



IoT

Internet of Things
Platform



Overview

Affordable, near ubiquitous connectivity and an exponential increase in “intelligent” devices have given rise to the most tangible growth opportunity for communication service providers (CSPs) today – the Internet of Things. The combination of connectivity and intelligence is set to revolutionise the interaction between humans and devices, as millions of connected devices communicate with each other and with humans. IoT technology promises to generate better insights, drive better decisions and offer new business models.

The difference is that while many talk about “business model diversification” and “Digital Transformation” in general terms, we in Nexign believe in focusing our efforts on real, tangible and measurable outcomes that can make a difference for our clients today. Our IoT platform does just that by enabling an array of new solutions and services across any B2X segments! Nexign is the only partner you need to seize IoT opportunities and turn them into business outcomes to give you a sustainable competitive advantage for the future.

Benefits

Service Providers can reap tremendous benefits by incorporating IoT into their business models. Data collected from billions of interconnected devices drives analytics-based innovations, enabling an entirely new level of connection between businesses, their clients and their environments in very differentiated offerings.

Uncover new revenue streams

CSPs can enhance their portfolios with new digital solutions and services built on our IoT platform. A broad range of monetisation strategies gives operators the opportunity to implement new business models.

Build partner ecosystems

Our IoT platform is the very core of a service provider's unique partner ecosystem. The platform facilitates collaboration between service providers and various developers, device manufacturers, and system integrators to create new IoT products and E2E solutions, which are delivered by service providers.

Expand customer base

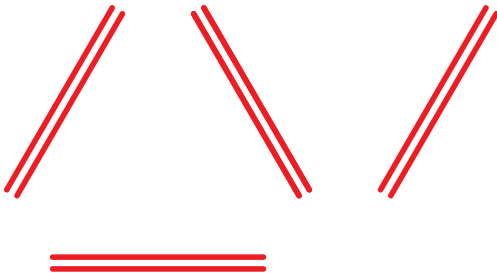
Vertical solutions from our IoT platform can be easily ported to customers in multiple industries, such as transport and logistics, municipal services, banking, manufacturing, and oil and gas.

Better decision making & improvement in efficiency

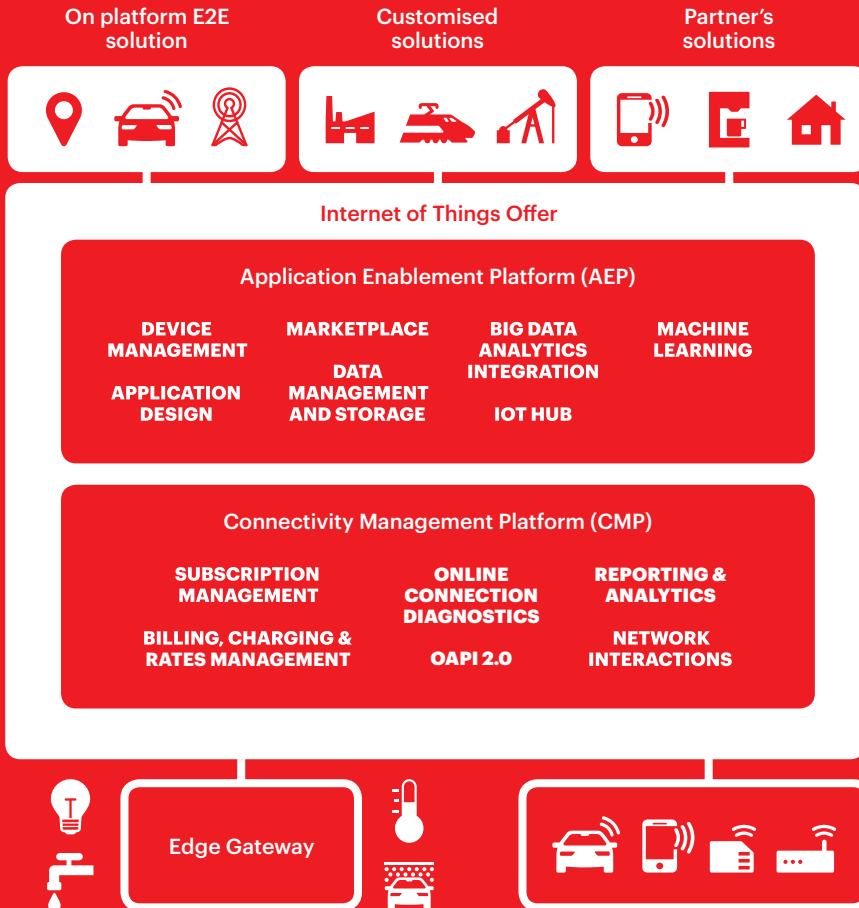
IoT data can significantly improve decision making based on analytics and increase efficiency by guiding operational adjustments. Our platform capitalises on this capability and gives customers greater transparency in managing their devices, cutting communications costs and reducing inventories.

