



Main services & products

Quality assurance tools & platform capabilities == QiTASC framework

One framework to test any service and network aspect of a telecommunications operator

[Offer](#) | [How it works](#) | [Platform capabilities](#) | [Next step](#) | [Glossary](#)

Can Davutoglu, February 2026





The QiTASC promise

**We ensure your network works flawlessly –
every time, everywhere.**



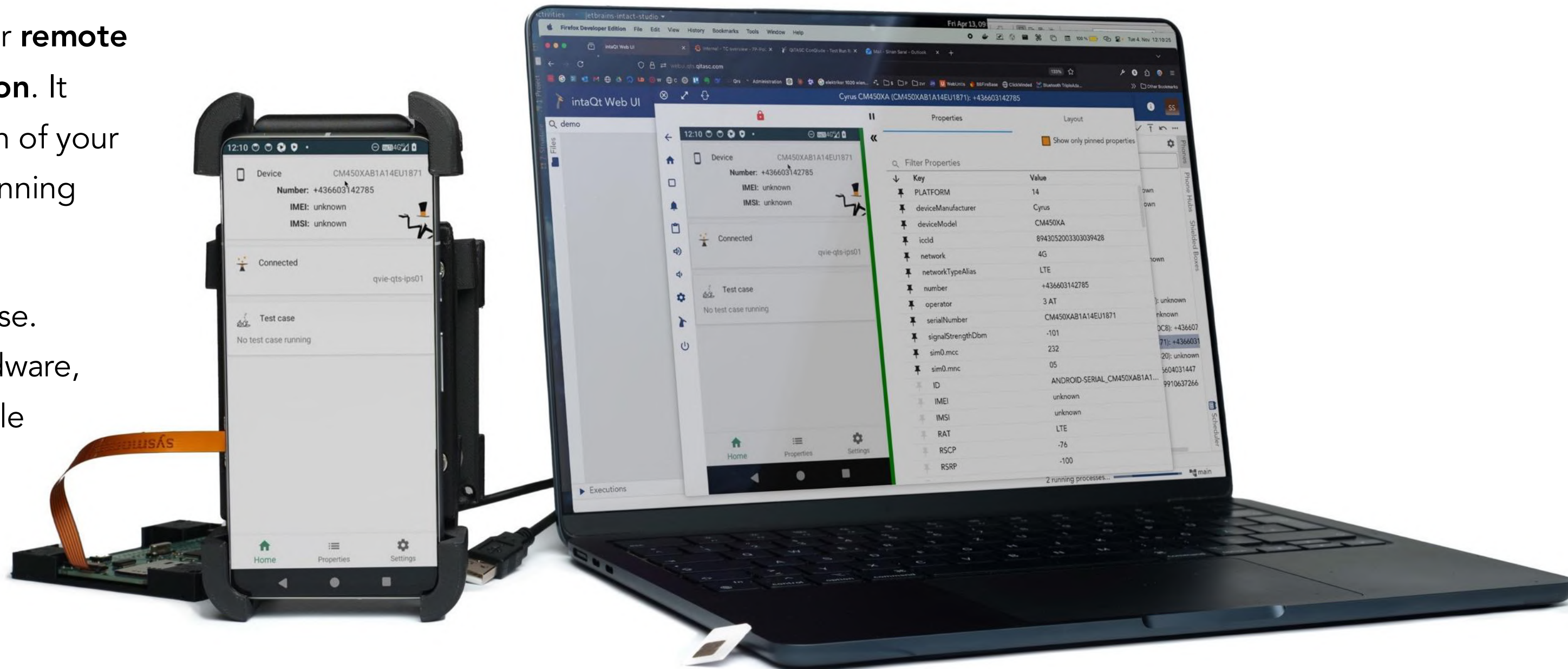


We test networks & services automatically

We are **QiTASC**, a successful IT-company located in Austria. We offer a tool framework that provides “End-to-End Zero-Touch Service Assurance” across diverse devices, technologies, services, brands and telecom environments.

We offer the technology for **remote end-to-end test automation**. It ensures seamless validation of your network and services by running real world user journeys.

