FORESIGHT

FORESIGHT AUTONOMOUS

NASDAQ/TASE - FRSX

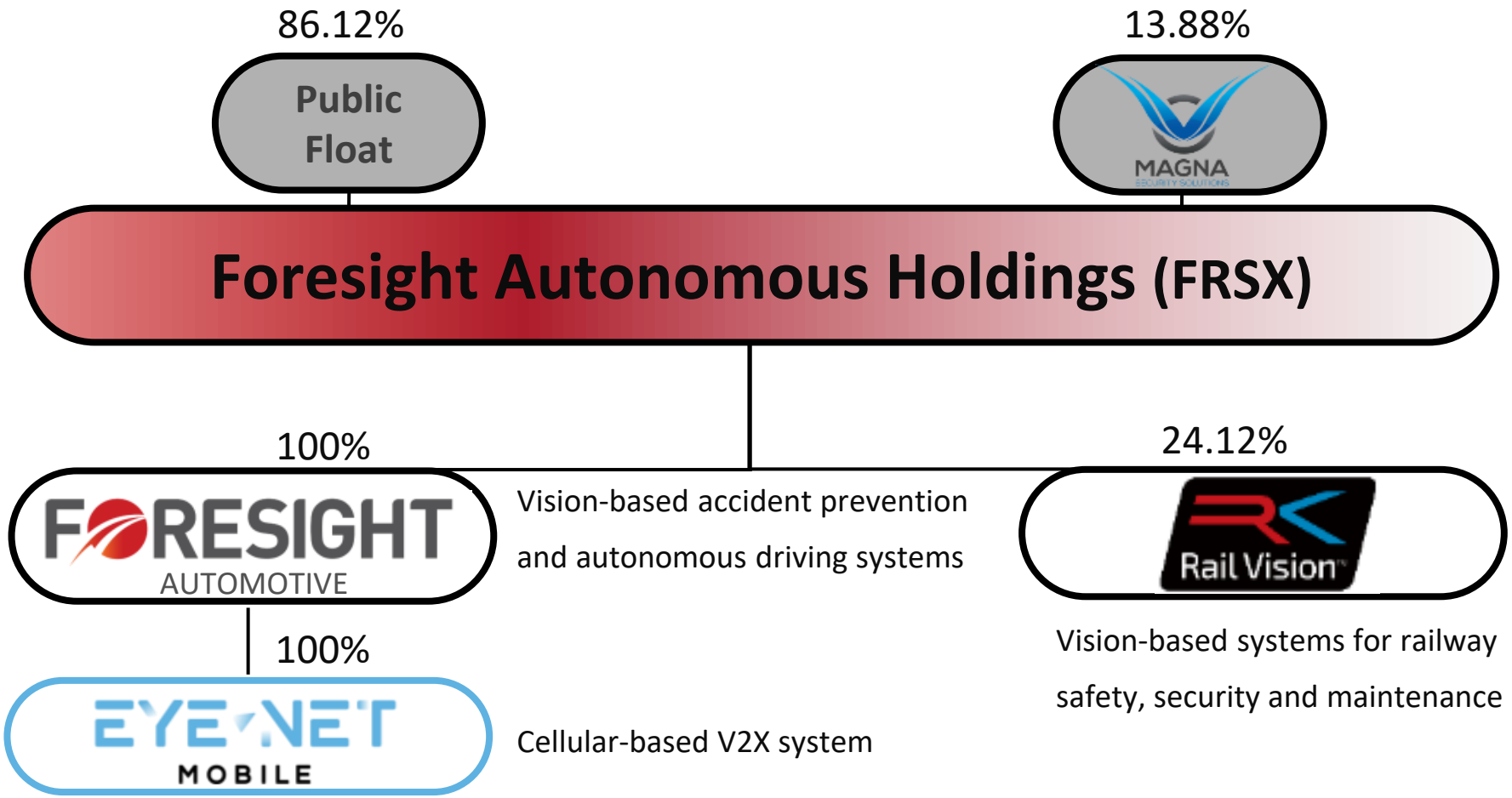
September 2020

FORWARD-LOOKING STATEMENTS

This presentation of Foresight Autonomous Holdings Ltd. (the "Company") 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, Foresight is using forward-looking statements in this presentation when it discusses the potential of its products, that its COVID-19 symptom detection mass screening solution is under accelerated development and moving toward pilot projects.

