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INQ[®] End-to-End Payment Platform

Rohde & Schwarz 2G Integrated Solutions

Description

In partnership with Rohde & Schwarz (R&S), Integri developed several test suites for 2G Automated Handset testing. Rohde & Schwarz is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation as well as mission-critical radiocommunications. Established more than 70 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries.

The combination of parts of the handset test libraries of Integri (incl. SIM simulator) on one hand and R&S's network simulator on the other hand, enables a fully automated End-to-End solution for handset manufacturers.

The following solutions are jointly offered:

LU1

This solution is designed to test the transition from one network connection to the other network connection. For instance when changing from the Belgian mobile network to the French mobile network when crossing the border.

- Test configuration:
 - Automated Handset Testing (physical handset, physical SIM)
 - R&S: Network simulator (CRTUG) & test cases
 - Integri: Simulator in "full passthrough" mode, i.e. not only the commands going from the SIM card to the terminal can be modified but also the other way around.

GC19

This solution tests the pro-active commands (part of STK toolkit) which requires access to the network.

GCF defined a test suite based on the ETSI standard 3GPP TS 51.010-4

- Test configuration:
 - Automated Handset Testing (physical handset)
 - R&S: Network simulator (CRTUG)
 - Integri: 3GPP TS 51.014 SIM Simulator and parts of the 3GPP TS 51.010-4 STK Mobile Station Test Suite (Handset Testing) (Release 4)

GC20

This solution tests the pro-active commands (part of STK toolkit) which requires access to the network.

GCF defined a test suite based on the ETSI standard 3GPP TS 51.010-4

- Test configuration:
 - Automated Handset Testing (physical handset)
 - R&S: Network simulator (CRTUG)
 - Integri: 3GPP TS 51.014 SIM Simulator and parts of the 3GPP TS 51.010-4 STK Mobile Station Test Suite (Handset Testing) (Release 4)


GC24

This solution tests the basic commands which require access to the network.

GCF defined a test suite based on the ETSI standard 3GPP TS 51.010-1

- Test configuration:
 - Automated Handset Testing (physical handset)
 - R&S: Network simulator (CRTUG)
 - Integri: 3GPP TS 51.011 SIM Simulator and parts of the 3GPP TS 51.010-1 MS Conformance Test Suite (Handset Testing)

Out of the box testing



Highlights

- Indispensable for automated handset testing
- Integrated End-to-End solution
- All test scripts are accessible in source code. The user can further develop additional tests, to go beyond the standard set of test

Technical Specifications

- 3GPP TS 51.010-4 (Release 4) Version 4.3.0
- 3GPP TS 51.010-1 (Release 7) Version 7.4.0
- 3GPP TS 51.011 (Release 4) Version 4.15.0
- 3GPP TS 51.014 (Release 4) Version 4.5.0

Product Family

Requires the INQ End-to-End Mobile Platform – Handset Testing configuration.

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Integri

a Clear2Pay company

Integri is a wholly owned, autonomous business unit of Clear2Pay, an international financial technology company focused on delivering globally applicable solutions for secure, timely electronic payments. Clear2Pay operates from 13 international offices and currently employs over 400 staff.

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