WHY

RADCOM
IN BRIEF

ABOUT RADCOM

RADCOM is the leading expert in cloud-native, automated assurance solutions with AI and ML-driven insights to ensure a superior customer experience.

30 years
of telecom experience

Publicly traded
on NASDAQ (RDCM)
since 1997

Cloud-native
assurance for mobile and fixed networks

OUR SOLUTION: RADCOM ACE

RADCOM ACE is a powerful combination of fully cloud-native and containerized Service Assurance, with AI and ML-based Customer Experience and Network Insights. Together they enable telecom operators to gain complete network visibility across multiple network domains (fixed and mobile) and cloud environments (public, private, and hybrid) to help optimize service quality and ensure a superior customer experience.

We invest heavily in 5G product development and have progressed significantly on our advanced cloud technology, which is already deployed to monitor 5G SA networks around the globe. Furthermore, we deploy a complete CI/CD development pipeline enabling operators to continually receive a cutting-edge solution in line with the latest 5G developments with dramatically improved implementation times for updates and upgrades with minimal to no downtime.

> Our product, RADCOM ACE, is a top-tier cloud-native solution built for automated 5G assurance that seamlessly integrates into the 5G core as a Cloud-Native Function (CNF) and is compatible with any public cloud, such as AWS and Azure.

RADCOM ACE runs as a cloud-native function (CNF) and is cloud-agnostic, providing a closed-loop approach to automated assurance for Standalone (SA) 5G by seamlessly integrating with Kubernetes. Being Service-Based Architecture (SBA) ready, the solution supports advanced 5G assurance capabilities. Including complex Control and User Plane Separation (CUPS) correlation with our patented solution, new CUPS protocol decoding, and the Packet Forwarding Control Protocol. With full CUPS support, operators gain real-time subscriber analytics at the network edge for advanced troubleshooting and network optimization of edge services.

This disruptive technology provides end-to-end network troubleshooting from the KPI level down to the session/packet level, critical when rolling out new network architectures.

RADCOM ACE
ADVANTAGES

- **Built for 5G** Full support for SA 5G (auto-service detect, SBA architecture, SBI deciphering and complex CUPS correlation, Packet Forwarding Control Protocol (PFCP), new aggregations, and dimensioning)

- **Fully Cloud-Native** RADCOM ACE is developed from the ground up with a cloud-native design, allowing rapid deployment as containers or virtual machines on multiple cloud environments (public, private, and hybrid) such as Microsoft Azure and Amazon Web Services or on-premises. Utilizing Kubernetes (K8s) or other leading orchestrators for automating deployment, scaling, and managing the assurance components.

- **Advanced built-in AI and ML** Our AI and ML capabilities are built into the solution from inception, allowing for a variety of AI-based use cases, such as Anomaly detection, Predictive and Prescriptive Customer Experience analytics, Predictive and Dynamic Slice Quality KPIs, and more.

- **Automated Assurance** Automates solution deployment for on-demand instantiation, scaling, healing, and updating for a closed-loop approach to assurance with Kubernetes controlling the containerized components lifecycle

- **Supports SA 5G advanced use cases** Smartly monitors private networks, edge computing, and end-to-end network slicing.

- **Slicing & NWDAF** Our solution allows real-time individual slices monitoring, providing a plethora of KPI and KQIs. Furthermore, ACE NWDAF capability enables closed-loop automation by processing real-time data from the assurance platform and triggering the relevant actions towards the PCF and NSSF, resulting in the highest customer experience levels.

- **Real time AI and ML based insights**

5G Launch

Smartly monitor the customer experience for 5G by monitoring mmWave, 4G vs 5G connectivity

