

RICARDO MOBILITY SUMMIT 2021 CONVERGENCE APRIL 22, 2021 • 11 A.M. EDT VIRTUAL EVENT REGISTER NOW

Home > Mobility Report

March 17, 2021 07:03 PM

Humanetics builds a bridge between simulated and real worlds with Israeli tech startup

Foretellix has previously partnered with Volvo, Denso and NHTSA

PETE BIGELOW

TWEET SHARE IN SHARE EMAIL PRINT



While you may see an occasional self-driving vehicle going down the street in some cities, public roads have not been the prime proving grounds for the technology. It's been simulated environments.

As many companies cover millions of miles of ground in simulation, however, they've realized they still need to verify their simulated results in the real world.

Humanetics, the safety testing company perhaps best known for building crash-test dummies, has partnered with Israeli auto-tech startup Foretellix to build a bridge between those physical and simulated worlds.

MOBILITY REPORT NEWSLETTER: Sign up for our Thursday afternoon Mobility Report newsletter, your one-stop shop for the latest developments at the intersection of transportation and technology.

EMAIL ADDRESS SUBMIT

I'm not a robot

The two companies said Tuesday they're melding a system that uses Foretellix's verification platform with Humanetics' control software. It can be used to validate test results for both driver-assist and fully autonomous driving technologies.

"There needs to be some correlation between what happens in the real world and what happens in the virtual world, because you cannot verify something in a good way if you have not tested both," Roy Fridman, vice president of business development and sales at Foretellix, tells *Automotive News*. "Knowing what's happening inside the car itself, this is a mechanism that you must have."

Both companies will showcase their new tools in May at the GoMentum Station automated-vehicle proving ground in Concord, Calif.

For Foretellix, the partnership marks the second significant milestone this month. The company, headquartered in Tel Aviv, inked a partnership with Volvo Autonomous Solutions to provide validation and verification of self-driving mining trucks that operate both on public roads and in confined areas such as caves.



CONTENT FROM IHS MARKET BLOG

Drivers reveal exactly how fast they want EVs to charge – and these cars are setting the pace

It comes as no surprise that the biggest setback for electric cars has been range anxiety and the 'inconvenience' of charging them.

[READ MORE >](#)

One of the challenges of testing in real-world driving is replicating scenarios that are similar but slightly different. A human driver can cut in front of an automated vehicle, for one example, in thousands of similar ways that are subtly different. Foretellix's platform can generate thousands of permutations from a single test scenario and help manufacturers and system developers validate their system's competence across all of them.

Since its founding in 2017, the company has raised \$15.5 million, according to Crunchbase records.

Previously, Foretellix has formed partnerships with supplier Denso and has worked to develop standards and verification of autonomous systems with NHTSA.



SPONSORED CONTENT

Ricardo Mobility Summit: CONVERGENCE, April 22, 11 am EST.

Convergence showcases dozens of prominent leaders from across the country, from Ford CTO Dr. Ken Washington to Microsoft VP Ulrich Homann. Discussions range from the evolution of propulsion to software, autonomy, digitization, infrastructure and investment. Presented in conjunction with Automotive News, Convergence scours megatrends that affect us all.

Disruptors abound and the transportation of goods and services is being reshaped daily. Learn how leaders from auto, government, software and private equity plan to tackle the next phase of mobility.

Register for this virtual event at <https://ricardo-northamerica.com/>

Letter to the Editor

Send us a letter
Have an opinion about this story? Click here to submit a Letter to the Editor, and we may publish it in print.

RECOMMENDED FOR YOU



Dumped scooter? Call 911



Free2Move expands to West Coast



Rivian's challenge: Maintain a personal touch long term

Sponsored Content: Transforming service with IoT

Automotive News Comment Policy

Automotive News will delete all comments that contain profanity or personal attacks. Repeat offenders will be banned. Please read our [Comment Policy](#) before commenting.



0 Comments Automotive News Disqus' Privacy Policy

Login

Recommend Tweet Share

Sort by Newest

LOG IN WITH

OR SIGN UP WITH DISQUS



Be the first to comment.

Subscribe Add Disqus to your site Do Not Sell My Data

DISQUS

GET FREE NEWSLETTERS

Sign up and get the best of Automotive News delivered straight to your email inbox, free of charge. Choose your news – we will deliver.

Email Address CHOOSE NEWSLETTERS

SUBSCRIBE TODAY



Get 24/7 access to in-depth, authoritative coverage of the auto industry from a global team of reporters and editors covering the news that's vital to your business.

SUBSCRIBE NOW

CONNECT WITH US



Our mission

The Automotive News mission is to be the primary source of industry news, data and understanding for the industry's decision-makers interested in North America.

Automotive News

CONTACT US

1155 Gratiot Avenue
Detroit, Michigan
48207-2997

(877) 812-1584

Email us

Automotive News
ISSN 0005-1551 (print)
ISSN 1557-7686 (online)

Fixed Ops Journal
ISSN 2576-1064 (print)
ISSN 2576-1072 (online)

RESOURCES

About us

Contact Us

Media Kit

Subscribe

Manage your account

Reprints

Ad Choices

Sitemap

LEGAL

Terms and Conditions

Privacy Policy

Privacy Request