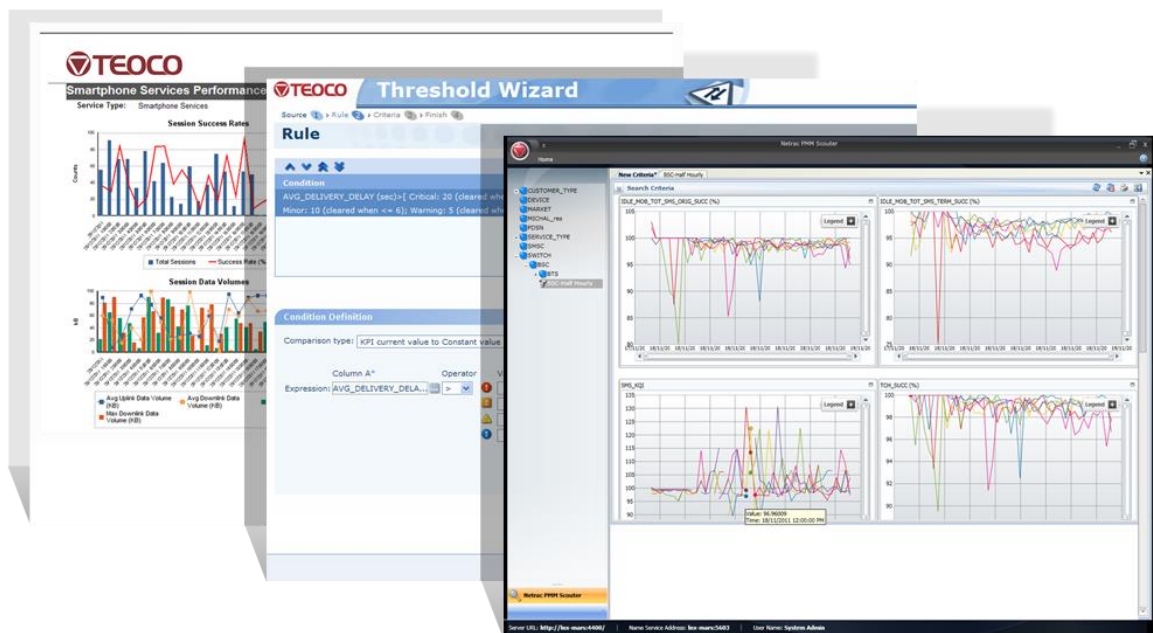# Netrac Performance Management

MONITOR. TROUBLESHOOT. OPTIMIZE

TEOCO's BEST OF BREED SOLUTION DELIVERING ROBUST & FLEXIBLE PERFORMANCE MANAGEMENT

The challenge of Communication Service Providers (CSPs) in the world of convergent networks is to meet their service-level guarantees and go beyond their customers' expectations to remain competitive.

To achieve high customer experiences, CSPs need tools enabling them to collect, process, analyze, and present traffic information from any vendor or network types, in various data formats.

TEOCO's Performance Management Solution (PM) helps CSPs stand by their promises, and offers a cost-effective, scalable solution for managing Performance and Quality of Service (QoS). PM supports:

- Multiple Domains: Single platform for Mobile RAN, Mobile Core, IP, Transmission and Fixed network domains.
- Multiple Technologies: allows for any Mobile or Fixed network technology to be integrated.

With its highly advanced data processing capabilities, sophisticated analysis tools, and intuitive user interface, the solution simplifies and improves your ability to view, monitor, and manage your network performance.

With TEOCO's PM Solution, performance issues are resolved more quickly, and your ability to promptly adapt to changes is increased. You can now understand the nature of your network's traffic and anticipate trends.

