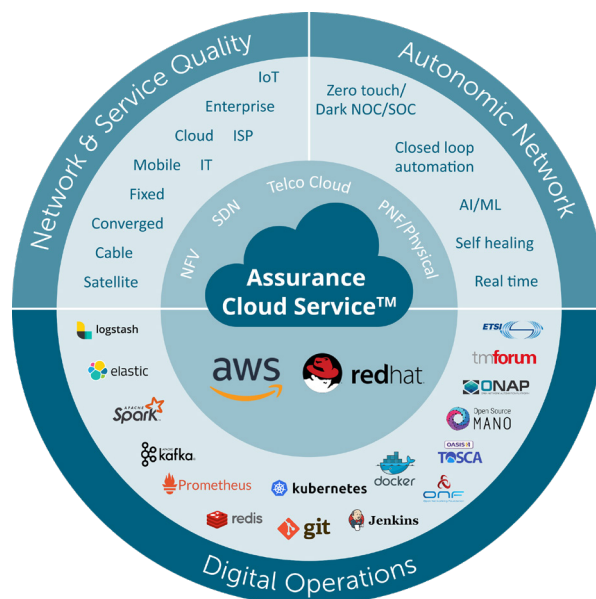


The Assurance Cloud Service™

The world's first carrier-grade service assurance SaaS offering

Accelerate your service and network operations centers with AI/ML at scale to realize your zero-touch vision for 5G networks



5G-Ready



Assure the Promise of 5G and beyond

AI/ML Autonomic Networks



Accelerate the journey towards Zero-Touch Automation

The Assurance Cloud Service™ is service assurance SaaS

The Assurance Cloud Service™ provides critical end to end performance, fault and service quality management, supporting AI/ML-driven closed-loop assurance for hybrid, physical and virtualized networks, across all domains, within a Software-as-a-Service (SaaS) model.

The Assurance Cloud Service™ enables connectivity providers to assure the world's digital networks in the 5G era, by visualizing, automating and optimizing operations. This delivers enhanced, differentiated services and experiences, underpinned by a cloud native platform and complete suite of service assurance applications.

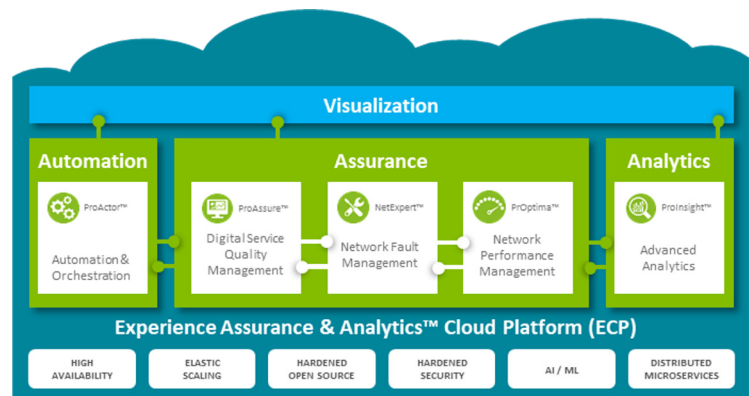
The world's largest, most advanced networks use the Assurance Cloud Service™ today to unlock business agility and realise ever-greater degrees of closed loop automation.

The Assurance Cloud Service™ supports digital transformation

- Automate NOC/SOC operations
- Eliminate infrastructure CapEx and maintenance
- Eliminate months of deployment time
Accelerate service deployment with DevOps and CI/CD
- Embrace evolving network architectures with a future-proof model

The Assurance Cloud Service™ is on-demand

- Activate new features and solutions, support new domains on-demand
- Entirely managed infrastructure for reliability even in extreme, unpredictable network scenarios
- An evergreen service, always on the latest version



The Assurance Cloud Service™ delivers MYCOM OSI's award-winning Experience Assurance & Analytics™ portfolio of cloud-native service assurance applications from the AWS public cloud, within a Software-as-a-Service commercial, operational and delivery model.

The Assurance Cloud Service™ supports hybrid deployment

The Assurance Cloud Service™ caters to the most demanding operational requirements. Where mission-critical latency or security requirements dictate, our EAA functionality is distributed and contained across a footprint of specific public and private cloud locations. Built-in active-active redundancy ensures that the Assurance Cloud Service™ performs faster and more reliably than traditional 'on-premise' deployments.

"As the telco industry moves towards cloudification of networks to increase innovation, agility and scalability, service quality and performance are at the top of mind for telco leaders"

Darrell Jordan-Smith,
Vice President of Global Telecommunications & ICT, Red Hat

The Assurance Cloud Service™ advantage

The Assurance Cloud Service™ is the telecom industry's first carrier-grade service assurance SaaS offering. It delivers business agility by eliminating months of deployment time and effort, avoiding risky system infrastructure costs and enabling on-demand expansion and feature activation. With a predictable, subscription service model; the Assurance Cloud Service™ is 5G-ready and future-proof, enabling CSPs to accelerate their journey to Digital Service Providers (DSPs) by deploying AI/ML at scale to realize the vision of highly automated network and service operations.

