

# EMQP

Competitive Edge

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## Technical Benefits

- 180° Testing coverage - Service Testing, Roaming, VAS Testing, Benchmarking, Radio, PESQ/MOS, Portal Testing, Content Validation, Device Compatibility, VIP Customer Care
- **Network independent** (2G / 3G / 3G+ / DSL / LAN / WiMAX / LTE)
- **Most comprehensive test case library** (GSM, GPRS, CDMA, UMTS, HSDPA, Call, SMS, MMS, Email, FTP, HTTP, WAP 1.2, WAP 2.0, Portal Testing, Ping , Video/Audio Streaming, VAS, Camel, IREG, TADIG)
- **GRQ Certified** (Global Roaming Quality Spec. IR78 by GSMA)
- **Complex Cross Service Testing capabilities**  
(i.e. WAP Browsing + RTSP, HTTP + SMS, Call + USSD, etc.)
- **Best Practice for Product based Testing** - pre launch phase or live  
(i.e. Video- or Music Portals)
- **Link Less Testing** - Test probe communication over the air (2G/3G automatic mode)
- **Stationary, Mobile and Drive testing capabilities**
- **Network Radio Parameter Monitoring** during standard tests carry out
- **Ad Hoc and field testing capabilities** for fast problem verification
- **Handset profiling and inter compatibility tests capabilities**
- **Handset Profile Recorder** for additional handset Profiles generation within few seconds
- **On Device Testing** (Symbian, Java, iPhone, Android, Windows Mobile, Black Berry)
- **Blackberry Testing**
- **Roaming Tests** - GRQ, IREG, CAMEL, TADIG
- **SIM Array Sharing** (One SIM Array for multiple Installations or many SIM Arrays connected to the same Installation)
- **Low Cost Probes** full featured probes for less than 4K EUR
- **Easy probe distribution using Plug and play mechanism**
- **Remote test software update**, even over the air
- **Easy probe units management and configuration over the air (SMS) and over LAN**
- **Probe unit monitoring / alarming**
- **Probe Unit Remote Access and Remote Login**, even over the air
- **Multi user web based application** with comprehensive access rights management
- **Personalized web based access on management console**
- **Plug-in based system** (new modules can be added quick and easy)
- **Complex Data Analysis using ETL Tools, DWH and Reporting Environment**
- **Standard (daily, weekly, monthly) and Ad Hoc Reporting**
- **Standalone rapid test scenario designer (XMASS RDS)**
- **Integration capabilities of test probes from other manufacturer based on Test System**  
Integration defined by Pixip.net
- **Network Tracer Integration** - CDR analysis, Core Network SS7 and IP signaling

- Drill Down capabilities from End-to-End View to Traces
- Layer 3 tracing capabilities
- Build-in IP Tracer for depth analysis
- Automatic HTTP and WAP test scenario creation using HTTP/WAP Recorder
- Test Scenario exchange between different user and different platforms using standard XML format
- Test results local storage capabilities on probes (backup)
- Network, Provider, Technology and Band forcing
- Billing Data Integration - Revenue assurance, TADIG tests

## Economic Benefits

- Enterprise QoS platform - one system to test all services from voice to products like music portal
- Module based platform enabling step by step growth
- Low cost test probes - mass testing possible
- One single system for different user groups like radio and network testers, service testers, portal testers and product testers
- Future safe system - module based extension for new services or new network technologies
- Full featured web-based Reporting, Monitoring and Alarming System included
- Low installation costs - plug and play distribution of test devices
- Low support costs - unattended testing capabilities, remote access
- Stationary-, mobile-, drive-, field and on device testing with one single system
- Customized test scenario creation capabilities - no additional costs for new test scenarios
- Automatic test scenario creation using XMASS RSD and HTTP/WAP Recorder within few minutes
- Create Once, use everywhere - export - Import capabilities between multiple system installation
- Enterprise Integration with SAP and Business Objects platforms