We build your Testing Centre of Excellence

Why do telecommunications operators need a TCoE?

The telecommunications industry is constantly evolving, adopting new technologies. A TCoE ensures expertise and resources to effectively test these complex technologies and their integration.

What does QiTASC do?

QiTASC provides a framework to cover any functions that your testing lab and corresponding software has covered so far, and offers even more. It automates the whole test process, from scattered to streamlined, unifiying the testing arsenal with an all-in-one approach. With automated evidence collection and custom reports. Scalable and extensible.

What makes the difference?

A TCoE helps maintain high service quality by implementing standardized testing processes, identifying and resolving issues early, and ensuring compliance with industry regulations.

Where do I get more information?

www.qitasc.com/products-services/testing-centre-of-excellence/

Testing Centre of Excellence
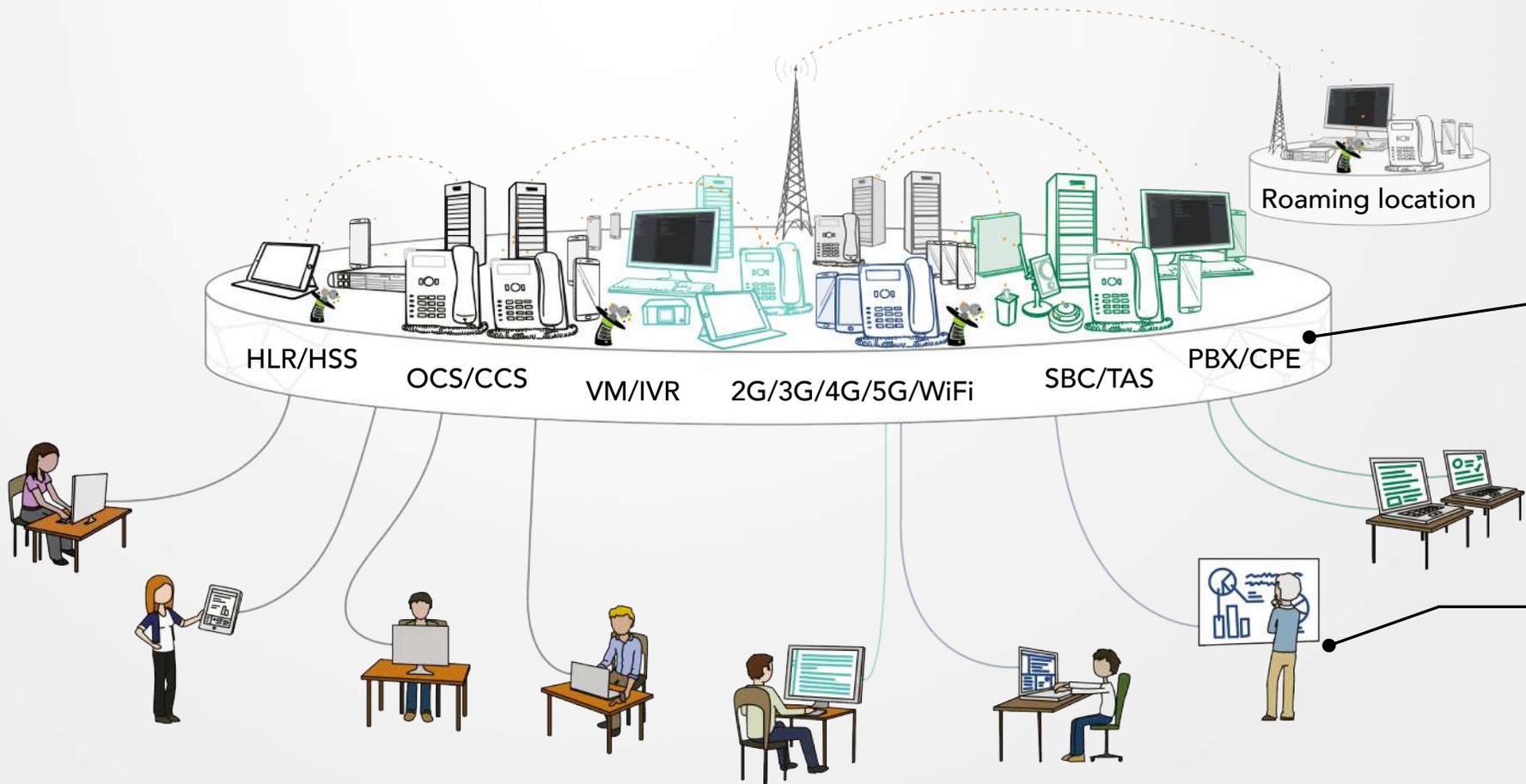
Our test framework intaQt builds the backbone for your TCoE. It unites innovation, security and excellence to one testing environment