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 registration statement on Form 20-F, filed with the SEC. 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.

STRUCTURE


86.12%
Public Float
13.88%
MAGNA
Foresight Autonomous Holdings (FRSX)
100%
FORESIGHT AUTOMOTIVE
Vision-based accident prevention and autonomous driving systems
24.12%
Rail Vision
Vision-based systems for railway safety, security and maintenance
100%
EYE-NET MOBILE
Cellular-based V2X system

FINANCIALS

NASDAQ/TASE – FRSX
MARKET CAP
$82 million*

SHARES OUTSTANDING
258.5 million shares
51.7 million ADR

CASH*
$17.4 million

GAAP SHAREHOLDERS' EQUITY*
$22.2 million

*As of June 30, 2020

FORESIGHT AUTOMOTIVE AT A GLANCE

Advanced Safety Driver Assistance and Autonomous Driving Vision Solutions

Employees
~70
Mainly R&D

6
Patents

Traded:
TASE, NASDAQ (FRSX)

Core Technology
Software & Algorithms

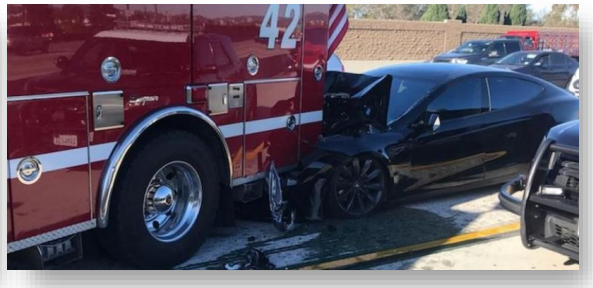
Mature Technology
adapted from operational surveillance applications

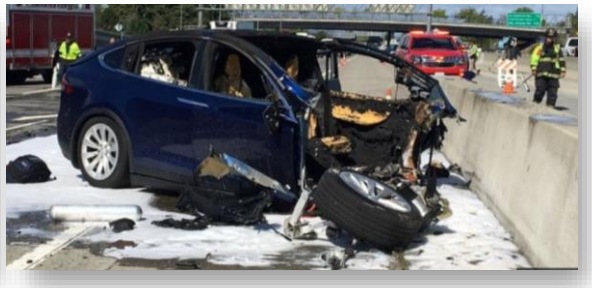
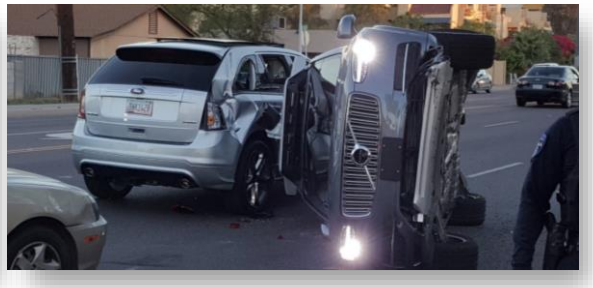
Founded:
2015

Value Proposition
All obstacle detection in harsh weather and lighting conditions