Security

Service Providers have full control over IoT data. The system provides protection and ensures compliance with security requirements through secure user authorisation and secure data storage inside the IT infrastructure.



Internet of Things Platform



Connectivity Management Platform (CMP)

— An end-to-end platform that provides customers with a complete set of tools to efficiently control and manage their connected IoT devices. In-built analytics reduce maintenance costs and provide new ways of monetising low-margin IoT subscribers.

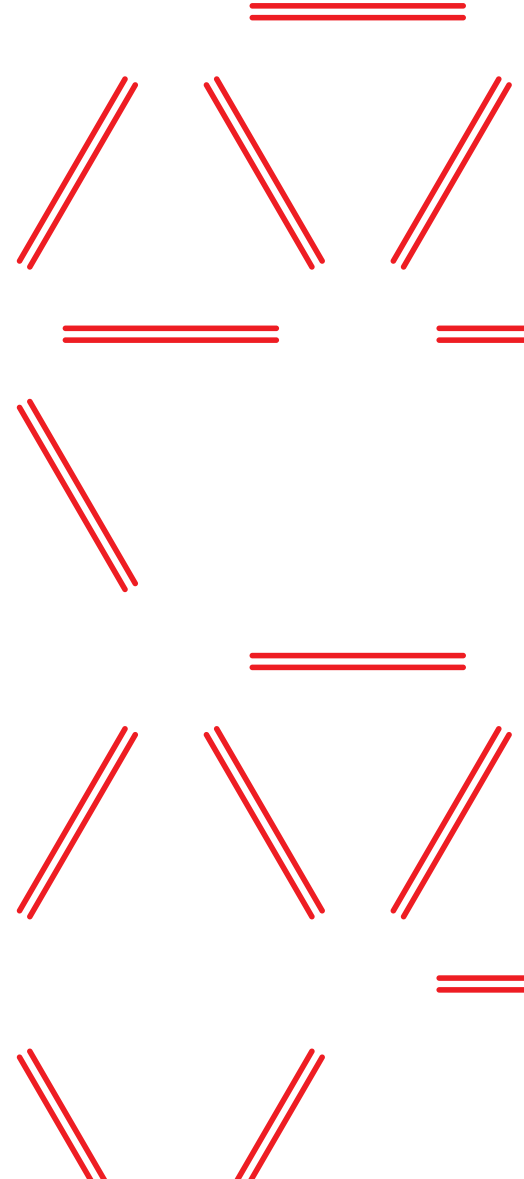
Customers can monitor distributed devices in real time, manage devices at both BSS and infrastructure levels and diagnose any problems that may occur when IoT devices are connected to the network.

IoT Application Enablement Platform (IoT AEP)

— A platform for creating and running IoT applications, the most important monetisation stream in IoT. Our IoT AEP becomes the single point of integration for both existing and planned IoT products unlocking lucrative segments across IoT vertical markets. Moreover, service providers can build their own partner ecosystems to become leaders in their local IoT market. The IoT AEP supports any type of device, integrates with any system and equips operators with big data analytics tools.

Key Features

- Our platform supports the creation of a range of monetization models, including a specialised IoT sales channel
- Create your own **IoT Marketplace** as a one-stop shop point for all IoT operator's offerings: vertical solutions, services, M2M rate plans, SIMs and devices.
- Get a single interface for interaction and commercialisation for any IoT vertical solutions – own or 3rd party.
- A vertical solution constructor, pre-built into the IoT-platform, can help you and your customers through rapid creation and launch of IoT applications for different markets.
- A built-in Machine Learning engine and external integration with Artificial Intelligence enriches created IoT solutions with predictive analysis.
- A modular, **open API**-based platform offering that is built using a **micro-services** approach for flexible growth and integration.
- **NFV Management ready** platform ensures efficient management in a virtualised environment, which interfaces with VNF Managers for performance monitoring.





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