The framework is easy to use. It consists of software, hardware, AI and a remotely accessible lab solutions.





One framework to verify what operators must guarantee

Operations assurance

Verify the full customer journey.

24/7 active probing, assure national monitoring services with real devices from multiple locations (OSS features + chargeable events).

Type & Field acceptance for services, network elements and features — including interoperability and roaming.

Verify RAN and device interoperability; router/CPE/STB testing; VoIP device testing.

AI diagnostic: Root cause analysis to collected artifacts, correlate and provide analysis to operations teams.

Revenue & partner integrity

Audit-grade charging verification: CDR collection, decoding, contextual analysis, format/content checks.

Correlation of CDRs with network traces to assure accuracy and resolve disputes.

Verify service interoperability and interconnect (enterprise + wholesale contexts).

Digital + conformance

Verify all notifications: announcements & tones, SMS, MMS, USSD, and app-based notifications.

Verify all digital surfaces: apps, self-care portals, PoS processes, internal BSS UIs, services and processes.

Verify network conformance to 3GPP with AI generated rule sets applied to pcap traces and smart verification applications.



Tool capabilities + platform capabilities = one framework

Tool capabilities answer:

"Can we test this?"

- Real-device E2E automation (intaQt) + CI execution (intaQt CLI)
- Execute complex multi-step journeys (Architecture & BDT strategy)
- IDE authoring (intaQt studio) + secure web IDE & remote control (intaQt Web-UI)
- Evidence management & dashboards (conclude)
- Trace compare, drift detection & smart verification (cheQ) + 3GPP conformance (Qonform)
- Interface testing & load profiles for modern APIs (mimiQ)
- Audit-grade CDR processing & verification (cdr-linQ, cdr-verifiQation)
- AI multi-agent RCA and anomaly detection (inquire)

Platform capabilities answer:

"Can we operate this industrially?"

- Resource-aware scheduling + orchestration (sQedule)
- Multi-tenancy, roles and security (restricQt)
- Remote control for devices/endpoints and distributed labs (intaQt studio & web-ui)
- Monitoring (active probing) + reports & project KPIs (conclude)
- Integration to network elements via interfaces
- Roaming site integration + simulation environment (mimiQ)
- Trace & evidence pipeline as a first-class output
- Scalability (restricQt & licensing)
- 24/7 operation
- Security for integrating remote sites (exQavate)

Together, this operates as a Telco Testing Center of Excellence (TCoE).



**Get more than
a test tool:
4 reasons why
your Testing
Center of
Excellence will
be successful.**

1

You get one test automation framework for multiple layers, domains, tariffs and services.

2

Reusable intent-based testing, authoring and standardized verification rules.

3

Evidence packs and trace-based proof for every acceptance decision and legal requirement.

4

Continuous operation model: 24/7 operation, monitoring, KPIs collection, and AI-assisted RCA, with reporting and visualization options.