INDUSTRY CHALLENGE

All Obstacle Detection

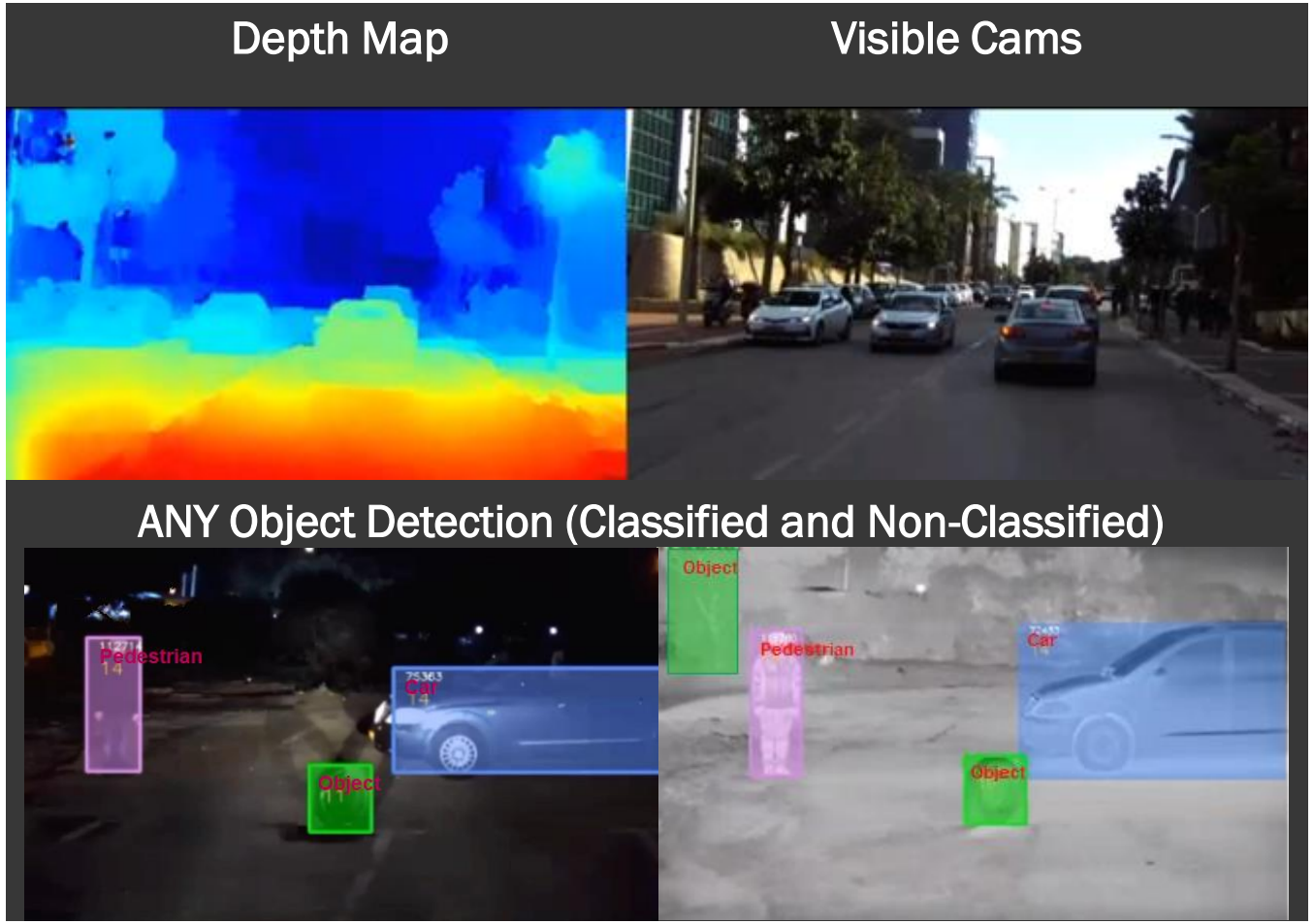


Harsh Weather Conditions

TECHNOLOGY – THE BASICS – STEREOSCOPY

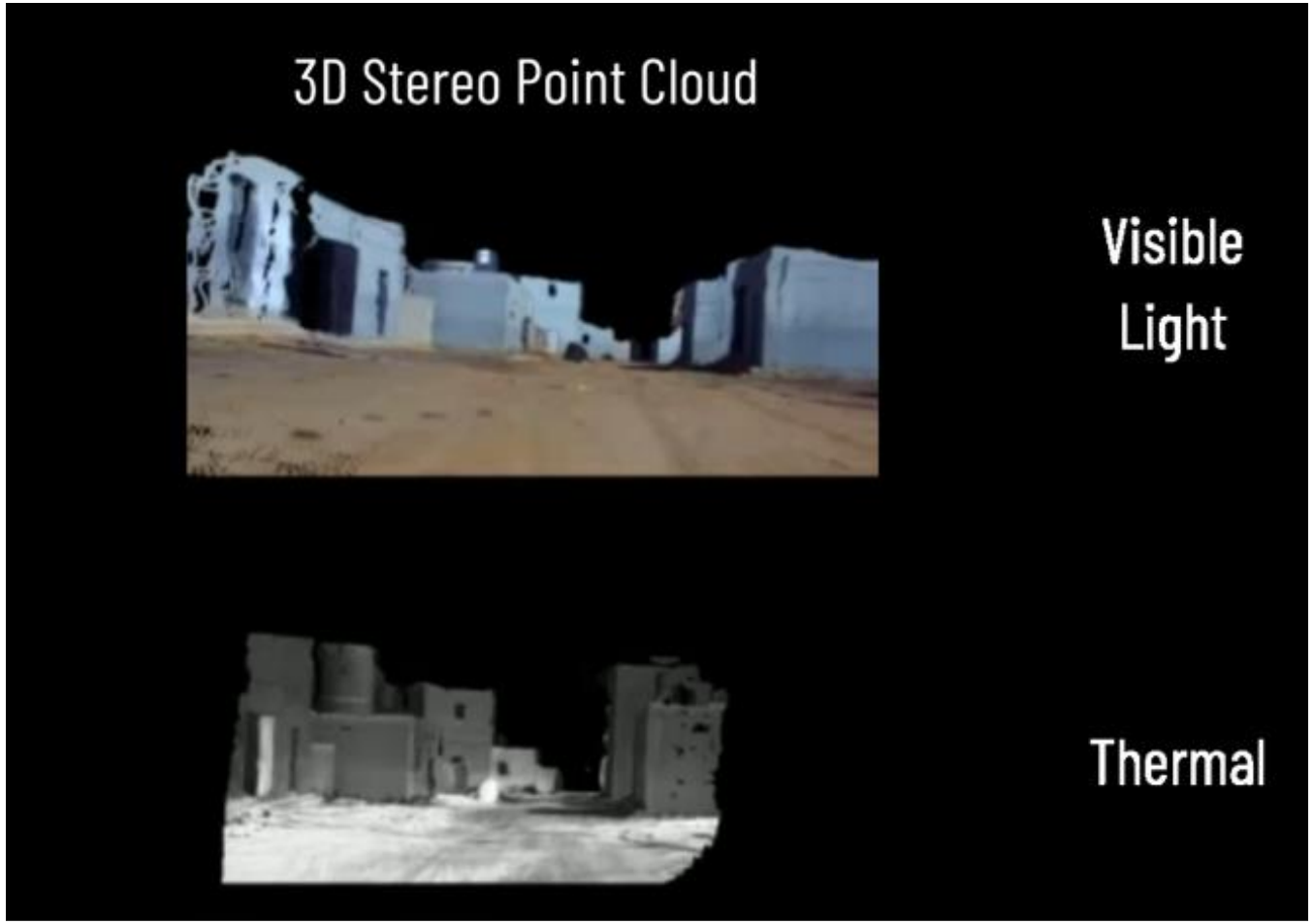
Uses two synchronized cameras to generate a depth map and provide accurate obstacle detection and classification



- Detection of ANY object
- Accurate size, location and distance of object.
- Adding deep neural networks (DNN) for object recognition
- Classification of Objects

