SafeRide Technologies Launches CAN Optimizer, Enhancing Cloud Anomaly Detection Capabilities

CAN Optimizer uses advanced machine learning algorithms to compress raw CAN bus data,
reducing the bandwidth required to upload information to the cloud

Tel Aviv, Israel – October 1, 2018 – SafeRide Technologies, the first automotive cybersecurity company to offer a multi-layer deterministic and heuristic anomaly detection and threat prevention solution, today announced the launch of its CAN Optimizer solution, to be demonstrated this week at the Paris Motor Show.

While uploading raw CAN data to the cloud enables advanced anomaly detection capabilities, the process consumes a significant amount of bandwidth. SafeRide's CAN Optimizer dramatically decreases the bandwidth needed to do so by providing 98-99% reduction in data size, with a typical lossless compression ratio more than 15 times better than other compression algorithms that are currently on the market. This will greatly benefit OEMs and fleet managers by further helping to uncover unknown cybersecurity vulnerabilities, identifying malfunctions before they happen, and even detecting misuse and abuse of vehicles.

"Our machine learning model has proven to be sufficiently accurate that we only need to send data to the cloud when it does not follow the most probable prediction, which only happens a fraction of the time," said Yossi Vardi, CEO of SafeRide. "Combined with our vSentry multi-layer cybersecurity solution, CAN Optimizer allows for a whole new level of zero-day vulnerability detection capabilities, as well as fleet operation efficiency optimization. These advancements lead to drastic cost reduction in both data and storage for OEMs and fleet operators."

SafeRide will showcase its vSentry and CAN Optimizer solution with industry-leading partner, Irdeto, at the Paris Motor Show on October 1-6. Please visit **booth J60**, Pavillion 7 to learn more and receive a demo.

About SafeRide Technologies
SafeRide Technologies is the provider of vSentry^{TM}, the industry-leading multi-layer cybersecurity solution for connected and autonomous vehicles that combines state-of-the-art deterministic security solution with a groundbreaking AI profiling and anomaly detection technology to provide future-proof security. SafeRide provides OEMs, fleet operators and automotive suppliers early detection and prevention of cyber attacks, and helps to avoid financial damage, prevent reputation loss, and save lives. For more information, visit www.saferide.io