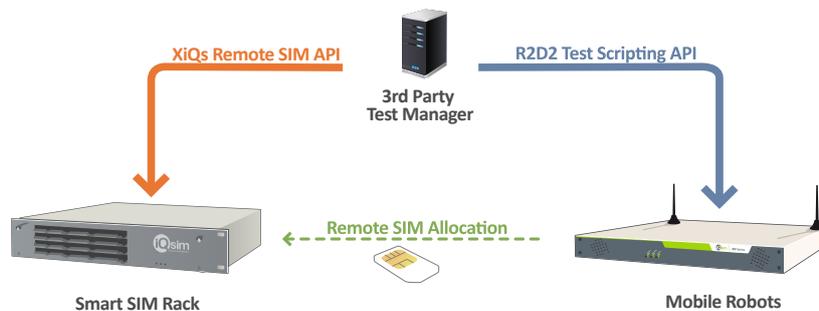


Data Sheet

Mobile Testing

for Mobile Network Operators

iQsim's provides to Mobile Operators and service integrators a unique, open and proven solution based on state-of-the-art hardware and software helping them building a comprehensive and highly scalable end-to-end 2G/3G/4G mobile testing environment which will fully meet their needs.



QoS / QoE TESTING

To keep up with competition and attract new subscribers, mobile operators need to deliver the best quality of service and experience to their end-users. Operators need to continuously check quality of service experienced by their end-users in order to prevent and anticipate any degradation of service.



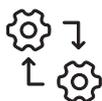
ROAMING TESTING

People visiting a mobile operator network can be a great source of revenue and operators need to make sure roaming agreements are working properly.



REVENUE ASSURANCE

Revenue Assurance is a process undertaken by most of the mobile operators to improve profits, revenues and cash flows. Mobile network testing is commonly used as part of the revenue assurance process.



MACHINE-TO-MACHINE QUALITY ASSURANCE

M2M applications are usually deployed on a large scale. M2M providers must perform quality tests not only prior to the deployment of their services but also during the entire life cycle to anticipate any service degradation or on demand in case of customer complaint.

Key benefits

VoLTE Testing (NEW) | 2G/3G/4G Mobile Robots | High Level API for Voice, SMS and Data test scenarios
SIM Virtualization with centralized SIM storage and dynamic SIM allocation | Management System with web interface and XML based API | Periodic, On-Demand or Troubleshooting testing | Local or Remote SIM Management

Mobile Robots (2G/3G/4G)



R250 - Up to 8 ports



R400 - Up to 16 ports

- R2D2 high level API accessible for testing application (local or with socket access)
- Large number of commands to build test scenarios for Voice, SMS, MMS, USSD, FTP, Email, HTTP, WAP including access to Operator, Cells and SIM information.
- Call Data Records (CDR) generated for all sessions
- Local or Remote SIM Management

Remote SIM Management

iQsim Virtual SIM Management platform is designed for mobile operators enabling SIMs cards to be physically and geographically separated from iQsim Mobile Robots. SIM cards can then be allocated on the fly to GSM devices in order to perform real-time mobile testing.

Remote SIM Management is available as an integrated product, Smart SIM Rack (IRON Suite + SIM rack), or as a distributed solution, IRON Suite software on the Cloud and SIM racks for SIM cards storage.



- Includes XiQS, an XML-based API to remotely control Mobile Robots, their GSM ports as well as virtual SIM allocation
- IRON Suite Management System : web-based graphical interface to monitor and configure Mobile Robots, SIM Rack and Virtual SIM cards manual or dynamic allocation
- SIM cards storage : Up to 256 SIM cards (extensible with additional SIM Rack)

SIM Flex providing SIM virtualization to any GSM device

IRON Suite can take control of any GSM device (sensors, probes, etc.) with the addition of iQsim's SIM Flex. The SIM Flex is a hardware device, which is connected on one side to the GSM device in place of the real SIM card and on the other side, communicates with the IRON Suite over IP.



Two versions are available, standalone and embedded.