Fujitsu and Trend Micro Collaborate for Connected Car Security Solution

Providing service with comprehensive detection and threat analysis on vehicle data and cloud infrastructure threat data starting January 2022

DALLAS, October 13, 2021 – Trend Micro Incorporated (TYO: 4704; TSE: 4704), a global cybersecurity leader, and Fujitsu Limited agreed to collaborate with automotive-related manufacturers to strengthen connected car security measures.

With this collaboration, Fujitsu will provide a security countermeasure solution for connected cars, the V-SOC (Vehicle-Security Operation Center) service, and Trend Micro Cloud One will protect the backend cloud infrastructure. These solutions will work in tandem to detect vehicle abnormalities such as gas pedal and brake malfunctions, and add detection capabilities for unauthorized communications and attempts to tamper with telematics servers, as well as security data on the cloud infrastructure. All these elements are detected and analyzed in an integrated manner.

The two companies aim to provide new security services to be verified globally, including in Japan, Europe, the United States, and the APAC region starting in January 2022. The new services will make it possible to visualize the overall picture of potential cyberattacks by detecting threats originating from cloud infrastructure, representing an easy target for the attackers, and linking these detection capabilities with alerts in the vehicle. The new services will additionally make it possible to identify the location of the threat and the extent of the impact of cyberattacks and take measures at appropriate points that need to be dealt with, offering robust support for security measures for connected cars from automotive-related manufacturers.

From 2022, the two companies will work to strengthen security measures for vehicles themselves in addition to cloud infrastructure.

Currently, cybersecurity regulations in the automotive industry are based on the regulations defined by one of the subcommittees of the World Forum for Harmonization of Automotive Standards (WP.29)[*1]. The WP.29 regulations are required to be applied to CSMS (Cyber Security Management Systems). These regulations describe the need for a system to collect, monitor, and analyze threat information both inside and outside the vehicle to realize autonomous driving. Automotive manufacturers around the world are taking countermeasures based on this guidance.

By linking Fujitsu's V-SOC and Trend Micro Cloud One, it is possible to get insights into cloud infrastructure security logs in addition to vehicle data, enabling more threat information to be detected and collected. By correlating the collected data with SIEM[*2], when an incident occurs, users can promptly determine the origin of the attack and the extent of its impact and provide the customer with information for a prompt response.This solution is a one-stop service that strongly supports customers' security measures for connected cars.

The new security solution developed through this collaboration will be rolled out globally, including in Japan, Europe, the United States, and the APAC region to automotive manufacturers, automotive suppliers, automotive leasing, and car rental companies developing businesses in fields such as connected cars, electric vehicles, and autonomous driving.

In the future, Fujitsu will promote efforts toward realizing smart cities with mobility as a point of departure, leveraging a variety of vehicular and traffic data collected in areas such as autonomous driving and logistics. Trend Micro will continue to provide security solutions for the new society of connected cars and mobility.

To learn more about the V-SOC service, please visit:https://www.fujitsu.com/jp/solutions/business-technology/future-mobility-accelerator/mobility-security/en/.

To learn more about Trend Micro Cloud One, please visit:https://www.trendmicro.com/cloudone.

To learn more about Connected Car Security, please visit:https://www.trendmicro.com/en_us/business/solutions/iot/connected-car.html

*1: The UNECE World Forum for Harmonization of Vehicle Regulations (WP.29)

*2: Security Information and Event Management

About Trend Micro
Trend Micro, a global cybersecurity leader, helps make the world safe for exchanging digital information. Fueled by decades of security expertise, global threat research, and continuous innovation, Trend Micro's cybersecurity platform protects hundreds of thousands of organizations and millions of individuals across clouds, networks, devices, and endpoints. As a leader in cloud and enterprise cybersecurity, the platform delivers a powerful range of advanced threat defense techniques optimized for environments like AWS, Microsoft, and Google, and central visibility for better, faster detection and response. With 7,000 employees across 65 countries, Trend Micro enables organizations to simplify and secure their connected world. www.TrendMicro.com.

About Fujitsu
Fujitsu is the leading Japanese information and communication technology (ICT) company offering a full range of technology products, solutions and services. Approximately 126,000 Fujitsu people support customers in more than 100 countries. We use our experience and the power of ICT to shape the future of society with our customers. Fujitsu Limited (TSE:6702) reported consolidated revenues of 3.6 trillion yen (US$34 billion) for the fiscal year ended March 31, 2021. For more information, please see www.fujitsu.com.

Additional assets available online: Photos (1)

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