



a Clear2Pay product

# Test Tools and Services

## Mobile Network Operators

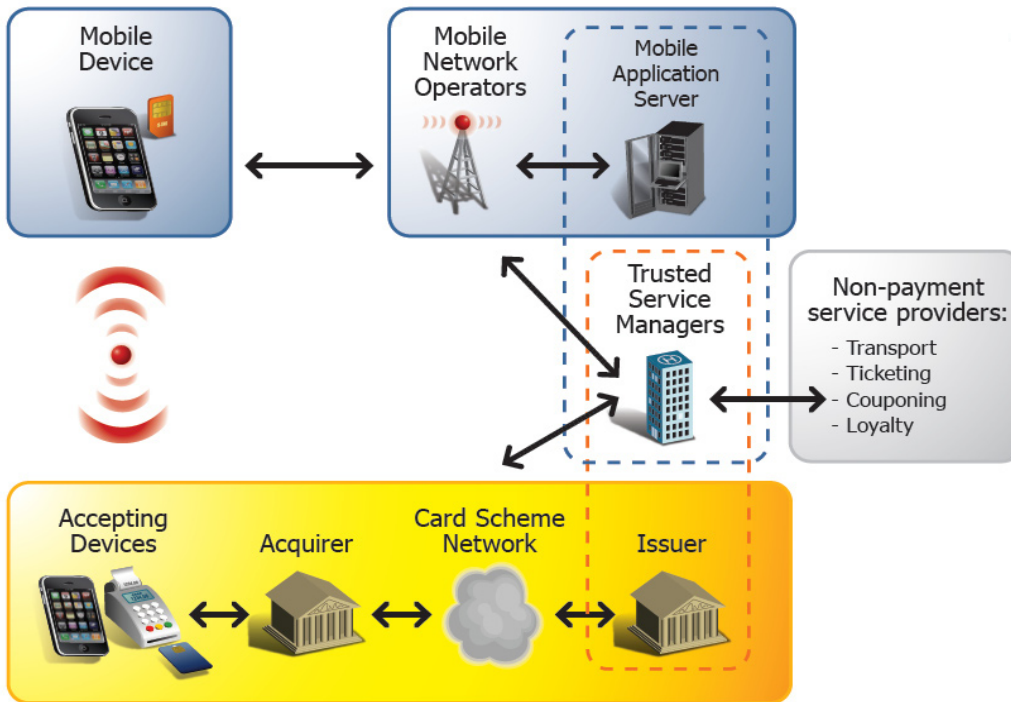
As a Mobile Network Operator, every day you ensure that your networks, applications and services perform at the highest possible levels. Clearly, potential hiccups in your delivery of services whatsoever instantly impact your relation with your customers.

Achieving qualitative, compelling mobile services in today's fast-paced world is demanding and not always uncomplicated. With the bloom of new technologies, new markets and channels, the subsequent regulations and a changing audience, an increasing number of factors are involved.

It's our mission to make sure that all components of your ecosystem interact seamlessly:



Clear2Pay is an  
NFC Forum Partner



### Your benefits

With +19 years of knowledge in the mobile and payment scene, we assist the world's largest companies in delivering interoperable solutions that conform to the ruling industry specifications.

- **Gain time:** automated test solutions with minimal user interaction
- **Fast Time-To-Market:** our specialists are dedicated to you - free your hands
- **Flexible:** Tools are built on proprietary Open Platform enabling easy customization to your specific needs
- **Confidence:** field-proven technology and service offer - we work with reputed global companies
- **Accurate:** ensure conformance, interoperability and the highest possible quality
- **User-friendly:** easy to install, graphical user interface
- **Comprehensive offering:** a compelling set of tools and services

### Out of the box testing



## Your Solutions

### Test Infrastructure Assessment

A key element in building a quality mobile (payment) system is your test process: the determination of the correctness, completeness, security, and quality of your equipment and systems. Clear2Pay's Test Infrastructure Assessment analyses your infrastructure aiming to provide advisory services that really fit.

### Handset Testing

- SIMToolkit
- General conformance (3GPP, ETSI,...)

### Near Field Communication (NFC)

- Digital Conformance Test Suite for handsets (NFC Forum Approved)
- Interoperability Test Solutions

### Mobile Payment Solutions

We leverage on 20 years of know-how in End-to-End Payment Testing.

- End-to-End Testing of your Mobile Application Systems (including data exchange with service providers)
  - Solutions for Functional Testing
  - Stress Test Solutions for Host Systems
- Tools for Interoperability Testing

### Machine-2-Machine (M2M)

- Testing of interaction with a (U)ICC card and modem
- Generation of Test Cases for specific MNO requirements
  - 2G and 3G M2M Cards
    - Basic 2G/3G commands
    - Electrical profile checks of 2G/3G cards
    - Ensuring that both applications are strictly separated.
    - Covering the 2G/3G initialization phases and start up of a STK applet
  - 2G and 3G M2M Modem Devices
    - Basic SIM data retrieval
    - Basic network operations

[www.integri.com](http://www.integri.com)

Integri is a product brand of Clear2Pay, an international financial technology company focused on delivering globally applicable solutions for secure, timely electronic payments. Clear2Pay employs over 650 staff.

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