

# Syntphony Open Telecom Networks

Empowering operators to break free from rigid, vendor-locked OSS models, we enable seamless, AI-enhanced automation through an open, cloud-native architecture that simplifies operations, drives agility, and fuels smarter, faster network evolution.



syntphony

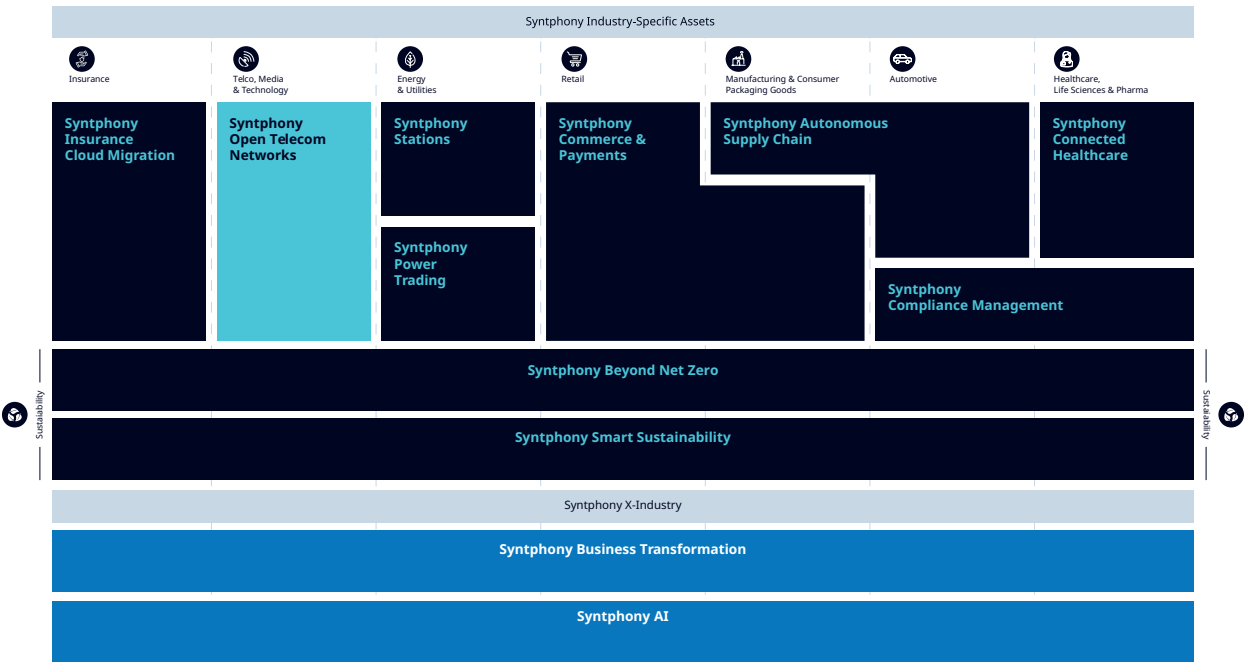
# We develop products and solutions that are in tune with businesses



Syntphony is the composable platform of digital products and solutions from NTT DATA, created to help global organisations accelerate innovation, align business strategy with technology, and scale transformation initiatives with speed and efficiency.

Designed for enterprises that demand flexibility, modularity and integration, Syntphony offers a portfolio of ready-to-deploy, enterprise-grade digital products developed by NTT DATA's global talent network. By combining business consulting expertise, proprietary technologies and industry knowledge, the Syntphony ecosystem multiplies the value for clients, reducing time to market and unlocking synergies across multiple domains.

**Syntphony is the most valuable Product Composable Platform of NTT DATA, enabling clients to orchestrate scalable, resilient, and future-ready business solutions.**





# Accelerate OSS modernisation for agile, autonomous, cross-domain network operations globally

**Quarter-hour trading is here. Gain processing agility and real-time insights to rethink how you trade energy.**

## **Disruptive OSS revolution begins**

Telecom operators now face a transformative moment. OSS, once proprietary and siloed, is evolving into open, autonomous ecosystems that disrupt incumbent models, enabling CSPs to lead innovation, improve margins, and scale operations.

