Cinterion®
Support Package

SW01

Driver Integration

Customer Consulting

Design-In Consulting
Schematics, Layout Review

Hardware Consulting
Antenna, ESD, Spurious

**Software /
Application Consulting**
Driver Integration

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

Production Consulting
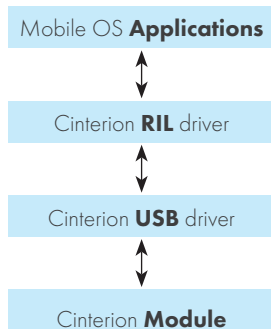Production line, End of Line

Motivation

Cinterion Modules can be used in a variety of applications with several Operating Systems. The architectures and requirements of existing Operating Systems are different and could be complex for the integration of external hardware. That's why Telit Cinterion offers a package with source code and documentation of drivers for common Operating Systems and also this Cinterion Support Package for driver integration.

In addition mobile Operating Systems like Android or Windows Mobile/CE are widely used and they have special requirements for the usage of essential components like wireless modules.

Mobile OS **Applications**
↕
Cinterion **RIL** driver
↕
Cinterion **USB** driver
↕
Cinterion **Module**

Package Description

The package contains support for the integration and configuration of Cinterion drivers into your Operating System to enable the full feature set of Cinterion Modules in your application. We offer you driver for Windows, Linux, and Android, this includes USB, serial, Radio Interface Layer (RIL), and multiplexer driver.

Package Offer

Package Content

- Support and knowledge transfer in the integration of the driver
- Customization for special requirements
- Debugging support for issues in Operating System or used software together with Cinterion Modules

Requirements/Pre-Conditions

- Provision of relevant system information, e.g. log files, code, and debugging tools
- Access to system/application if possible and necessary

Results/Outcome

- Integration and configuration of driver and software to support Cinterion Modules

Besides the default driver integration we will also support you with the customization of the driver to your needs.

For Android and Windows Mobile Telit Cinterion offers the RIL driver which is the interface between the software components of the Operating System and Cinterion Module. The configuration of this driver can be highly adapted to your requirements and in addition to the integration we will also support you with related software issues which may occure due to limitations of the used systems.

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:
3 working days

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