

Over-the-Air Update Service

Kudelski IoT Secure FOTA empowers you to manage your product's entire lifecycle.

CONTEXT

When devices are designed and built, they ideally apply state-of-the-art security controls protecting against known threats. But no company can protect against threats they don't know, and not only security, but also business models, features and drivers and libraries also need to change over time.

How can you ensure your devices keep pace with a changing business and threat environment without the cost and complexity of having to update them manually or replace them altogether? By embedding them with our robust and secure FOTA (firmware over the air) update service.

Reduces cost – no need to do recall of your devices or cars. Update them remotely for a much lower cost.

Enables safe firmware upgrades, anytime & anywhere – updates can be easily delivered while protecting devices from malware or unauthorized firmware.

Reduces time to market – produce and release devices into the supply chain knowing they can be easily updated when they arrive to market.

Facilitates bug fixes and features update – when you need to fix bugs or add new features, you can deliver them simply and securely.

BENEFITS

Secure FOTA advantages

Manage rollouts

Roll out an application or firmware update starting with your development devices. Once fully tested, enable a progressive roll-out to your customers' devices.

Control who is deploying software thanks to the strong user authentication.

Protect devices

Protect your devices by storing the signing keys that enable updates in our ultra-secure Hardware Security Modules (HSM).

Signature keys are very important in any OTA update system. Leaks could leave your devices open to attack, so use our technology and expertise to protect them.

Comply with regulations

Comply with emerging regulations and standards requiring remote update capabilities for connected IoT devices. Whether it is a security patch, a bug fix or a new feature to improve your product, Kudelski IoT Secure FOTA Service gives you a path to secure success.

WHO ARE WE?

30 years of secure device management experience

The Kudelski Group has managed the secure update process of remote, in-field devices for our customers for more than three decades. With more than 400 million devices in the field, we have the expertise and operational experience required to manage secure FOTA for consumer, medical, industrial, media, automotive or any other connected device.