## **OSS Complexity needs reimagining**

Operators need cloud-native, flexible OSS to unify multi-domain, multi-technology and multi-vendor networks.

Addressing fragmentation, enabling reusability, and removing vendor lock-in is now essential to control costs and meet customers' soaring expectations.

## **OSS Change mirrors Cloud**

OSS transformation resembles the enterprise cloud revolution. Operators seek agility, openness, scalability. Just as cloud redefined IT, open OSS will drive telecom operators towards autonomous networks, unlocking disruptive capabilities and efficiencies.



# Rethink OSS. Operate freely. Scale fast. From fragmented tools to unified control.

**We help CSPs move beyond legacy limitations with agile, interoperable OSS that accelerates time to market by 30%.**

## Legacy OSS slows business agility

Legacy OSS environments are no longer fit for purpose. Communications Service Providers (CSPs) face increasing pressure to automate operations and deliver new services at speed, but outdated, vendor-locked platforms block this evolution.

Closed systems limit flexibility, hinder real-time decisions and drive operational costs higher. Operators need open, cloud-native OSS that can scale, interoperate and support new models like Open RAN, enabling agility, innovation and faster go-to-market across increasingly complex, multivendor network environments.

## Smarter networks. Simpler operations.

We help build autonomous, open and disaggregated networks that are flexible, scalable, secure and sustainable, improving efficiency and revenues. We deliver:

- **End-to-end integration:** aligning OSS across technologies, accelerating time to market by 30%
- **High-quality, real-time, accessible data:** enabling AI-driven decisions and cutting NOC costs by 25%
- **Scalable infrastructure:** with experience supporting networks with more than 120 million subscribers
- **Cloud-native, open OSS:** increasing agility and achieving 30% TCO savings with no vendor lock-in

## Future-ready networks, open and autonomous

For Communications Service Providers seeking to automate and simplify multi-technology network operations, our open, AI-powered OSS platform delivers seamless orchestration, real-time data insights and OPEX savings of up to 25%.

Unlike traditional vendors with rigid solutions, we offer a cloud-native, vendor-agnostic approach enabling CSPs to accelerate services by 30% while gaining full control.

We help CSPs move from locked-in to fully flexible networks.

## Open by Design, Built for Scale

Unlike conventional OSS offerings, this solution is built within a telco group, combining cloud-native architecture, no vendor lock-in and composable design. It adapts flexibly to existing environments and meets global standards.

Our deep telecom expertise, proven across Japan and international markets, is backed by strategic collaboration with NTT/DOCOMO.

Recognition from TM Forum and Gartner reinforces our positioning as trusted OSS experts driving global standardisation, innovation and agility for next-generation telecom operations.





# Built for tomorrow. Designed without constraints.

Our open, cloud-native architecture removes vendor lock-in and adapts to any network, at any scale.

## Open by Design, Built for Scale

We stand apart by combining cloud-native OSS with an open, vendor-neutral architecture built inside a global Telco group. Unlike traditional providers, we offer flexible, modular deployments that integrate easily into existing environments.

We help operators modernize their networks at their pace, not ours. Our collaborative approach ensures each project is tailored to local needs, leveraging deep experience and references across regions. We stay close to the client, adapting the solution to their operational and business context.

## A Platform Built with purpose

We're the right team because we combine system integrator agility with telco depth. Our solution is the result of real deployments, shaped by decades of network experience and built on open frameworks.

Now is the right time. The shift to open, disaggregated networks is accelerating. Legacy OSS no longer support AI-driven operations. Our architecture is ready, tested, and already used by Tier 1 and Tier 2 operators. There's no risk. The future is not tomorrow. It's operational today.



## We build for real transformation. You deploy without friction.

### Benefits

#### Reduced Time-to-Market

We accelerate OSS transformation projects by up to 30%, enabling CSPs to launch services faster and adapt to market changes without compromising integration quality.

#### Vendor Lock-In Elimination

We provide full freedom with an open architecture, allowing operators to mix vendors and technologies with seamless orchestration for long-term flexibility and independence.

