



Nexign Network Monetization Suite

Maximizing the efficiency and unleashing the revenue potential of 4G and 5G networks

Nexign Network Monetization Suite empowers communications service providers (CSPs) to optimize network infrastructure expenses and turn network capabilities into new revenue streams. CSPs can create nuanced and complex plans for B2C, B2B and B2B2X customers based on the slice data, quality of service (QoS) parameters or any other attribute by using Nexign’s single converged charging system.





Also, CSPs can expand partnerships and deliver bundled offerings based on SLA-grade requirements by securely exposing and monetizing their network capabilities to providers of digital, OTT and IoT services via APIs.

Nexign’s network monetization products help operators simplify the network topology by centralizing signaling traffic routing, dynamic load balancing and network function scaling on a unified signaling platform. Furthermore, the real-time analysis of data about the base station workload and congestion policy techniques allow for robust QoS management to improve network performance and customer experience.

The Nexign Products for 4G and 5G Core Network



Why Nexign Network Monetization Suite

-  Hybrid 4G/5G deployment and 5G-inspired scenarios on the LTE infrastructure
-  High scalability and performance with a proven track record of successful use by Tier 1 operators
-  Flexibility to configure any sophisticated product and business scenario
-  Fully aligned with the 3GPP and ETSI specifications and TM Forum recommendations



Integrated Products for 4G and 5G Network Efficiency and Monetization

Converged Charging

Multigenerational charging engine for real-time monetization of digital and traditional services

Nexign Online Charging System (OCS)

Rating and charging system for 4G and 5G NSA, featuring ultrahigh performance and flexibility

Nexign 5G Charging System (CCS)

Real-time monetization of new B2C and B2B services in 5G SA networks

Policy Management

Converged solution controlling real-time policy and charging rules based on flexible QoS management across multiple network types and network generations

Nexign Policy and Charging Rules Function (PCRF)

High performance, dynamic policy management for 4G and 5G NSA mobile traffic

Nexign Authentication, Authorization, Accounting (AAA)

Gating, charging rules, and QoS control in fixed broadband networks

Nexign 5G Policy Control Function (PCF)

Flexible policy control to support 5G SA network monetization opportunities

Nexign User Data Repository (UDR)

Centralized access to subscriber profiles, service activation parameters, and service profiles for policy control systems

Signaling

Converged solution for multigenerational network signaling and routing

Nexign Diameter Routing Agent (DRA)

Diameter message routing and server load balancing for charging and policy control systems in 3G, 4G and 5G NSA networks

Nexign Service Communication Proxy (SCP)

Centralized signaling traffic routing and load balancing in 5G networks

Nexign Network Repository Function (NRF)

Centralized repository of the 5G core network functions

Network Exposure & Analytics

Nexign RAN Congestion Awareness Function (RCAF)

Analysis of congested base stations data to enhance the subscriber experience and increase network performance through dynamic traffic management in 4G and 5G NSA networks

Nexign Service Capability Exposure Function (SCEF)

Secure and resource-effective 4G/5G NSA network exposure for partner applications and IoT platforms

Nexign Network Management System (NMS)

Centralized management of all network functions and their instances via a convenient UI