The leading service assurance suite in the Telco industry

- Built-in elastic scaling and high availability
- End to end 99.99% high availability
- Access to 100+ proven pre-integrated digital transformation solutions
- Native comprehensive backup & restore
- Automated updates through CI/CD

A single point of control & responsibility

- Full in-service management, from infrastructure to applications
- A single point of contact for all support issues

Assure 5G and more



Assure the Promise of 5G and beyond

Vendor and technology-agnostic interoperability with hybrid networks, including rapidly evolving SDN, NFV, Telco Cloud and Cloud-RAN technologies. Our CI/CD approach to development adapts to the latest developments in 5G. Today some of the world's first live 5G networks rely on the Assurance Cloud Service™

AI/ML Powered Networks



Accelerate the journey towards Zero-Touch Automation

Leverage the massive compute and analytics power of the cloud, deploy pro-active closed-loop automation of up to 95% of NOC/SOC operations and optimize network RoI and QoE, enabling you to deliver superior experiences and concentrate on finding and exploiting new growth opportunities

Business Agility



Accelerate your digital transformation

The Assurance Cloud Service™ is deployed and ready to ingest data in under 1 hour. A growing catalogue of end-to-end outcomes based digital transformation solutions rapidly solves specific business challenges

Carrier Grade



Supporting mission-critical, real-time assurance

Built-in active-active geo-redundant, containerized architecture delivering 99.99% availability, carrier-grade security and hundreds of backups per day. Seamlessly handles unplanned data bursts of 500%

On-Demand



Scale-up on-demand. Eliminate months of infrastructure management time and effort

Activate any feature or solution, current and future, on demand. Eliminate lengthy, costly infrastructure acquisition. Roll out use cases on-demand across a global footprint. The Assurance Cloud Service™ scales effortlessly

Predictable



Control your spend with a flexible, value-based business model

Precisely scale, scope and adapt your service assurance capability on demand based on your specific business needs, with a commercial framework that gives you full control of your spend and access to exactly the features and solutions that you need

The Assurance Cloud Service™ key features – Digital operations and automated network management powered by the cloud

The Assurance Cloud Service™ provides CSPs with a cloud-native and self-orchestrated assurance software suite based on micro-services architecture principles, containerization, big data storage, and agile DevOps continuous innovation and deployment (CI/CD) pipelining. Combined with a predictable business model and the massive resources of the cloud, this is today enabling Tier 1 CSPs to adopt a much more agile approach to service assurance, support on-demand digital service lifecycles and benefit from the evolving network and service technology landscape.

The Assurance Cloud Service™ brings the best of the public cloud to Telco OSS

- Active-active georedundancy across three AWS availability zones
- Automated multiple daily backups with AWS
- AWS-enabled elastic load balancing and auto-scaling
- Leveraging advanced public cloud services with AWS for advanced AI/ML capabilities and closed-loop automation

ACS™	
Performance and non-functional features	
Designed for 99.99% Service Availability	●
AI/ML based features at scale	●
Elasticity for short-term unplanned spikes	●
Continuous Integration & Deployment (CI/CD)	Evergreen
Fast on-demand scale-out flexibility	●
Enable hybrid cloud with “edge collectors”	●
Industry-grade Security and Compliance	●
Functional features	
Access to the AI/ML Foundry	●
5G and IOT data steaming ready at scale	●
Access to all EAA applications	●
Early (beta) access to new features	●
Activation features	
Environment setup & onboarding	1 hour
Hybrid data collection and integration	2 weeks
Connect from anywhere in the world	1 week

“To realize the zero touch vision for 5G networks, our customers are looking to deploy virtualized service and network operations centers with end to end service assurance solutions on AWS. Mycom OSI provides a cloud native platform leveraging AWS services like EC2, EBS, EFS, CloudFormation, Systems Manager, CloudWatch, CloudTrail aligned to well architected principles. The solution also enables them to deliver closed loop service assurance automation through AWS SageMaker”

Robin Harwani,
Head of Global Telecom Partner Technology, Amazon Web Services (AWS)

The Assurance Cloud Service™ Experience Assurance & Analytics™ (EAA) applications

The award winning EAA suite provides end-to-end assurance, bringing together disjointed assurance data into a single view, linking network performance with service quality and customer experience.

