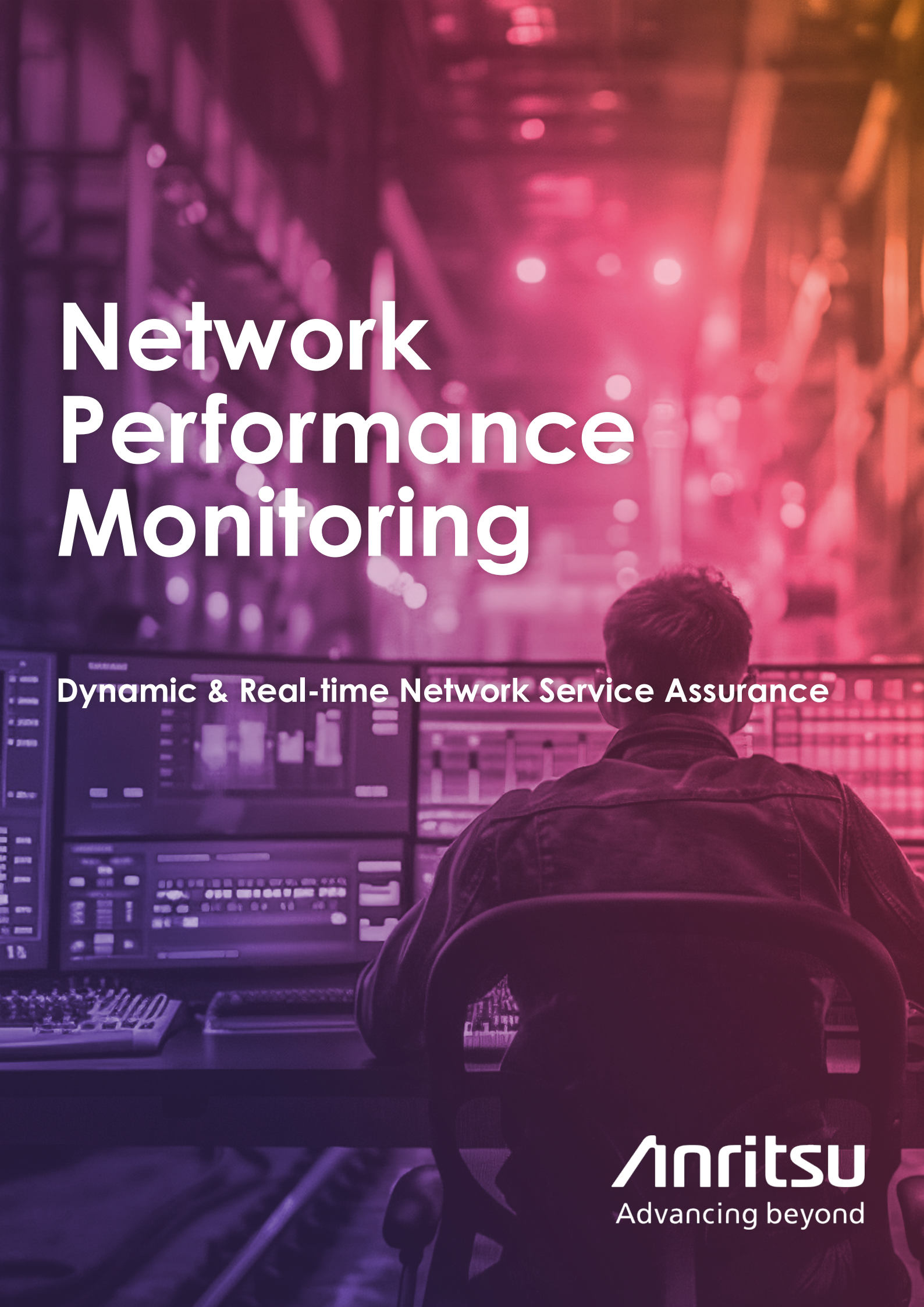


Network Performance Monitoring

Dynamic & Real-time Network Service Assurance

Anritsu
Advancing beyond

Overview

> “...the global benchmark in Mobile Network service assurance for 40+ Tier-1 operators and operator groups representing over 800 million subscribers.”

Anritsu’s Network Performance Monitoring offers real-time Key Performance Indicators (KPIs) as a predefined catalogue and a no-code, DIY framework for tracking and alarming to monitor and enhance network performance. Its cloud-based architecture provides a highly available, elastic, and resilient system, ensuring uninterrupted network monitoring and management.

