# RADCOM AI Alerts & vNOC

RADCOM AI Alerts & vNOC empowers the network operations center (NOC) and service operations center (SOC) with cost-effective and efficient automated anomaly detection. It saves engineering resources by categorizing and prioritizing anomalies and indicates the number of impacted subscribers. Through AI and ML, the solution helps ease workloads with operators able to better manage network operations and reduce time to detect and resolve faults. Alerts are sent to users via various delivery and real-time data streaming channels and other BSS/OSS solutions. The alert notifications are grouped by time, network function, KPI and then sent with supporting information.

RADCOM AI Alerts & vNOC endorses a bring your own container model to enable integration with operators' solutions and flows, with flexible structure to support scale. Anomaly detection is performed using industry leading models, with RADCOM embedded proprietary logic. A machine learning baseline is generated, per analyzed metric and based on historical data. Considering seasonality effects and trends estimation, it creates a forecast that can constantly be compared to incoming new information data points.

Benefits:

- Adopt AI/ML-based anomaly detection to improve operational efficiencies
- Improve overall service quality with proactive detection and prevention of degradations
- Shorten mean-time-to-respond (MTTR) with user-defined AI-powered alerts
- Use alert manager to control anomaly alerts and notifications for different users and teams
- Improve anomaly detection with features such as feedback, annotation, mute schedule and alert set-up
- Retrieve data safely and efficiently through the REST APIs
- Gain subscriber-level granularity
- Implement for specific use cases like roaming or across the entire network
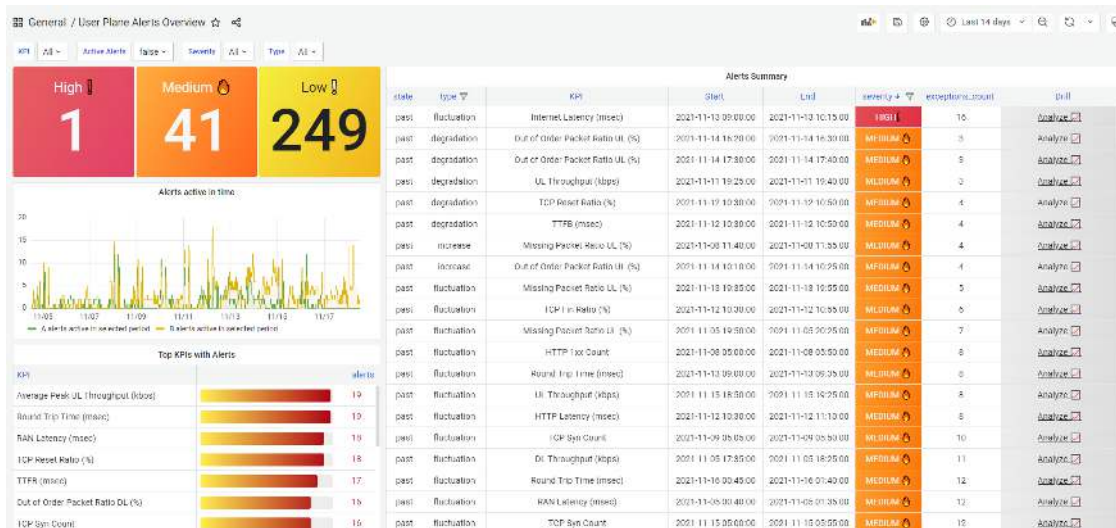
RADCOM (Nasdaq: RDCM) delivers real-time network analysis, troubleshooting, and AI-driven insights to ensure a superior customer experience. Utilizing cutting-edge technologies for over 30 years, we provide dynamic service assurance through the following solutions, including: RADCOM Customer Experience, RADCOM Network Performance, RADCOM Operational Efficiencies, RADCOM Network Troubleshooting, RADCOM Revenue Generation, RADCOM Service Quality and RADCOM Network Tapping.

For more information visit: https://radcom.com/