TECHNOLOGY - 3D POINT CLOUD

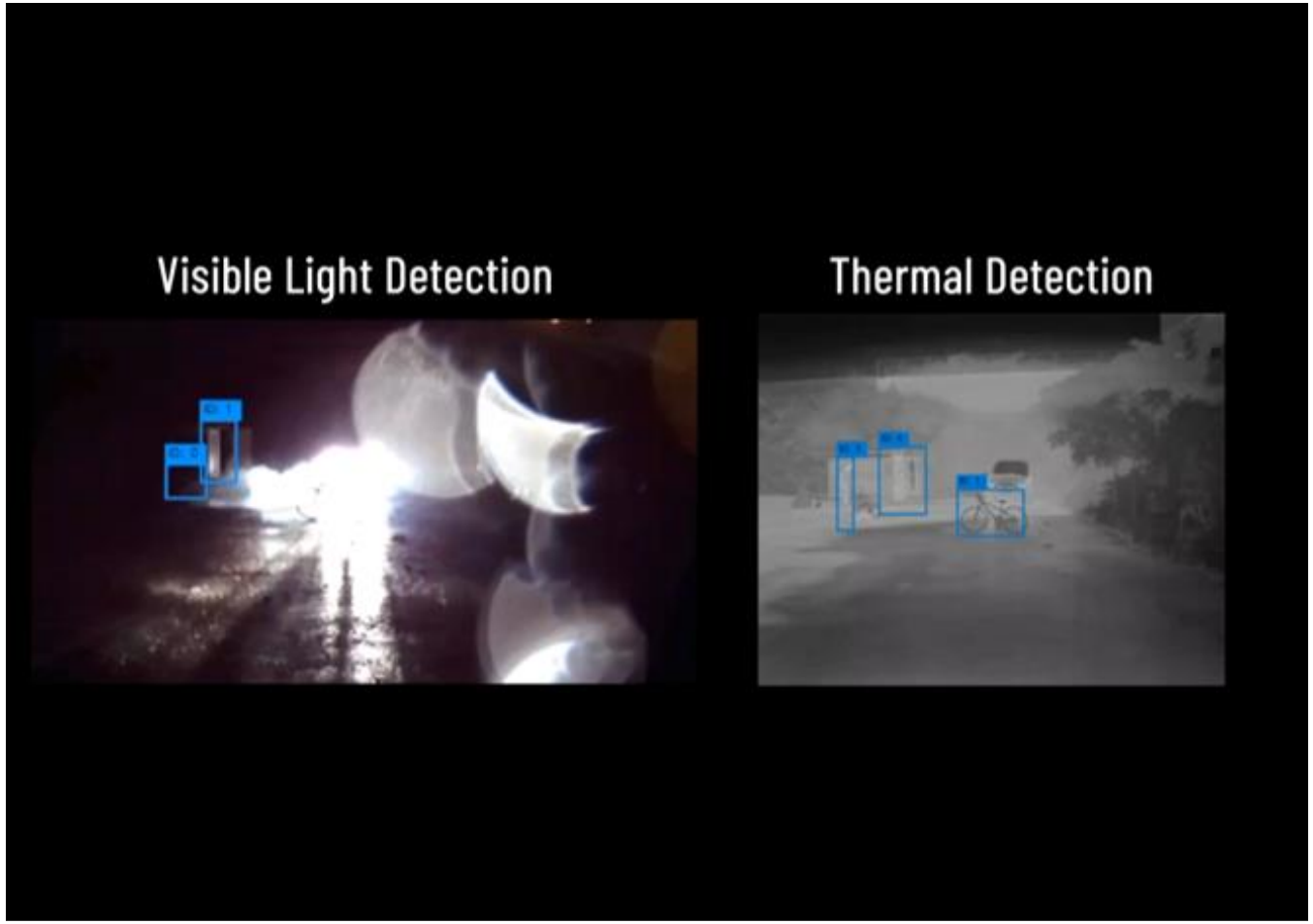
Provides 3D data for obstacle detection, terrain analysis and sensor fusion



- Generates an accurate depth map for both visible and LWIR spectrum
- Converted to a high-resolution 3D point cloud
- Provides rich and accurate per pixel information