Roaming location

intaQt delivers unparalleled quality, efficiency, and innovation in telecom and IoT

HLR/HSS

OCS/CCS

VM/IVR

2G/3G/4G/5G/WiFi

SBC/TAS

PBX/CPE

With a TCoE, testers can switch between project groups and experience the heart of superior testing

QiTASC builds your TCoE
Key topics covered by QiTASC

- Remote control
- Multi tenancy
- Authoring environment
- Security
- Monitoring
- Reports & project KPIs
- AI analysis & defect resolution
- Integration to NE via interfaces
- Test automation environment
- Trace & evidence collection
- Roaming site integration
- Simulation environment
- Scalability

Key topics covered by QiTASC

Remote device control

Command from anywhere: Work with all devices remotely.

Manage devices seamlessly, regardless of location.

Authoring environment:

Build with ease: Intuitive environment for creating tests and scripts.

Simplify test creation and empower non-technical users.

Monitoring:

Keep an eye on everything: Real-time monitoring for proactive insights.

Identify and address issues quickly to optimize performance.

Multi tenancy:

Securely share the platform: Multi-tenant environment for diverse users.

Collaborate efficiently while maintaining individual data privacy.

Security:

Fort Knox protection: Rock-solid security for your testing environment.

Test with confidence knowing your data and systems are safe.

Reports & project KPIs:

Data-driven decisions: Measure progress and gain valuable insights.

Track project success and make informed decisions based on data.

Key topics covered by QiTASC

AI analysis & defect resolution:

Smarter testing: AI-powered analysis for faster defect resolution.

Reduce manual effort and streamline issue identification and fixing.

Integration to NE via interfaces:

Seamless connectivity: Effortless integration with existing network elements.

Streamline workflows and eliminate data silos.

Test automation environment:

Automate with confidence: Repeatable and reliable test execution.

Save time, reduce errors, and achieve consistent testing results.

Trace & evidence collection:

Leave no stone unturned: Comprehensive collection of testing evidence.

Gain complete visibility into test execution and troubleshoot effectively.

Roaming site integration:

Test anywhere, anytime: Extend testing capabilities to roaming sites.

Ensure comprehensive testing coverage across your entire network.

Simulation environment:

Test without limits: Replicate real-world scenarios in a controlled environment.

Validate performance and identify potential issues before deployment.

The intaQt framework

All our products cover the requirements needed for
the Testing Centre of Excellence.

