




Case study

Lightstorm, India: Enabling digital value chain offerings with a new NaaS architecture

Nokia Digital Operations software
and Amazon Web Services (AWS)

NOKIA



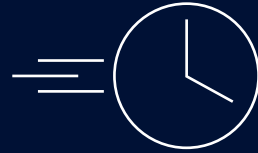
Lightstorm is India's only carrier-neutral network infrastructure platform built to accelerate business growth and innovation in the digital world. Its Network-as-a-Service (NaaS) platform opens new opportunities for enterprises by providing a simple, secure, and smart way to enhance their application performance and user experience.

A trusted partner of Fortune 500 companies, Lightstorm is building a robust foundation of digital infrastructure to create new sources of value and differentiation to businesses.

Challenges



- Lightstorm required an OSS solution that would enable an increasingly lean and agile organisation to provide customer-centric NaaS offerings as part of the emerging digital value chain.



- Lightstorm wanted to provide services more rapidly and assure service level commitments more easily.



- The new OSS needed to be more than just a support system – to enable business objectives with simplified, agile end-to-end operations automation in a multi-vendor, multi-technology and multi-domain network.



- They were also looking for a solution that was future-ready, supporting a hyper-elastic environment extending to new markets in multiple countries.



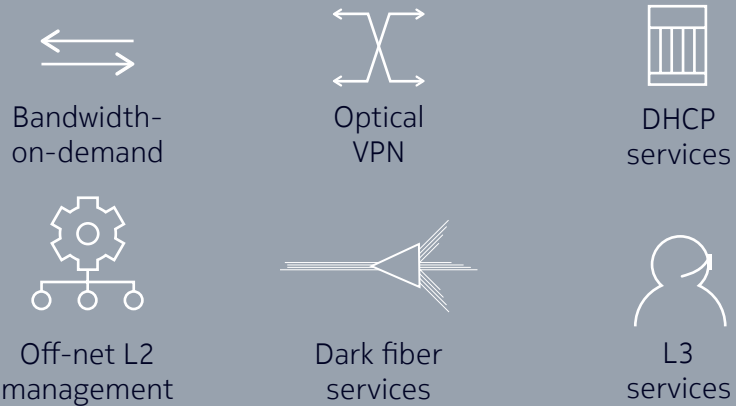
Solution

Digital Operations software with service fulfillment, service assurance and unified inventory for closed-loop automation, deployed on AWS cloud.

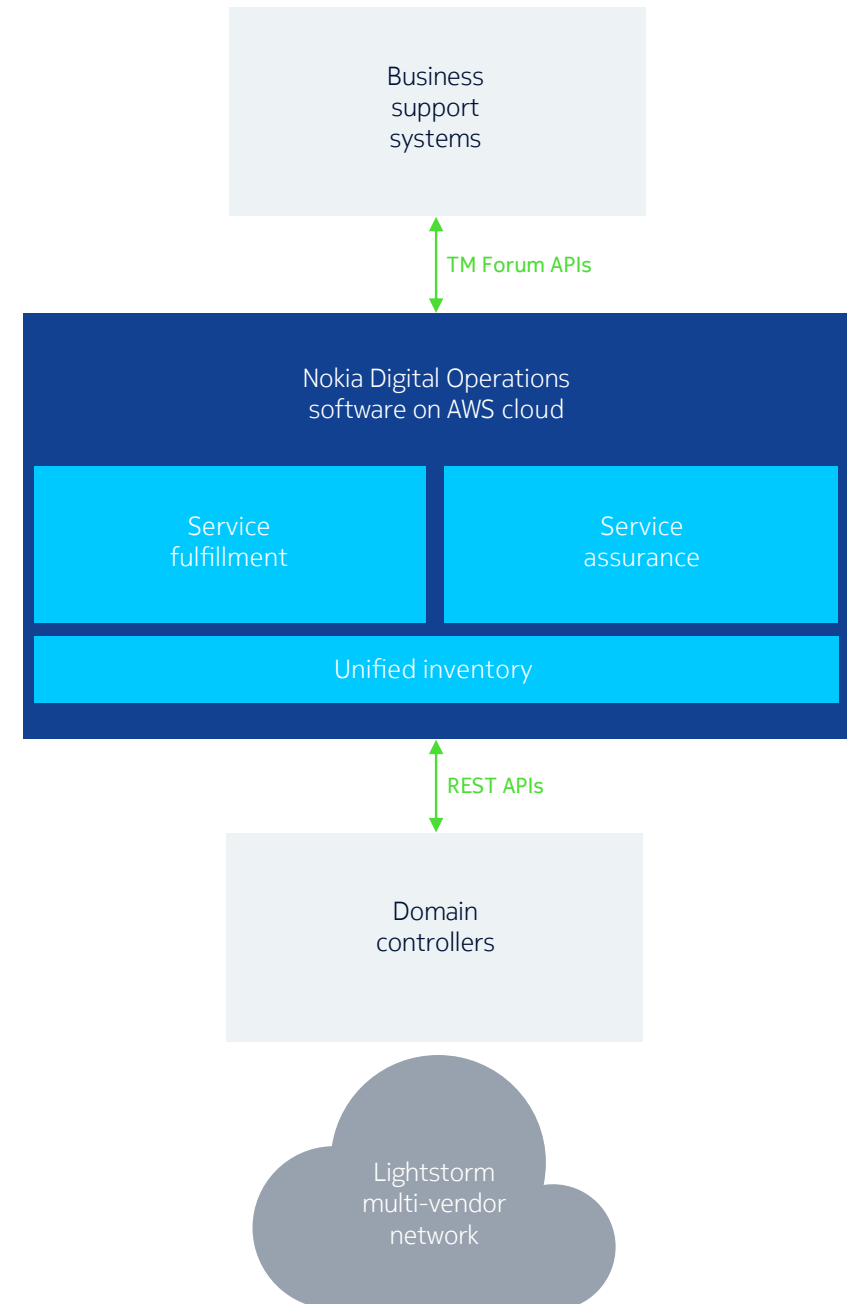
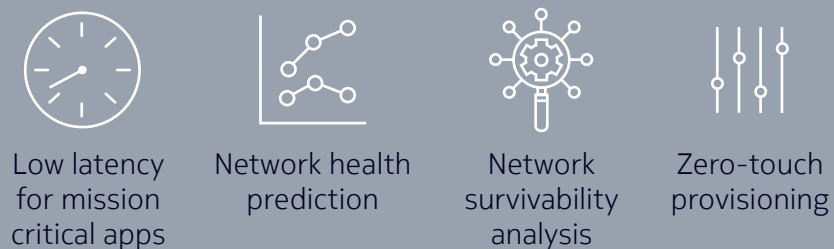
The solution enables business process and operations automation in a multi-vendor, multi-technology, multi-domain network.

