Oracle Communications Session Monitor Family of Products provide a real-time, end-to-end service monitoring, troubleshooting, and analytics solution giving an unprecedented insight into Voice over IP (VoIP) and unified communications (UC) networks.

Overview
The Oracle Communications Session Monitor Family of products is a group of passive service assurance applications that enable proactive monitoring, rapid troubleshooting, and an array of reporting options. The products help network operators improve their productivity and efficiency by providing a high-level overview of what is actually happening in the network in real time, with drill-down capability for rapid troubleshooting.

The Oracle Communications Session Monitor Family of Products allows enterprises and service providers to:
- Deploy IP networks efficiently and securely
- Conduct real-time troubleshooting
- Reduce operational costs
- Increase user, subscriber, employee, and customer satisfaction
- Detect and prevent voice fraud

The Oracle Communications Session Monitor Family of Products helps service providers and enterprise operators conduct real-time troubleshooting of call quality issues with deep drill-down capabilities into both media and signaling—a true differentiator in the market. It is a proven, carrier-grade solution for enterprise networks and fixed and mobile service providers with more than 100 deployments globally, including many tier-1 service providers.
Oracle Communications Session Monitor Family of Products is a robust network intelligence solution that helps service providers and enterprises to improve productivity and efficiency by providing a high-level overview of what is actually happening in their networks. Using these products with Oracle Communication’s session delivery infrastructure products allows service providers and enterprises to get the most out of their IP communications networks with unique, real-time management capabilities. Network operators can move beyond individual element management and benefit from real-time, network-wide visibility into multi-vendor IP communications networks.

**Enhanced Network Visibility**

The Oracle Communications Session Monitor Family of Products is composed of network probes linked to a client dashboard through an unrivaled correlation engine. Together, these elements provide the foundation that powers the solution. Network probes are available in multiple form factors, including software running on commercial off-the-shelf (COTS) hardware and software components integrated into Oracle Communication’s Session Border Controllers (SBCs) and Oracle Communication’s Enterprise Session Border Controllers (E-SBCs). The Oracle Communication Session Monitor is capable of monitoring any VoIP network—agnostic to equipment vendors—using deployed session delivery platforms. The Oracle Communications Family of Products includes:

- **Oracle Communications Operations Monitor:** This solution offers service providers and enterprises a range of features for proactive monitoring of the network. It captures all signaling messages from the network and provides full end-to-end correlation of all calls in real time.
- **Oracle Communications Control Plane Monitor:** This solution is available for service providers and offers advanced monitoring and troubleshooting features for Diameter transactions—a Third Generation Partnership Project (3GPP) recommended standard for signaling—in Long Term Evolution (LTE) and IP Multimedia Subsystem (IMS) deployments.
- **Oracle Communications Fraud Monitor:** This self-learning, scalable solution helps operators detect toll fraud and prevent it before damage is done.

**Optimizing IP Networks**

Enterprises and service providers are looking for ways to optimize their IP communications networks, not only to reduce costs and complexity but also to better deploy new value-added applications and services. The Oracle Communications Session Monitor Family of Products allows network operators to get the most out of their IP communications networks with unique, real-time management capabilities. Using these products with Oracle’s session delivery infrastructure products enables network operators to move beyond individual element management and benefit from real-time, network-wide visibility.
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