

IIJ Global Teams Up for Connected Cars Security | Excelfore

Integrating cybersecurity certificates for WP.29 compliance

Fremont, California Jul 14, 2026 ([Issuewire.com](https://www.issuewire.com)) - Excelfore, an innovator in connected car technologies, and [IIJ Global](#) announce that they are collaborating on the development of a security solution for in-vehicle software in connected cars. This collaboration helps ensure compliance with the UNECE WP.29 automotive regulations for software installation and updates.

Under this collaboration, the Excelfore eSync Over-The-Air (OTA) software update system will be integrated with the IIJ Global IoT Trust Service™ security infrastructure.

The IoT Trust Service will issue security certificates for the eSync server in the cloud, a part of the eSync server/client/agent architecture. During an [OTA software update](#), the eSync system uses this certificate to confirm the security of the link before transmitting the update. The information authenticated by the IoT Trust Service is linked to and managed by the eSync server.

Shrinath Acharya, CEO at Excelfore, said, “It can be challenging for automakers to ensure compliance with the WP.29 regulations. Working together, IIJ Global and Excelfore provide a robust, fully compliant platform for OTA updates.”

WP.29 is a set of automotive regulations within the framework of the United Nations Economic Commission for Europe (UNECE). Under regulations published within WP.29, from July 2022, vehicles that support wireless software updates must prove that security is protected by the cybersecurity management system during development, manufacturing and post-manufacturing. To meet this regulation, the system requires mechanisms that keep automotive software information secure and well protected.

Excelfore provides an OTA data pipeline to handle secure bidirectional transmission between in-vehicle electronic systems, and remote processing and storage in the cloud. The Excelfore OTA pipeline is a full implementation of the eSync standard, which is published by the eSync Alliance. The eSync platform can deliver and update software and firmware over the air, while collecting real-time operational data from in-car devices including ECUs, domain master ECUs, network gateways, and smart sensors.

IIJ Global's IoT Trust Service is a new Public Key Infrastructure (PKI) system and management service, developed using technology patented by Internetworking & Broadband Consulting Co., Ltd (IBC). It is a unique platform service that proves the legitimacy and safety of IoT devices and firmware, and prevents spoofing and tampering.

The new security solution is scheduled full-scale services from October 2022.

About IIJ Global

IIJ Global Solutions Inc. (IIJ Global) was established in September 2010 as an IIJ Group company by acquiring AT&T Japan's local Network Outsourcing service business. IIJ Global provides comprehensive network outsourcing services for enterprises, global network security services including SASE, and a digital workplace with a secure, high-quality IT infrastructure environment. For more information about IIJ Global, visit the IIJ Global Website at <https://www.iijglobal.co.jp/en/>.

About Excelfore

Excelfore is accelerating vehicle data services by unifying edge systems with the Cloud. Excelfore's innovative solutions include the eSync OTA, eDatX data aggregation, eLearn analytics platforms and in-vehicle networking protocol stacks. The eSync OTA platform is based on the eSync Alliance standard which enables connected cars, electric vehicles and autonomous vehicles. Excelfore customers include the top tier global OEMs and suppliers in the automotive industry and its solutions are driving millions of vehicles globally. Excelfore is headquartered in the Silicon Valley, and has offices in Shanghai, Frankfurt, Tokyo and Bangalore.

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