Slice Assurance

Understand how data services are functioning by offering an overview of the CEI for various network slices
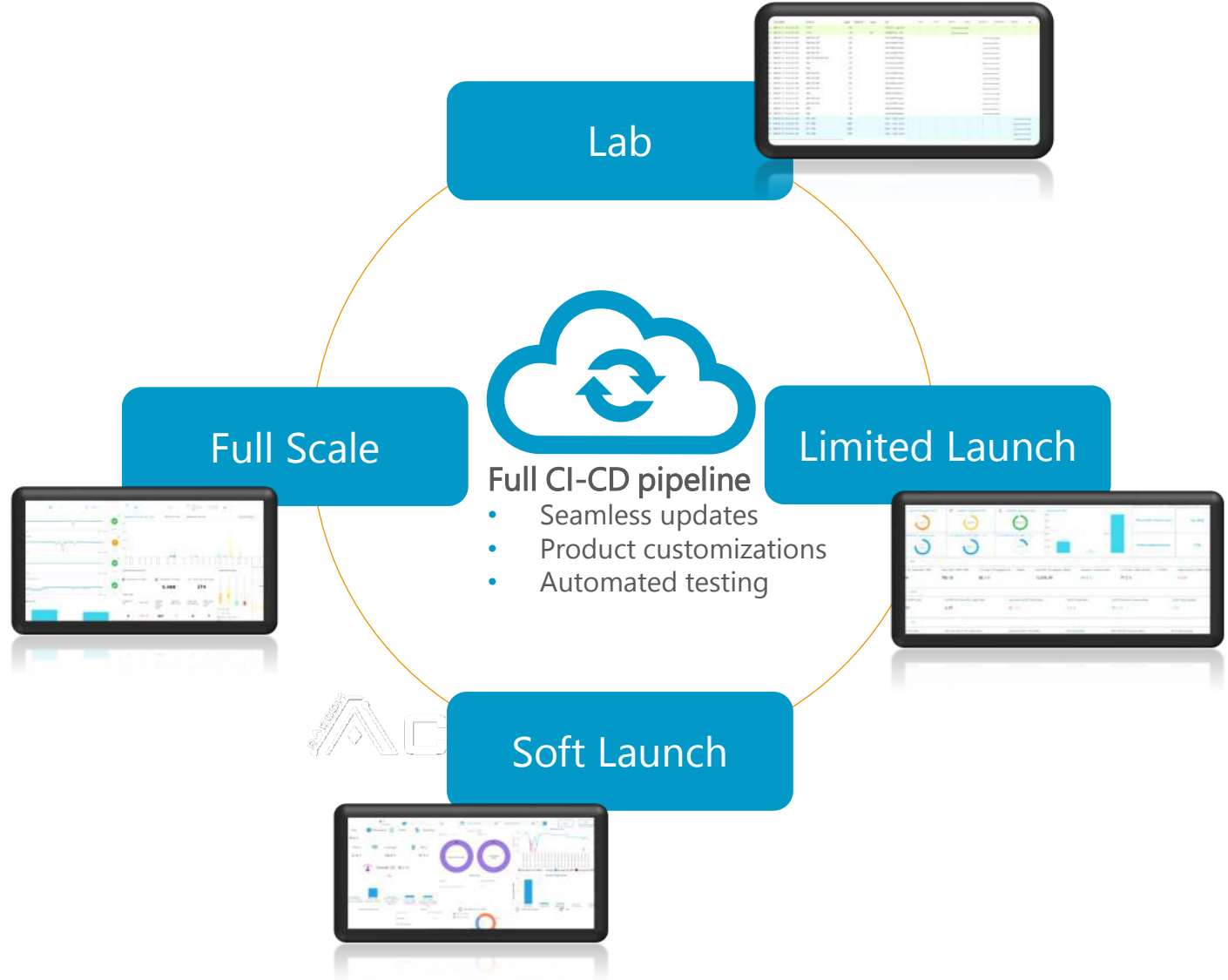
Vo5G Assurance

Correlate the end-to-end Vo5G customer experience with network, device, cell and service performance in real-time

5G Service Utilization (RAN to Core Analysis)

Gain a service-level understanding of the real E2E customer experience

ASSURE THE 5G NETWORK LIFECYCLE

Lab

Full Scale

Full CI-CD pipeline
- Seamless updates
- Product customizations
- Automated testing

Limited Launch

Soft Launch

Lab
From advanced troubleshooting to multi-vendor E2E validation

Limited Launch
E2E service monitoring and subscriber journey identifying network bottlenecks and degradations

Soft Launch
Test all onboarding of new subscribers, executive dashboards with overall CEI per service and identify CEI impacting issues

Full Scale
Monitoring all traffic loads on the network and ensure enterprise subscribers and premium services

RADCOM ACE is **Automated, Containerized** and delivers complete **End-to-end** visibility for your 5G network.

ABOUT RADCOM

RADCOM is the leading expert in cloud-native, automated service assurance solutions for telecom operators running 5G and 4G networks.

RADCOM (Nasdaq: RDCM) delivers real-time network analysis, troubleshooting, and AI-driven insights to ensure a superior customer experience. Utilizing cutting-edge technologies for over 30 years, we are the operators' eyes into their network, supporting them as they transition to new network technologies such as the cloud and 5G. RADCOM provides dynamic service assurance for an accelerated digital transformation.

We offer the most advanced 5G portfolio for large-scale networks, providing operators with a smart, efficient, and on-demand approach to network monitoring that meets the challenges of assuring the customer experience in the 5G era. Our leading solution, RADCOM ACE, is explicitly designed for telecom operators, delivering Automated, Containerized, and End-to-end network visibility.

Using our innovative technology, we enable operators to manage and optimize their network operation seamlessly.

| Global Footprint | Leading Cloud-Native Technology | Proven Solutions |

"Deploying RADCOM ACE on our network helps us identify service issues in real-time and troubleshoot them, tasks which are essential for smoothly migrating our customers to the new 5G network and onboarding new customers while maintaining the highest quality of service."

Tareq Amin, chief technology officer of Rakuten Mobile

Visit our website at: www.radcom.com