The result is increased agility and efficiency for NaaS service offerings.

Use case examples



Solution capabilities



Benefits

Agility

- Empowering enterprise customers with online, on-demand service ordering through self-service portal for >90% of services.
- Enterprises benefit from flexibility to easily make changes to their services in run-time.
- Flexible support for distributor sales channels.
- Order to activate in minutes, up to 500 times faster than traditional OSS approaches.

Efficiency

- Highly effective end-to-end automation of quote to activation and closed-loop assurance in support of service level agreements.
- 8 times faster problem identification compared to legacy systems.
- More efficient Network Operations Center (NOC).
- Reduced network latency for SDN-based deployments.



“Lightstorm is building a resilient and future-ready telecom network designed to support the ever-growing demand for data and low-latency applications in India. We are confident that Nokia's Digital Operations software on AWS will help us realize our vision of building a software-defined programmable and automated network. We look forward to working with Nokia in our journey to provide a world-class digital experience through our platform.”

Amajit Gupta, Chief Executive Officer,
Lightstorm



The Nokia and AWS Strategic relationship

A worldwide leader in telecom software and networks with leading cloud-native solutions...

NOKIA

aws

...and the #1 cloud platform provider leading with application modernization, DevOps and AI/ML

Together to deliver superior telecom infrastructure and greater digital ecosystem engagement

Faster time to market for new digital services

Efficiency of apps and network functions on cloud

5G monetization solutions through network slices & applications

“We are pleased to work with Nokia and Lightstorm to bring the complete breadth and depth of AWS to play. Deploying Nokia’s Digital Operations software on AWS will allow Lightstorm to drive maximum efficiency, flexibility, and customer satisfaction with modern service design, delivery, and billing. We believe this combination will enable Lightstorm to efficiently manage complexity and costs, enabling them to scale and meet customer demands as they build out their network infrastructure across India.”

Puneet Chandok, President Commercial Sales
AWS India and South Asia



Enterprise network service provider in India powered by Digital Operations software

Evolving OSS from being mere support systems to business enablers

Greenfield operator with carrier-neutral infrastructure platform



Customer-centric NaaS model for OTT ecosystems



Services to be delivered on-line

>90%

Nokia Digital Operations software deployed on AWS cloud





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About Nokia

We create the critical networks and technologies to bring together the world's intelligence, across businesses, cities, supply chains and societies.

With our commitment to innovation and technology leadership, driven by the award-winning Nokia Bell Labs, we deliver networks at the limits of science across mobile, infrastructure, cloud, and enabling technologies.

Adhering to the highest standards of integrity and security, we help build the capabilities we need for a more productive, sustainable and inclusive world.

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