Cinterion®
Support Package

SW06

Cinterion IoT Suite Module FOTA Support

Customer Consulting

Design-In Consulting
Schematics, Layout Review

Hardware Consulting
Antenna, ESD, Spurious

Device Management
Firmware Update over the Air

Approval Consulting
Protocol, Toolkit, SIM (SW, HW)

Production Consulting
Production line, End of Line

Motivation

Cellular networks are constantly evolving to support innovative capabilities and growing connections, especially with the current deployment of new IoT dedicated technologies such as NB-IoT and LTE-CAT M. This requires regular software updates to keep devices working at their best. However, physical maintenance of large fleets of devices in the field can turn out to be cost prohibitive and time-consuming.

Telit Cinterion offers the Cinterion IoT Suite platform that provides trusted device lifecycle management to simplify updates but also to control device performance, and secure devices and data. Especially Firmware updates Over-the-Air (FOTA) provides extremely efficient and secure IoT device software upgrades for any fleet size. It offers a repository as well as tools for automated update campaign execution.

Package Description

The IoT Service Agent is a thin software client that runs on Cinterion Modules and maintains a secure connection to the Cinterion IoT Suite Device Management Hub in order to enable the firmware over-the-air update services.

The Package contains support for the configuration of the modules IoT Service Agent on the module and also assist you with the set-up for special network conditions like private APNs. Besides this we will support you with the configuration of the IoT Suite web portal Front-End service and how to run FOTA campaigns for your fleet remote subscription management operations.

Package Offer

Package Content

- Support in setup and configuration of Cinterion IoT Suite services
- Support for handling of Cinterion IoT Suite web portal Front-End service

Requirements/Pre-Conditions

- Basic understanding of Cinterion Cellular Modules and handling of Java Midlets
- Contact to network provider if private APN is used

Results/Outcome

- Possibility to control firmware versions of the fleet
  - Drive automated update campaigns
- Monitor status of fleet

Conclusion – Next

Our experienced engineers will be glad to share their expertise with you, to improve the hardware and software design of your application. We offer further project attendant services which may be valuable for your project. Feel free to contact our representative for further information.

Estimated effort:
4 working days