Anritsu’s Network Performance Monitoring is the global benchmark in Mobile Network service assurance for 40+ Tier-1 operators and operator groups representing over 800 million subscribers.

Business Case Drivers

Embedded flexibility:
Thousands of users are service managers who autonomously perform KPI definition, chart configuration, and alarm management to manage an ever-changing network operation from a single easy-to-use interface.

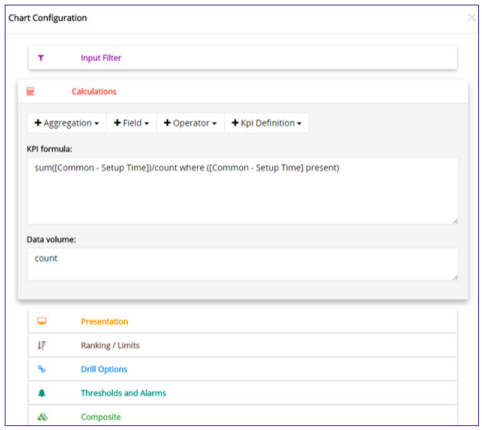
Real-Time Performance Monitoring:
Ensures continuous network oversight and enables quick responses to maintain optimal service quality.

Advanced Alarming System:
Detects network anomalies quickly and efficiently, facilitating immediate action to mitigate potential impacts.

Operational Efficiency:
Streamlines network management processes, reducing the time and costs associated with traditional network monitoring.

Key Features

> “Users can create thousands of custom KPIs from underlying data...”



Proactive Network Management:
Identifies and addresses potential issues before they escalate, with a focus on network health and performance.

Integrated Analysis Tools:
Seamless integration with Anritsu's suite of troubleshooting tools, providing faster response and comprehensive network visibility.

5G NSA and SA, Core and Access:
Hundreds of pre-defined 5G core and access monitoring KPIs out-of-the-box, including interconnect via SEPP.

Advanced, No-Code KPI Creation:
Monitors a wide range of network performance indicators to provide detailed insights. Users can create thousands of KPIs from underlying data formats.

Customisable Alarms & Dashboards:
Custom threshold settings, drill down and dashboard configurations to meet specific network management needs.

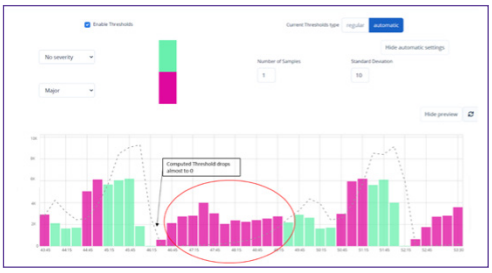
Fuelling Autonomous Networks:
Provides REST API and streaming-based access to thousands of system- and user-generated network monitoring and customer experience KPIs in real time.

Automatic Thresholds:
Dynamic adjustment of thresholds based on real-time data trends, using a low-pass filter algorithm and smoothing technique.

KPI Trend Prediction:
Predict and visualise KPI trends using exponential smoothing, with customisable prediction variables for optimal forecasting.

On-Demand and Live Data Sharing:
Facilitates the easy sharing of KPIs through a GUI, improving the availability and accessibility of data when it matters.

Cloud-Based Architecture:
Offers high availability and elasticity, accommodating varying network loads and minimising downtime.



European Operator Uses Network Performance Monitoring for Improved Operations

This large Western European operator has 60+ million subscribers who demand the highest service quality experience at all times. To provide this experience, they have successfully utilized Anritsu's Network Performance Monitoring system to create 20,000 live KPIs, each playing a vital role in understanding the who, what, when, where, and why of network problems as they happen.

By leveraging the self-service KPI creation module and visualization framework, they gain real-time insights into network performance, enhancing their ability to swiftly address issues, optimize operations, and improve service quality.

Leading French Mobile Operator Uses Network Performance Monitoring to Enrich Data Lake for Critical Insights

This Tier-1 Mobile Network Operator created 15,000+ KPIs using Anritsu's Network Performance Monitoring and uses them to enrich its data lake with live, subscriber- and network-level KPIs.

In doing this, the operator gains both invaluable customer experience insights and critical business intelligence. This real-time data integration also allows them to optimize network performance and enhance overall service quality with immediate and tangible results.

Anritsu

Advancing beyond

Anritsu A/S
c/o Regus Winghouse
Ørestads Boulevard 73, 4th floor
2300 Copenhagen S
Denmark
Phone: +45 (0) 7211-2200

info@anritsu.com