TECHNOLOGY - INFRARED THERMAL CAMERAS

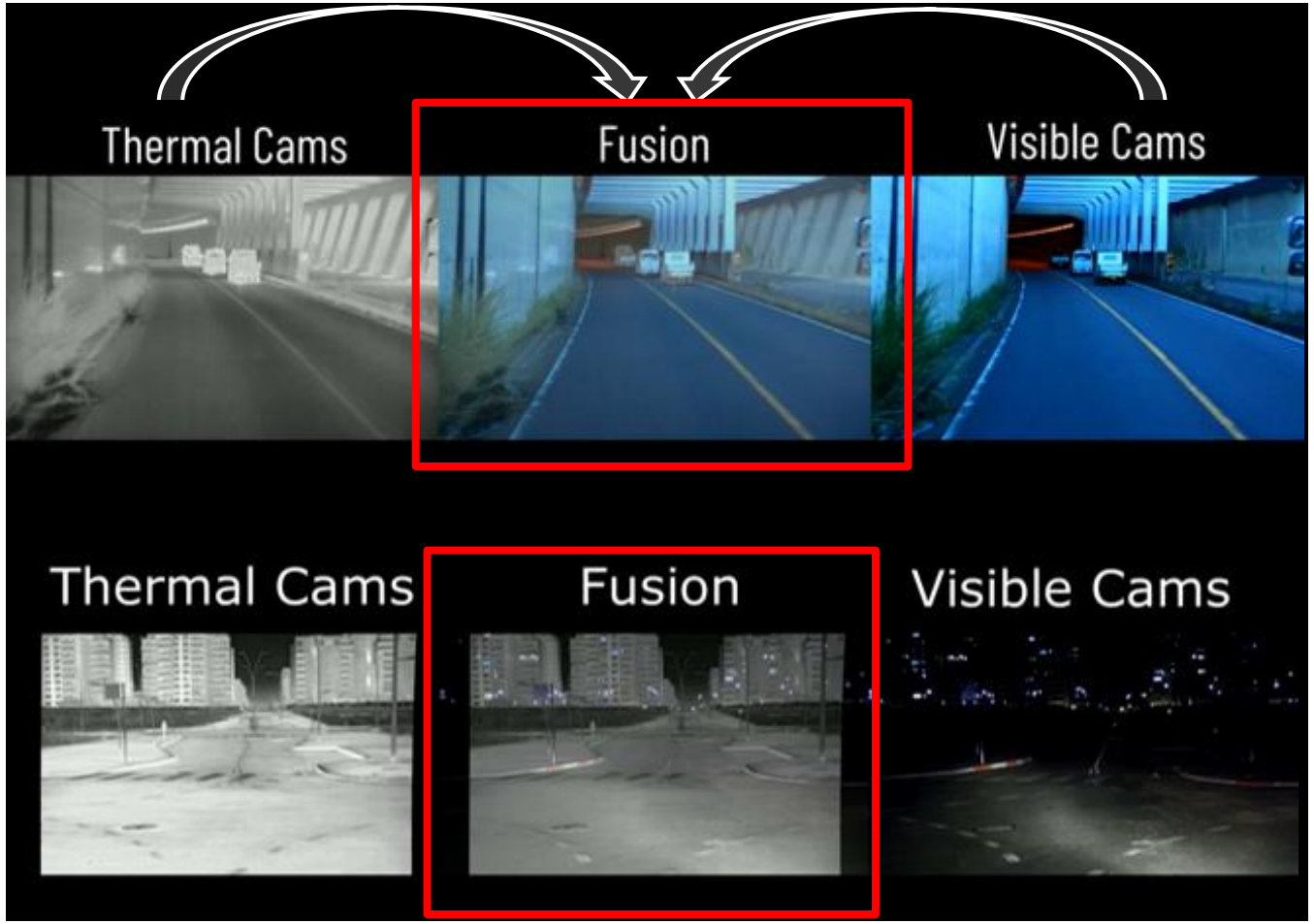
Rely on emissivity of different objects, as opposed to sensors of other systems, which rely only on reflective light



- Detection in harsh weather and lighting conditions
- Native detection of pedestrians and animals

TECHNOLOGY - SENSOR FUSION

Combines data from visible-light and thermal channels for accurate obstacle detection



- Addresses corner-case scenarios
- The system automatically switches to a channel according to the relevant scenario

STEREO – FORESIGHT'S INNOVATION

Traditional Stereo Systems

Rigid beam mounting

Foresight's Stereo Modularity

Separated cameras

Advantage of camera separation:

- Longer distances
- Higher distance accuracy
- Flexible placement / Easy installation
- Visible and IR cameras

