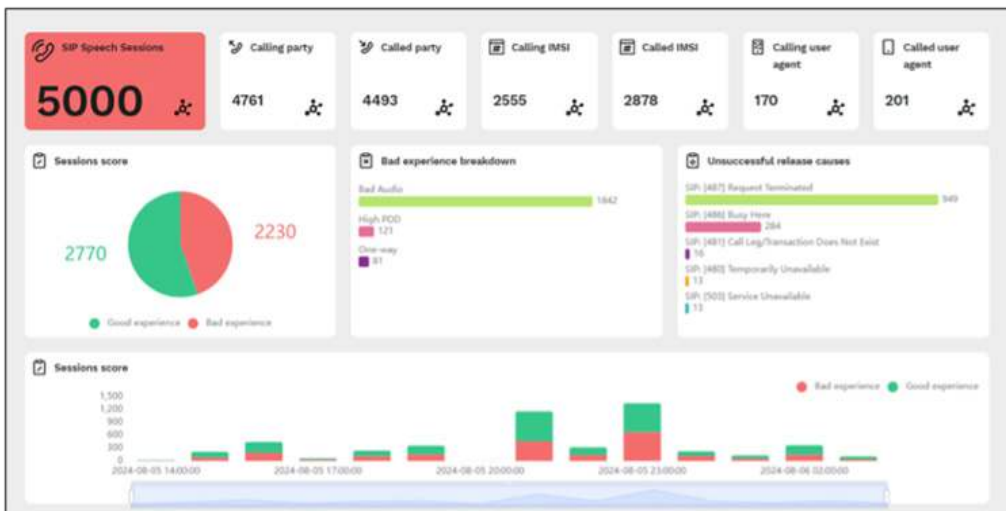# RADCOM Session Analysis

Telecom operators must attain service-level awareness and understand the customer experience from the subscribers' perspective, in order to offer the highest quality customer experience. RADCOM Session Analysis (SAM), part of the RADCOM Network Discovery Suite, is a session-based call tracing application used for detailed network analysis with any combination of flexible filters. It provides an end-to-end correlated view of the subscriber or network sessions for root cause analysis and quick issue resolution.

RADCOM Session Analysis enables operators to see calls or transactions as they happen, view detailed call data, define queries quickly, and follow the real-time changes in an open call. Session traces can run immediately or be scheduled ahead of time. The solution offers a wide range of perspectives to explore the signaling and detailed decode data. These include a protocols tree, dynamic flow arrows chart with detailed tooltips, the possibility of searching for text in the decode data and displaying different network elements. Using RADCOM Session Analysis, engineers have a wide range of analytics capabilities to troubleshoot service quality and optimize network performance.

Key Features

- Delivers non-intrusive and objective multi-vendor session analysis
- Accelerates resolution of subscriber trouble tickets with call flow tracing
- Offers real-time and historical insights into the network and correlated session flows
- Allows robust end-to-end rule-based correlation
- Integrates with AI/ML to save engineering resources while reducing time to resolution
- Enables complete customization of the dashboards and interface
- Encourages teamwork with its cloud-based sharing and collaboration tools

RADCOM Release Cause Distribution is part of RADCOM Network Discovery suite. Other applications include:

- **RADCOM Network Analysis (NAM)** – Enables operators to monitor KPI trends and troubleshoot multi-network environments
- **RADCOM Packet Analysis (PAM)** – Allows operators to view any packet flowing through the network, for any subscriber at anytime
- **RADCOM Release Cause Distribution (RCD)** - Analyzes unsuccessful network events with anomaly detection and root cause analysis