

Nexign BSS

Nexign BSS (Business Support System) is an end-to-end platform delivering full-stack BSS functionality to drive CSPs' digital transformation.

Nexign BSS is built on a solid foundation of converged billing and a network monetisation platform enhanced by a unified product management system. Nexign BSS is based on a catalogue-driven approach, making **product management** one of the cornerstones for success. The product catalogue works as a central configuration point for all products, providing information that streamlines the process for introducing new offerings with a short time-to-market.

Digital Front End serve as a unified front-end to Nexign BSS through different channels for all types of users. This layer contains dedicated portals for customer and partner management with extensive integration capabilities to play the role of a unified workspace for customer and partner support staff.

Nexign PRM provides full digital partner ecosystem creation and management capabilities. It supports the complete partner relationship management lifecycle and enables flexible engagement and settlement schemes with all types of partners: dealers, agents, OTT providers, and payment, interconnect and roaming partners.

The unified **Billing and collection** layer delivers a full cycle for converting services and usage data into operational profit by implementing billing, invoicing and payment collection for all business lines and customer types. It can handle pre- and post-paid transactions in parallel, giving your customers the flexibility to choose their preferred mode even within a single account, whether it is private, family or corporate.

Other layers:

- **Charging and rating (Nexign NWM)** supports real-time balance control, service management, and mobile and broadband internet QoS management
- **Customer management** enables core business processes related to managing all aspects of the customer journey, from initial contact through sales to ongoing support and interactions during further lifecycle stages
- **Nexign Order and Service Management** is a suite of BSS applications for managing product, service and resource instances; managing the order entry process; fulfilling product, service and resource orders
- **Infrastructure** layer consists of supporting subsystems and components that are common to the entire BSS solution

Digital transformation

Ongoing digitalisation and the evolution of the customer experience require a new level of agility and openness. Telecom businesses are growing beyond traditional communication services and adopting new revenue streams enabled by emerging technologies.

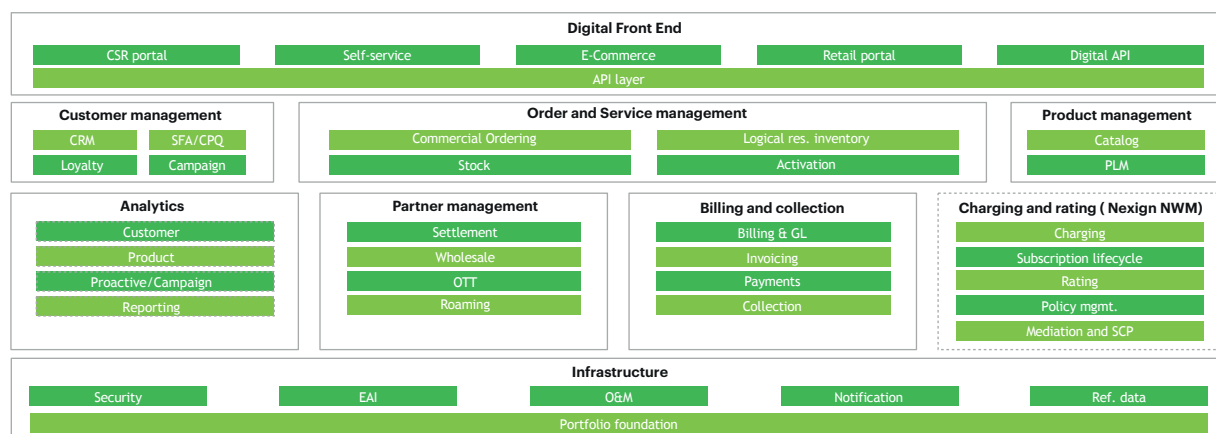
This requires flexible cooperation with vendors and partners while at the same time gaining better control over BSS costs, and maintaining transparency and efficiency.

Nexign paves the way to digital transformation for Tier 1 and Tier 2 operators, helping them to unlock extensive opportunities for rapid business development and revenue enablement.

Employing a transparent and agile delivery methodology, it allows CSPs to achieve best-in-industry TCO and accelerate the launch of new initiatives by optimising and digitising business processes.

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Nexign BSS architecture



Features

- **Cloud native** vision, embraced by Nexign, allows BSS to be deployed in public cloud, in-premise and hybrid environments
- **Microservices**-based approach to customer facing layers with native DevOps enablement for agile delivery
- Truly **catalogue-driven** configuration; SID-compliant product catalogue, enabling centralised creation of new products and flexible configuration by business users
- Process-driven **orchestration** with open integration points enabling fast adaptation to the customer environment and agility to reduce TTM from months to weeks
- Fully real-time rating and charging with minimum reaction time (down to 1 ms) and up-to-date balances
- Full BSS convergence in various dimensions: channel, business line, pre-paid/post-paid, network convergence

Key benefits

- **Create an extensive partner ecosystem** with open frameworks and digital building blocks: partner onboarding, bundle creation, development and launch of joint products
- **Provide omni-channel** customer experience with seamless convergence between traditional and digital interactions
- **Boost revenue** using the unified approach to traditional and non-telecom revenue streams with support for complex offerings and settlement methods
- **Reduce TTM** of new digital products and services
- Enable fast business changes with **DevOps-ready architecture**
- Access all core BSS functions via a **single comprehensive product**

BSS swap

Nexign has extensive experience of full-stack BSS swaps, including pre-paid and post-paid subscriber migration in a single system. Customer data is consolidated in a single platform, enabling a comprehensive customer view and enhancing the customer experience. This provides the operator with a single point from which to work with their customer base, resulting in greater efficiency and cost savings. Increased product portfolio flexibility facilitates traffic consumption growth and higher ARPU. Business process optimisation reduces IT maintenance costs. Nexign's agile development and delivery means that BSS migration can be completed in very short timeframes, producing significant cost savings for operators.

Why Nexign BSS?

- 26 years of leadership in the BSS market
- Focus on BSS transformation projects for Tier-1 operators
- Ability to execute is one of Nexign's strengths according to Gartner's Magic Quadrant for IRCM, 2017