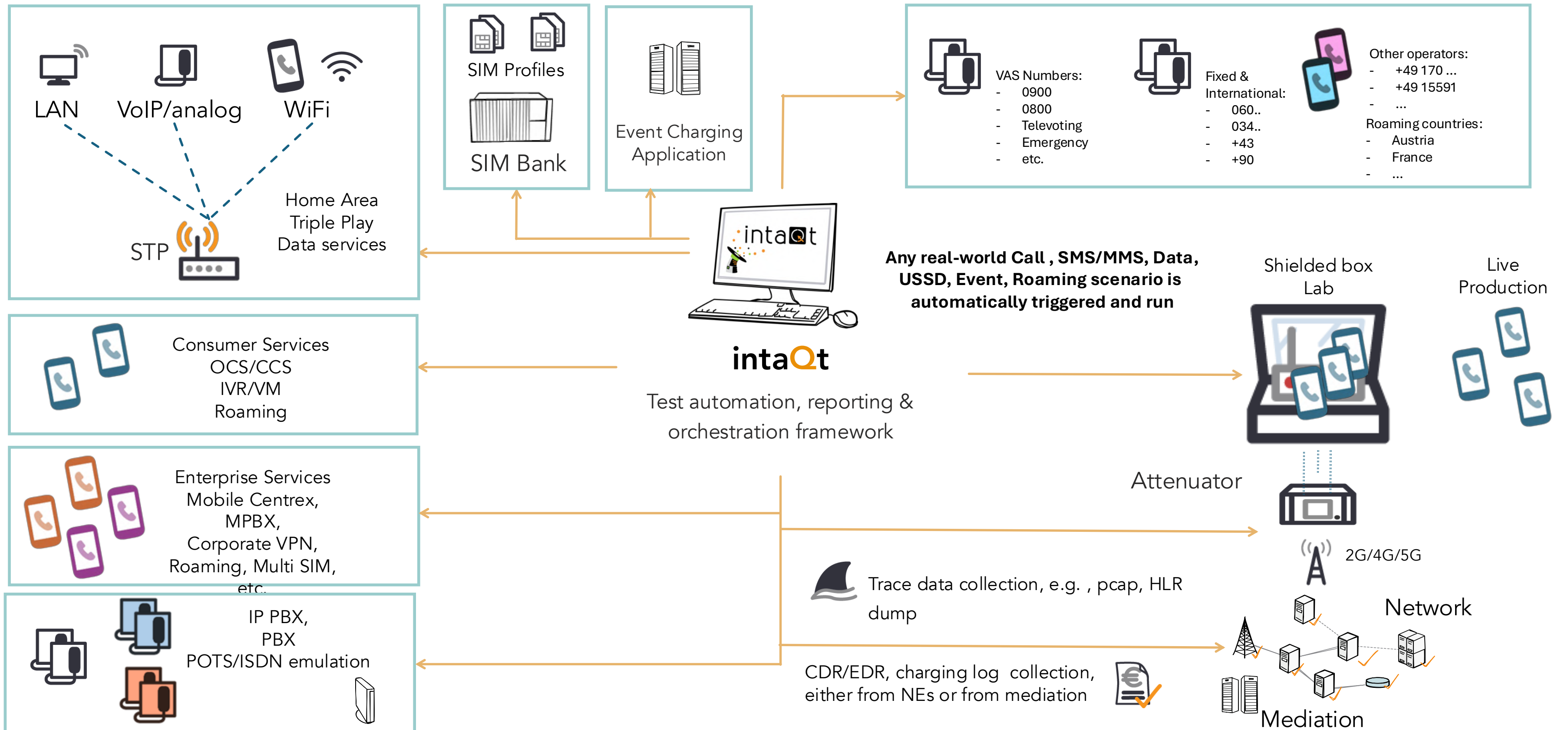


Customer pains (and the QiTASC answer)

Pain Pattern	Impact	QiTASC response
Tools exist, but are not industrialized	Manual coordination, fragile suites, inconsistent runs	Platform orchestration (sQedule) + governed authoring + reusable journeys
"It works" yet customer outcomes degrade	Drift, intermittent failures, hard-to-reproduce issues	Trace compare + conformity (cheQ/Qonform) + evidence bundles (conQlude)
Device/SIM logistics block automation	Lab bottlenecks; limited coverage; low run frequency	Resource-aware scheduling + SIM lifecycle automation (reloQate)
Charging defects discovered late	Revenue leakage, disputes, audit risk	Deterministic CDR selection + rule verification + export (cdr-*)
API-rich chains fail ambiguously	Late integration failures, unclear blame, slow MTTR	Integrated interface testing (mimiQ) + correlation to E2E triggers
Regression volume overwhelms teams	Alert fatigue; slow triage; vendor escalations stall	AI-assisted RCA grounded in proof (inQuire) + clustering + narratives



Any use case, customer journey, charging option – you name it, we'll do it



How it works

Consumer + enterprise + wholesale — verified end to end

Consumer services

- Voice / VoLTE / VoWiFi
- SMS / MMS
- Data sessions
- USSD
- Self-care apps & portals
- Notifications (tones, SMS, app)
- IVR, RBT, & VM
- VAS

Outcome: customer journey proof across access technologies.

