ system and received several technological innovation awards."

"During the CES 2019, we’ll have the unique opportunity to demonstrate our best-in-class capabilities to detect obstacles under all weather and lighting conditions."

"The QuadSight™ system integrates a combination of stereo vision and thermal imaging cameras. While the visible light cameras utilize the same information as a human eye, the information received from the thermal cameras adds an additional layer of data that is not based on visible light, but on infrared emission."

"Stereo vision technology is crucial for autonomous vehicles, as it generates three-dimensional images that allow detecting obstacles without prior training."

"In December 2018, the QuadSight™ system was chosen as the winner of the 2019 CES Innovation Awards Honoree in the category of Vehicle Intelligence and Autonomous Driving, demonstrating a live demonstration of the technological vision system from Israel directly to the CES 2019, which will be held between January 8-11, 2019, at the Westgate Hotel in Las Vegas."

"The QuadSight™ system, based on proven and tested technology for more than two decades, utilizes precise algorithms for image processing, allowing a unique vision in submerged, fog, rain, sleet, dust, and sand conditions."

"The vision system of Foresight is based on four cameras that combine two pairs of visible and thermal cameras in stereo vision technology in order to achieve obstacle detection for autonomous vehicles without prior training.

"During the demonstration at CES 2019, in Hall 2206, Foresight will demonstrate in real-time how the QuadSight™ system overcomes all obstacles in darkness, fog, rain, snow, and turbulence conditions.

"The QuadSight™ system is designed to meet the requirements of autonomous vehicles according to the classification of the SAE (SAE), intended to be used in autonomous vehicles, as well as in autonomous vehicles, creating images three-dimensional images that allow detecting obstacles without prior training.

"In 2019 CES Innovation Awards Honoree, we will demonstrate the ability of the QuadSight™ system to detect obstacles under all lighting and temperature conditions.

"Foresight - the fusion of advanced technology, excellence, and vision - is proud to present the QuadSight™ system at CES 2019, demonstrating our unique capabilities to detect obstacles under all weather and lighting conditions.

"Foresight, a public limited company traded on Nasdaq and Tel Aviv: FRSX, which was selected as the champion of the 2019 CES Innovation Awards Honoree in the category of Vehicle Intelligence and Autonomous Driving, will demonstrate a live demonstration of the technological vision system from Israel directly to the CES 2019, which will be held between January 8-11, 2019, at the Westgate Hotel in Las Vegas.

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CES 2019, the quad-sight™ was displayed in booth number 2206 at Westgate Las Vegas. The demonstration of the system will be shown several times a day. Everyone is encouraged to make contact with Foresight for scheduling this demonstration.

The demonstration will be shown in real-time at a site in Israel at the Foresight facility. To view a short video about the automatic vision technology of the quad-sight™, click here. As a winner of the CES Innovation Award Honoree, the quad-sight™ will also be displayed at the CES Innovation Award Showcase in Tech West - B in the Venetian Ballroom E/F, The Venetian. In addition, the prototype of the quad-sight™ will also be displayed at FLIR, booth number 31166 at South Hall LVCC.

Competition for Innovation Award at CES is an annual competition that awards the honorees in each of 28 categories of the products. The jury, which includes designers, engineers and technologists, examines the competing products based on design, functionality, attractiveness to consumers, engineering, and comparison to competing products.

Foresight offers autonomous technology solutions in the form of video technology and content providers. Foresight operates in all segments of the automotive industry, from ADAS (Advanced Driver Assistance Systems) to autonomous vehicles. The company estimates that its systems will revolutionize the automotive industry due to the high technological level they offer.

For more information about Foresight and its subsidiary, Foresight Automotive, visit the company's website www.foresightauto.com, follow @ForesightAuto on Twitter, or join the company's LinkedIn profile "Foresight Automotive."
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