MARKETS

Passenger Vehicles

Military Vehicles

Industrial Vehicles

Commercial Vehicles

MAIN ACHIEVEMENTS IN 2020

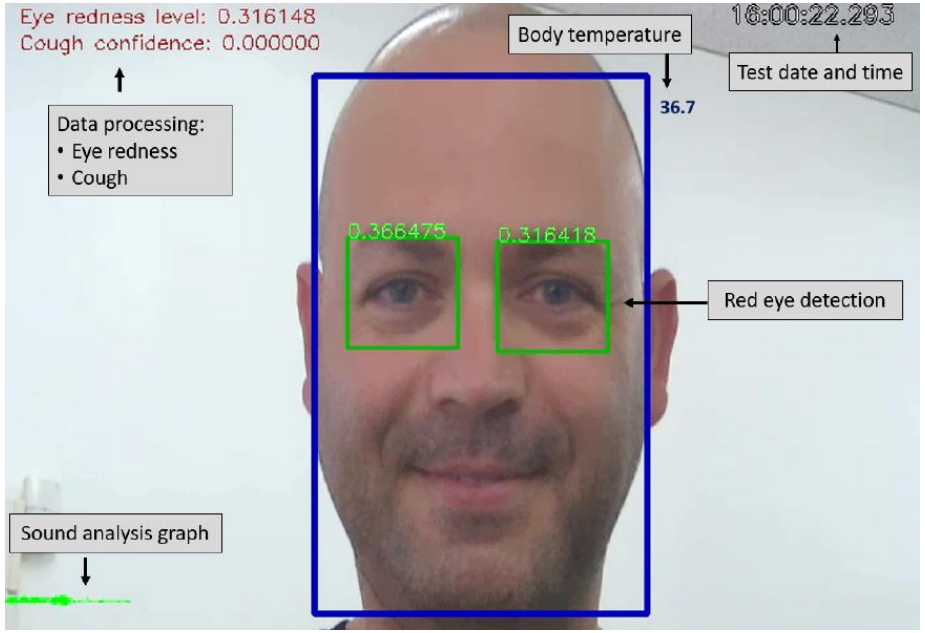
- Strategic Agreement with FLIR Systems (April)
- Joined the largest European R&D project- Horizon 2020 (May)
- Entered development project with Elbit Systems (July)
- Continued to sell additional QuadSight® prototypes

Horizon 2020 Programme

*Trademarks are the property of their respective owners

COVID-19 SYMPTOM DETECTION MASS SCREENING SOLUTION

- Patent submitted in the United States for system to detect up to six common symptoms of the COVID-19 virus
- System leverages thermal cameras, artificial intelligence, and advanced algorithms
- Detects symptoms include fever, cough, and signs of fatigue
- Combination of Foresight's intellectual property, thermal cameras, and visible light cameras avoids false positives
- Under accelerated development – pilot projects



AWARD WINNING TECHNOLOGY

2020	2019	2019	2018
Big Innovation Awards	CES Innovation Awards Honoree in the Vehicle Intelligence and Self-driving Technology category	Edison Awards Gold Winner in the Transportation & Logistics, Autonomous Vehicles category	New Mobility World Lab18 Startup Challenge

EYE-NET MOBILE AT A GLANCE

Cellular-based V2X accident prevention solution

Employees
11
Mainly R&D

2
Patents

100% fully owned by Foresight Automotive

Core Technology
Software & Algorithms

Market Traction
- First pilot project
- 4 Trials/Integrations

Founded:
2018

Value Proposition
Provide real-time alerts about predicted collisions in all weather and lighting conditions

HOW EYE-NET™ PROTECT WORKS

Each of the installed mobile devices is aware of its location and constantly transmits it to Eye-Net™ servers

1

The Eye-Net™ servers send the location of other devices in the vicinity to each device, effectively making devices aware of the road users around it

2

The Eye-Net™ application constantly searches for potentially dangerous conditions or collisions

3

Once a potential collision is detected, immediate visual and audio alerts are sent out to all users involved

4

RAIL VISION AT A GLANCE

Obstacle detection & classification systems for the railway industry

Employees
65

Founded:
2016

FRSX owns 24% of Rail Vision

Core Technology

Electro Optics, Deep Learning Software & Hardware

Market Traction

- First commercial order
- Investment from Knorr-Bremse GmbH

Value Proposition

Provide high-end solutions to the core challenges of the rail industry

ABOUT RAIL VISION

- Technology company engaged in the design, development and manufacture of the first cognitive vision and safety system for the railway industry
- Main focus:

  Safety: State-of-the-art long-range obstacle detection system

  Provide condition-based maintenance
- March 2019 - $10 million strategic investment by Knorr-Bremse (KB) – a leading Tier-One supplier in the railway industry
- April 2020 - Received initial order of 0.5M Euro from leading European train operator for prototype system. Successful testing could entail purchase of systems for 2.5M Euro, with additional 3.5M Euro expansion. Commercial agreement to be signed in the near future

FORESIGHT

THANK YOU!

Info@foresightauto.com

www.foresightauto.com