Enterprise services

- Mobile Centrex / Hosted PBX
- Mobile/IP PBX
- Company Network
- Multi SIM
- IoT connectivity
- Fixed network + SIP trunk
- Router/CPE/STB testing

Outcome: SLA confidence and faster onboarding.

Wholesale & conformance

- MVNO & Brands integration
- Interconnect validation
- Roaming interoperability
- Partner assurance
- 3GPP trace-based conformance
- Audit testing

Outcome: objective evidence for partners and audits.

One framework, multiple verification modes:

Functional acceptance | Continuous regression | Active probing | Audit-grade evidence export



Business outcomes for network operators

Risk reduction

- Release gatekeeping with evidence, not opinions
- Early detection of regressions across sites and access
- Revenue protection with audit-grade charging verification
- SLA confidence for enterprise and wholesale services

Synergy across lifecycle stages

FAT / lab	Validate NE changes early, build baselines
Type acceptance	Qualify services end-to-end + interoperability
Field/site rollout	Repeatable rollout checks per location
Daily operation	Active probing + regression monitoring with AI RCA

Operational efficiency

- One framework reduces tool sprawl and integration debt
- Reuse test assets from FAT to operations
- Automated triage via AI RCA shortens MTTR
- Standardized KPIs & reporting for stakeholders

What you get

- One test automation framework for multiple layers and services
- Reusable intent-based authoring and standardized verification rules
- Evidence packs and trace-based proof for every acceptance decision
- Continuous operation model: monitoring, KPIs, and AI-assisted RCA

This framework opens the door into the AI testing century.

Platform Capabilities



Remote control: Control test devices and lab equipment from anywhere.



Monitoring: Real-time test run tracking and false positive analysis



Network element integration: API integration to NE like HLR, AAA, CCS, PCRF, MME, EPG,...



Roaming integration: Real roaming site connections



Multi-tenancy: Isolated environments and devices per project.



Reports & KPIs: Automated reporting and evidence collection.



Test automation: Complete test automation framework.



Simulation: Virtual test environments.



Authoring environment: User roles and authoring profiles.



Result visualization: Interactive charts and trend analysis.



Trace collection: Trace collection (pcap), log, full evidence & audit trails.



Version control: Test case and project versioning and rollback via git.



Security: Enterprise security standards applied to all tools.



AI analysis: Intelligent defect resolution and root cause analysis.



CI/CD integration: Seamless DevOps pipeline integration.



Scalability: Scale from 10 to 10,000+ tests, and 2 to 500 devices.