Market Leading

Multi-Technology, Multi-Domain Support

Scalable

Intuitive Reporting & Investigation

Real Time QoS

Automates Alarms Generation for Faults and Services

Performance Management Features:

Traffic Guard: a proactive layer atop PMM to generate threshold definition, and TCAs. It monitors network behavior in real time
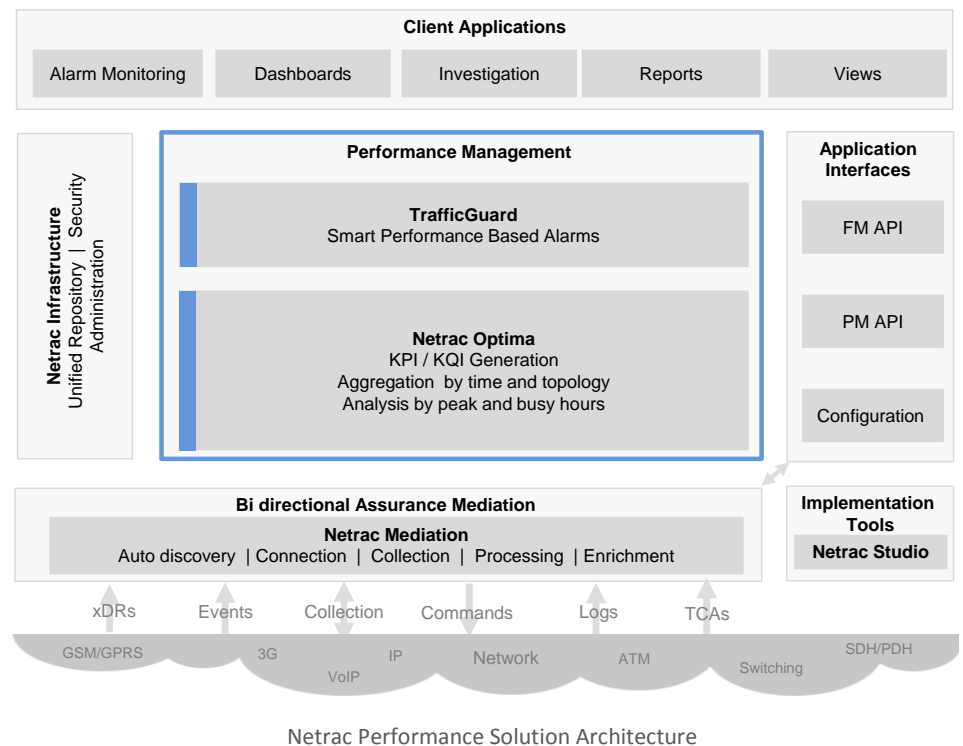
Adaptive Thresholds: a statistical analysis and advanced algorithmic tool that analyzes network performance data and automatically implements advanced thresholds in no time, with minimum human intervention.

Inspector: manages modules and module combinations, enabling users to define their own modules and display any network data, while performing advanced functions.

Scouter: a user friendly data investigation and troubleshooting tool to look into network behavior, quickly identify bottlenecks and performance issues

EasyKPI: provides Performance users the ability to calculate new KPI(s), based on CSP specific formulae.

Reporter: a Business Objects XI technology used to access web based reports that provide a detailed view of Network and Service Performance

Netrac Performance Solution Architecture

Robust data processing capacities for the Proactive Detection of Irregular Network Behavior & Service Degradations

- Collects & analyzes performance data from multi-vendor and multi-technology networks

- Processes an infinity of performance measurements per day and translates records of data in real-time.

- Provides powerful capabilities for calculating Key Performance Indicators (KPI) and Key Quality Indicators (KQI).

- Generates performance-based Threshold Crossing Alarms (TCA)

- Supports late and missing Operational Measurement (OM) required to recalculate KPIs, KQIs and TCAs

Enhanced User Experience for Improved planning, dimensioning and operation

- Intuitive web-based GUI that simplifies the creation and management of thresholds and events

- Tailored reports for performance management needs

- Performance based custom counters and customizable display of any KPIs

- Simplifies alarm investigation with drill up/down functionalities

- Offers greater visibility into the health of key network elements and KPIs/KQIs required for effective decisions