intaQt studio

sQedule

mimiQ

colleQtor

cheQ

intaQt web-UI

exQavate

conQlude

reloQate

indeQs

reQord

Github

restriQt
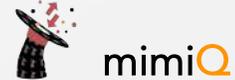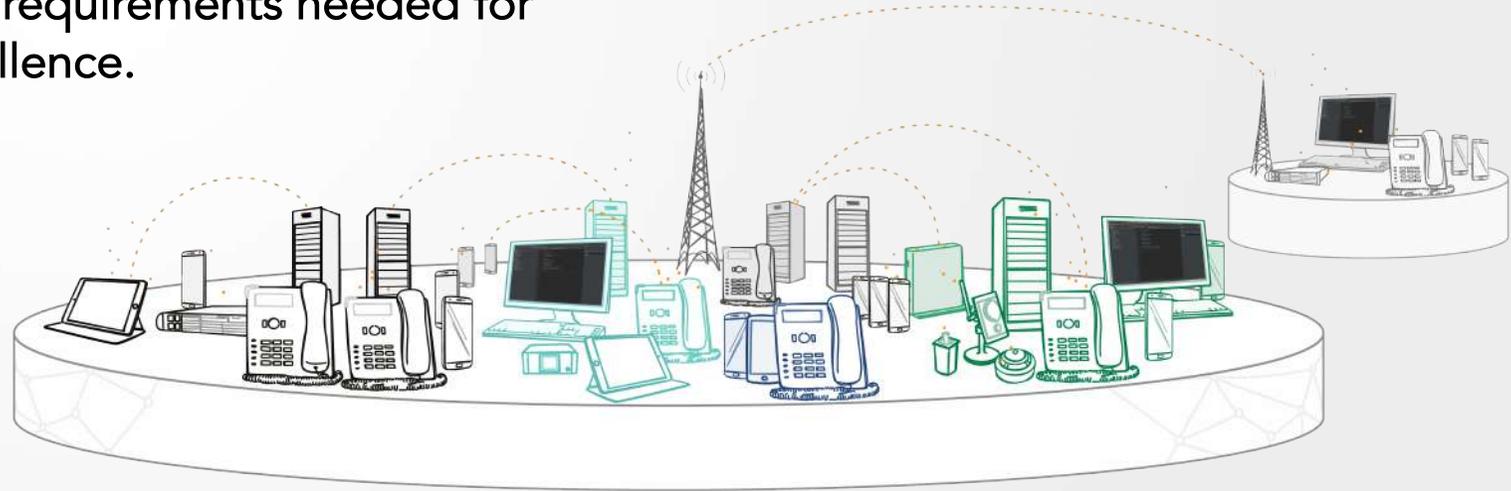
What the QiTASC testing framework consists of

intaQt

Manage and run automated tests that reflect real-world scenarios, customer experiences and complex interactions

intaQt web link

intaQt studio

IntelliJ IDEA-based user interface to create and monitor test cases

intaQt studio web ink

conQlude

Centrally accessible reporting service, with secure web interface that collects, manages and exports test cases

conQlude web link

sQedule

Resource-aware intelligent scheduler that schedules tests

sQedule web link

intaQt web-UI

Centrally accessible, secure web interface that provides an integrated development environment

intaQt web-ui web link

cheQ

Trace comparison tool enabling intelligent comparison of two pcap traces

cheQ web link

What the QiTASC testing framework consists of

mimiQ

Test script executor with built-in support for any kind of http communication, SIP, & Diameter traffic

mimiQ web link

colleQtor

Service which collects any kind of evidence and routes data to a test case for immediate verification

colleQtor web link

reloQate

Process for seamless SIM replacement within an integrated SIM array in the test environment

reloQate web link

restriQt

Authoring & authentication tool which manages users and their roles and provides multi tenancy

exQavate

Provides secure connection between test sites, test Qit, and QiTASC hub

reQord

Audit log service

Github

Version management system for archiving scripted test cases and project configurations

indeQs

Index database solution for formatting, providing and storing data which has been collected during a test run

QiTASC ⇨ Quality improving Tools And Services Company

We provide & maintain high quality

- ✓ We automate and validate digital processes and scenarios end-to-end
- ✓ We develop the necessary tools for maintaining high quality

Experience

- Software design & development since 1991
- 35 years of experience in "intelligent networks"

Philosophy: We believe in testing early and often

- Our cornerstones: Test-driven development & continuous integration
- We continuously improve our testing framework intaQt®, the Intelligent Test Automation & Quality Assurance Tool