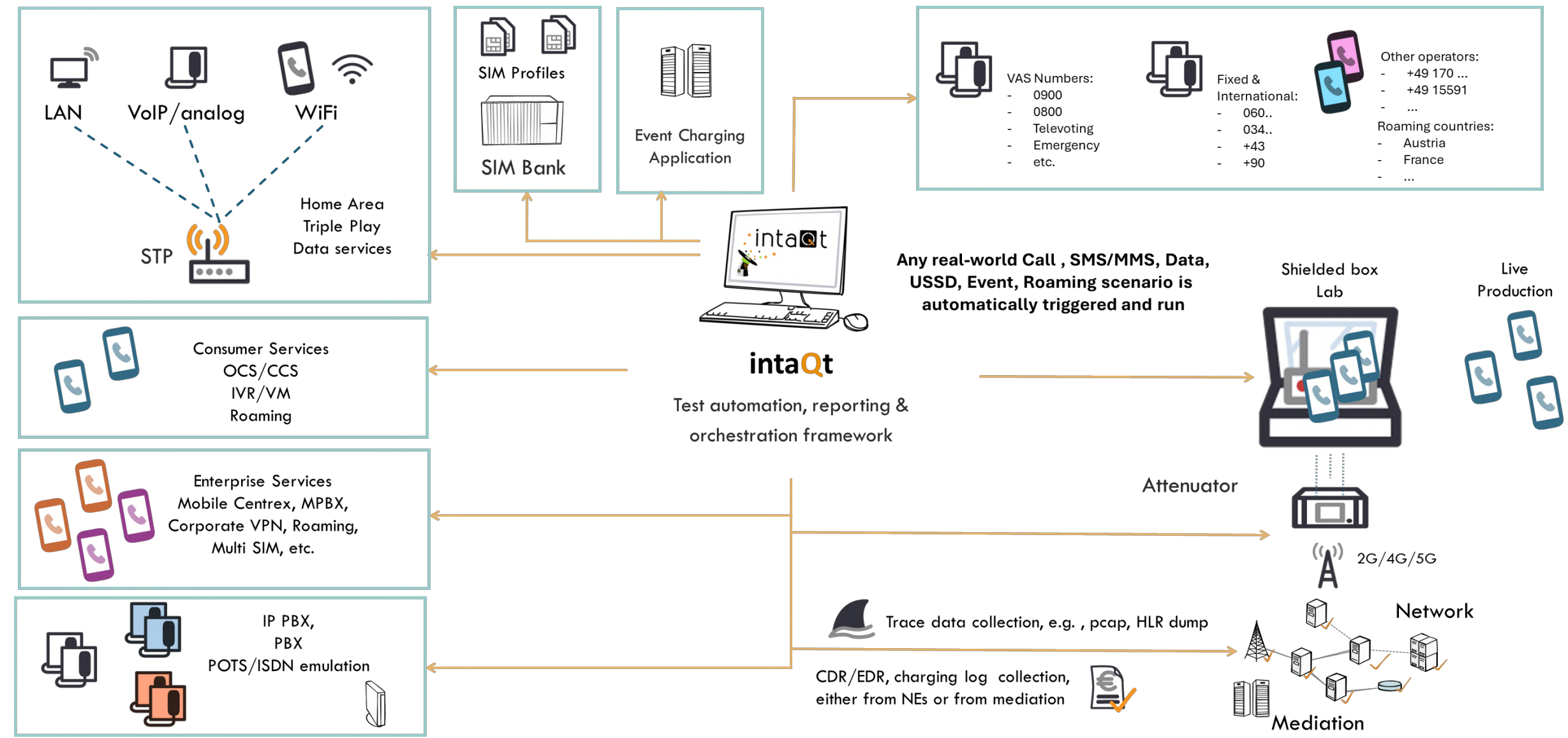
What now?

Demo

Live at your office or via a video-call. Understand technical details.

Proof of concept

A small project demonstrates our capabilities for your business case.





Get in touch, and consolidate your tool landscape!

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Glossary (A-Z)



4G/5G: Fourth-/fifth-generation mobile access

ACS: Auto Configuration Server

ADSL: Asymmetric Digital Subscriber Line

CI: Continuous Integration

CLI: Command-Line

CPE: Customer Premises

DSCP: Differentiated Services Code

DSL: Digital Subscriber

E2E: End-to-end

FTTx: Fiber-to-the-x (fiber access variants)

GHz: Gigahertz (Wi-Fi bands: 2.4/5/6 GHz)

IP: Internet Protocol

IPTV: IP Television (service validation, KPIs)

KPI: Key Performance Indicator

LAN: Local Area Network

MOS: Mean Opinion Score (voice QoE metric)

NAT: Network Address Translation

PCAP/pcap(s): Packet capture file(s)

PDU: Power Distribution

QoE: Quality of Experience

QoS: Quality of Service

RAL: Router Access Layer

RBAC: Role Based Access Control

RCA: Root Cause Analysis

RCE: Router Configuration Engine

RSSI: Received Signal Strength Indicator

SDSL: Symmetric Digital Subscriber Line

SSID: Service Set Identifier (Wi-Fi network name)

SSH: Secure Shell

TCP: Transmission Control Protocol

TR-069: Broadband Forum CPE WAN management protocol

TWAMP: Two-Way Active Measurement Protocol

VLAN: Virtual LAN

VoIP: Voice over IP

WAN: Wide Area Network

Web-UI: Web-based user interface

Wi-Fi: Wireless LAN

p95: 95th percentile