Cinterion®
Support Package

SW05

Ofono
SW Integration

Motivation

Ofono is widely adopted hardware abstraction layer offering a high-level API to access to several kinds of modules.

Ofono streamlines M2M application development by communicating through a high-level D-Bus with the application. No direct communication on the driver level needed to use module functions such as Voicecall, SMS, SIM management and location services. By using the AT command set, QMI, MBIM and RIL drivers, communication with modules is simplified and shortens time to market for new product lines.

Package Description

Our trained engineers will compare customer branches to the Telit Cinterion inhouse Ofono branch, and the official branch. They will asses the effort of the integration into the customer application and assist in integration of modules and work with supervisor applications. Telit Cinterion engineers will implement and test new features in customer, and inhouse branches.

Ofono SW Integration

Design-In Consulting
Schematics, Layout Review

Hardware Consulting
Antenna, ESD, Spurious
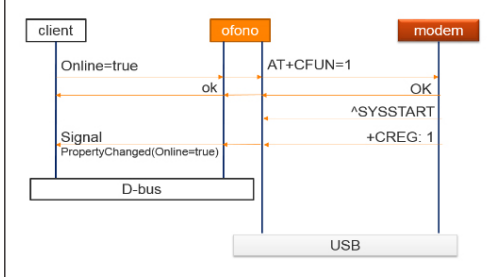
Software / Application Consulting

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

Production Consulting
Production line, End of Line

Ofono workflow

Package Offer

Package Content

- Customer, Telit Cinterion inhouse and main-branch
- comparison Integration of modules not yet supported
- by Ofono Development of new atoms for new feature
- support Integration effort assessment
- Unit testing

Requirements/Pre-Conditions

- Availability of customer application source code (optional)
- Access to customer supervisor source code (optional)
- Access to customer ofono branch (mandatory)
- Overview of customer application architecture (mandatory)

Results/Outcome

- Customer application controlling Cinterion module through Ofono, in customer use-cases

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:
5 - 10 working days

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