Network Performance Management

Gemini-NET™

NETWORK & SERVICE MONITORING

Unleash the potential of 5G Standalone with end-to-end visibility of networks, services, and applications

THE OVERVIEW

5G Standalone is the technological enabler of numerous opportunities that will impact the telecommunications sector and beyond. The new opportunities, represented by new use cases, are associated with **significantly reduced latency** and **increased bandwidth.**

While the adoption of 5G is imminent, the diffusion of such innovative technology still presents challenges for all stakeholders tasked with governing this new cycle of innovation.

For the successful implementation of 5G, it is necessary for CSPs to provide network managers with the appropriate tools to optimize performance and management of increasingly complex infrastructures.

THE SOLUTION

Gemini-NET™ is the OSS system capable of supporting various network interfaces (IP, SS7, ISDN, 3G, 4G, 5G, etc.) and over 4,000 protocols and applications for real-time performance management of networks, services, and applications.

By analyzing a vast amount of data and providing a series of predefined KPIs accessible on a customizable dashboard, **Gemini-NET™** helps understand application usage and user behavior to deliver better, faster, and smarter network services and ensure the satisfaction of every individual user.

The comprehensive solution with the lowest TCO for network monitoring and analysis, services, and applications.

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Gemini-NET™ provides **real-time granular visibility** into all traffic for comprehensive performance control. This enables CSPs to take appropriate actions to ensure a consistent experience and proactively anticipate potential network malfunctions before they negatively impact the delivered service and end-user perception.

Providing the right data at the right time enhances service quality and ensures Service Providers several benefits, including:

Advanced Visibility: End-to-end visibility on 5G network and service performance enables extraction of valuable insights for effective management and optimization.

KEY FEATURES

- Real-time network traffic visibility with service, protocol, and application identification and classification.
- Encrypted traffic classification.
- Over 4000 protocol plugins (including IoT/SCADA and cryptocurrencies).
- Continuous release of new classified protocols.
- Collection and analysis of 7 billion CDR/IPDR per day (Big Data).
- Collection and correlation of network data from heterogeneous sources.
- Near real-time analytics.
- Data visualization on a single intuitive and customizable dashboard.

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- **Security and risk minimization:** visibility to efficiently adapt network capacity while meeting the demands of new devices, services, and IoT devices, without compromising performance.

- **Customer-centric approach:** ensuring the right issues are addressed in the correct order, which means predicting and preempting network and service issues that affect the customer experience. By prioritizing Quality of Experience (QoE), it's possible to minimize the economic impact on both customers and the operator.

KEY BENEFITS

- Monetization of 5G

- Minimization of operational costs

- Enhanced efficiency and reliability of networks, services, and applications

- Management of network quality and performance

- Rapid identification of malfunction causes

- Increased customer satisfaction

- Reduction of churn

- Improved customer experience

For CSPs tasked with safeguarding the customer experience, while simultaneously optimizing operational costs and enabling the monetization of 5G.

Website   Social Media   Company Certifications

RESI S.p.A. has been a technological partner for over thirty years to the largest Service Providers, safeguarding and advancing their most crucial asset: the network.

Our extensive experience and solid expertise, coupled with ongoing investments in R&D, enable us to translate the genuine needs of our clients into practical solutions. We develop advanced ICT solutions for managing 5G and 4G networks, ensuring a superior level of quality of experience for end-users both nationally and internationally.

Our company and its people stand out for their strong engineering know-how in designing, developing, and managing Service Assurance solutions. This is made possible through our proprietary Deep Packet Inspection technology, Quality Assurance in the context of contact centers, and Digital Transformation for both private and public enterprises.