Enable Predictive analytics

The Assurance Cloud Service™ continuously monitors 5G network slice performance against QoS/SLA targets and applies advanced analytics to identify potentially problematic anomalies / breaches

Use Proactive risk alerting

Near future Assurance-SLA breach warnings are generated in real-time when risks are identified, and notifications are issued for event handling

Activate Continuous RCA

Advanced RCA algorithms identify degradations, issue service problems, and zero-in on suggested root-causes. Detect performance and fault RCAs that explain service problems

Leverage Autoflows

Connect the Assurance Cloud™ to your ETSI NFV MANO Orchestrator and enable closed-loop Autoflows that generate automatized remediation requests, notifications, and recommendations

Improve control analysis

The impact of Autoflow actions on the digital network performance is monitored to validate / confirm the degradation or risk has been resolved

Create ML inferences

Commence using AI/ML methods to auto-generate rules and action patterns that regulate towards QoS/SLA targets and use assurance data to optimize analytical models & algorithms



EAA ProOptima™ End-to-End Performance Management

A scalable and flexible network/resource performance management solution that empowers NOC/SOCs with actionable intelligence across all domains, functions and vendors, reducing complexity and enabling proactive problem resolution



EAA ProAssure™ Digital Service Quality Management

A cloud native proactive digital service quality management that assures digital QoS, enabling the proactive management of digital services in complex ecosystems spanning physical, hybrid and virtualized networks



EAA ProActor™ Automation and Orchestration

An automation and orchestration solution that standardizes operational procedures based on best-practices, increases the speed/frequency of essential activities and frees up valuable resources to focus on problem resolution



EAA NetExpert™ Network Fault Management

An advanced fault management solution that empowers NOC/SOC team with actionable intelligence on faults and alerts, reducing the number from billions to those that genuinely require attention to safeguard service quality



EAA ProInsight™ Advanced Analytics

A next-generation analytics solution that delivers network utilization and customer behavior insights by blending network and service information with non-network data such as usage or tariff plans or customer profiles



EAA Cloud Platform (ECP) Cloud-Native Platform

A next-generation cloud-native platform with a common 'Unified Network Inventory & Topology' (UNIT) data model, open API support, real-time processing and modelling, powering a unified, integrated assurance capability

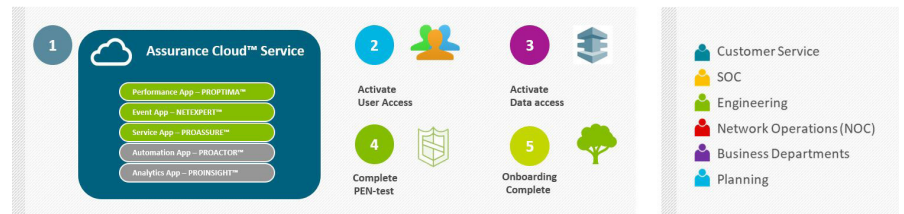
"MYCOM OSI were the best fit for our strategy of delivering a quality and reliable network experience for all of our customers"

Bryn Jones
Chief Technology
Officer, Three UK

The Assurance Cloud Service™ integrated digital transformation solutions – Deliver specific business objectives faster, under an all-you-can-eat business model

MYCOM OSI helps CSPs deploy a next generation NOC/SOC by integrating use case-based solutions into its integrated EAA suite. These enable NOC/SOC teams to be proactive and efficient through high levels of automation, intelligence-led analytics and assurance of highly complex hybrid networks that deliver high levels of quality and customer experience.

CSPs use the Assurance Cloud Service™ to drive digital transformation



Service Operations Teams use the Assurance Cloud Service™ to eliminate service disruption, improve service quality, maintain SLA adherence and deliver service guarantees.

Network Operations Teams use the Assurance Cloud Service™ to improve operational efficiency, reduce mean time to repair, improve network reliability and increase automation.

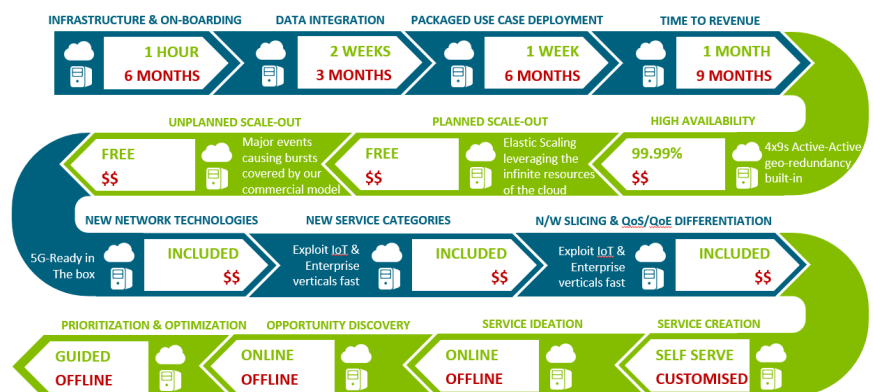
Planning Teams use the Assurance Cloud Service™ to accelerate data-driven planning of network roll-outs, expansions and densifications.