#### Real-Time Data, Better Decisions

We unify and enrich OSS data to provide real-time visibility, enabling proactive decisions, predictive maintenance, and automated cross-domain actions.

#### Global Standards Alignment

We follow TM Forum and Telecom Infra Project standards to ensure compliance, interoperability, and alignment with global CSP needs.

#### Lower Operational Costs

We automate routine tasks to cut Network Operation Centre costs by up to 25%, boosting efficiency, reducing errors, and enhancing service continuity in hybrid, multivendor environments.

#### Cloud-Native and Future-Ready

Our cloud-native OSS scales and adapts to support Open RAN, 5G, IoT, and emerging technologies.

#### Fast and Safe Integration

Our modular solution integrates smoothly with existing systems, enabling fast deployment, minimal disruption, and reduced risk in OSS modernization with legacy environments.

#### Scalable to Millions

Our data layer supports 120M+ subscribers with high availability and real-time processing.

### Features

#### Cloud-Native, Modular Architecture

Built for cloud-native environments, it enables microservices, scalability, and high availability, supporting legacy OSS migration with reduced risk and coexistence.

#### Cross-Domain Orchestration Engine

Delivers end-to-end service lifecycle management with unified automation across hybrid, multitechnology networks.

#### Zero-Touch Automation Framework

Prebuilt use cases and policy workflows enable zero-touch operations, speeding service activation.

#### Open RAN and Legacy RAN SMO

xGen RAN Manager unifies control and automation for Open RAN and traditional networks.

#### Open APIs and Multivendor Support

Built on open interfaces and TM Forum standards, it ensures interoperability, avoids vendor lock-in, and simplifies partner onboarding with minimal disruption.

#### Real-Time Data Layer

Supports high-frequency data, event correlation, and AI analytics for 120M+ subscribers, enabling smart decisions, SLA assurance, and automation.

#### Telco OSS-in-a-Box

A pre-integrated SaaS OSS solution for fast deployment in brownfield or greenfield setups, ideal for AllNet or regional operations with low IT overhead.

#### Full Observability and Telemetry

Includes real-time monitoring, alarm correlation, and dashboards, providing a single pane for service assurance and predictive analytics across all network layers.



## AI-driven OSS for Real-time Decisions

We enable operations teams to make instant, data-driven decisions across complex hybrid networks.

By integrating real-time data layers with intelligent automation, we remove silos, reduce delays and ensure consistent service quality—even in high-volume environments.

At Más Móvil - Spain, we've implemented a platform to automatically identify and resolve network failures using ML/AI-based processes.

## Autonomous NOC Operations at Scale

We automate key processes within Network Operations Centres (NOCs) to reduce manual interventions and operating costs.

With closed-loop automation, we help CSPs move towards self-healing networks while maintaining high operational accuracy and service levels.

At Onivia - Spain, NOC operators directly access information collected, processed, and exploited from our solution to support their incident response and service assurance functions.

## End-to-end Open RAN Orchestration

We orchestrate and manage Open RAN environments across multiple vendors and technologies.

Our solution delivers unified visibility, reduces fragmentation and allows operators to scale efficiently while maintaining control over cost and flexibility.

At NTT Docomo - Japan, we have implemented an evolution of our product focused on Configuration Management and FCAPS management for network functions.

## Multi-domain OSS Transformation Acceleration

We enable operations teams to make instant, data-driven decisions across complex hybrid networks.

By integrating real-time data layers with intelligent automation, we remove silos, reduce delays and ensure consistent service quality—even in high-volume environments.

At Vivo - Brasil, we've facilitated the migration of legacy systems and networks through integration with our platform, covering multiple vendors, domains, and technologies.





## About NTTDATA

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NTT DATA - a part of NTT Group - is a trusted global innovator of IT and business services headquartered in Tokyo. We help clients transform through consulting, industry solutions, business process services, IT modernization and managed services. NTT DATA enables clients, as well as society, to move confidently into the digital future. We are committed to our clients' long-term success and combine global reach with local client attention to serve them in over 50 countries.