Customer Service Teams use the Assurance Cloud Service™ to identify and pro-actively communicate network issues that impact on customers.

Business Teams use the Assurance Cloud Service™ service to support data-driven targeted sales planning and accelerate time-to-market for new revenue streams.

The Assurance Cloud Service™ is pre-packaged with the full Digital Transformation Solutions catalog

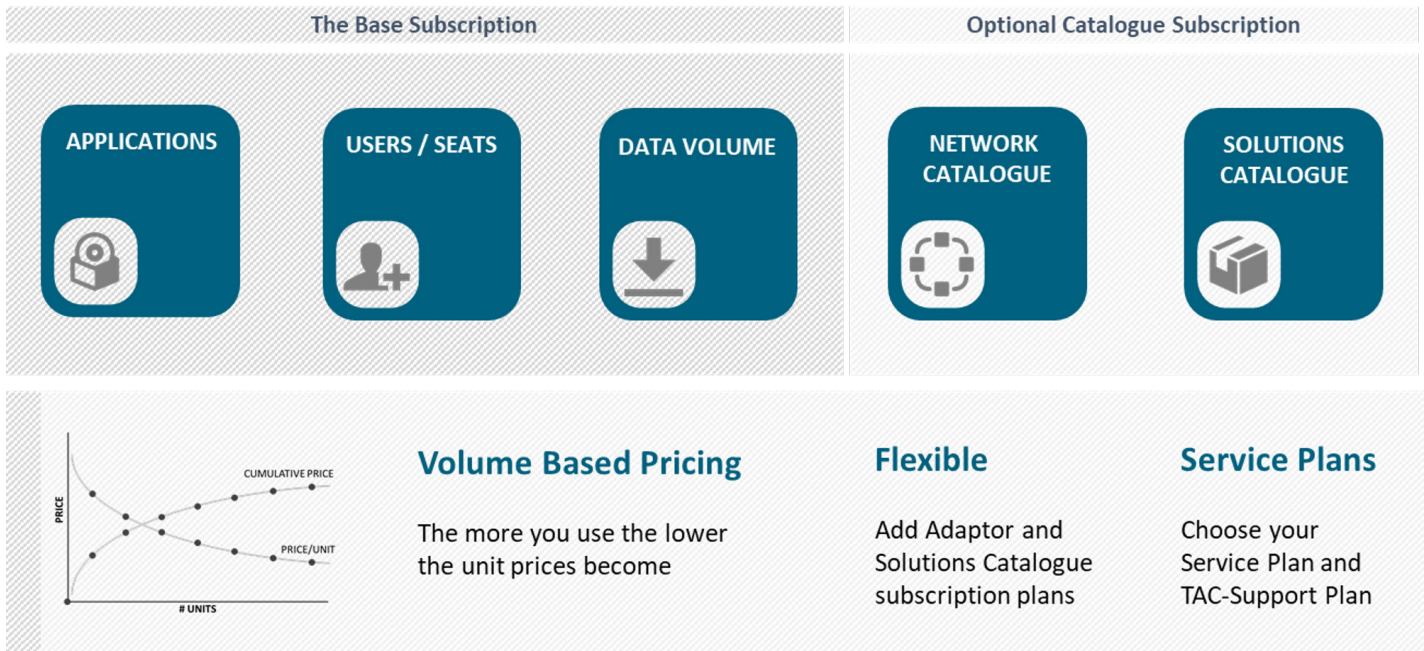
CSPs rapidly operationalize the Assurance Cloud Service by leveraging the pre-integrated Digital Transformation Solutions catalog. Designed to deliver end-to-end solutions supporting specific operational scenarios, it delivers value from day 1.



Subscribing to The Assurance Cloud Service™

The Assurance Cloud Service™ subscription model follows a simple, flat-fee approach. The basic subscription is comprised of a selection of applications and volume bands, reflecting the scope and capacity of the required capability. Optional catalogue subscriptions enable CSPs to select from a catalog of choices, spanning network domains and pre-integrated digital transformation solutions.

Expanding or changing a subscription can be done on-demand, delivering the power to respond to the rapidly changing technology and business landscape.



About MYCOM OSI

MYCOM OSI is a leader in Assurance, Automation & Analytics solutions that enable CSPs, Managed Service Providers (MSPs) and Enterprises to manage digital experiences and hybrid networks, launch digital, IoT and 5G services and deliver agility, scale and efficiency with automated digital operations. With over 25 years of proven capabilities and network management services to 8 out of the top 10 global CSPs, MYCOM OSI has designed the world's first Service Assurance Cloud, cutting across domains and catalyzing CSPs on the road to transformation to DSPs.

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