



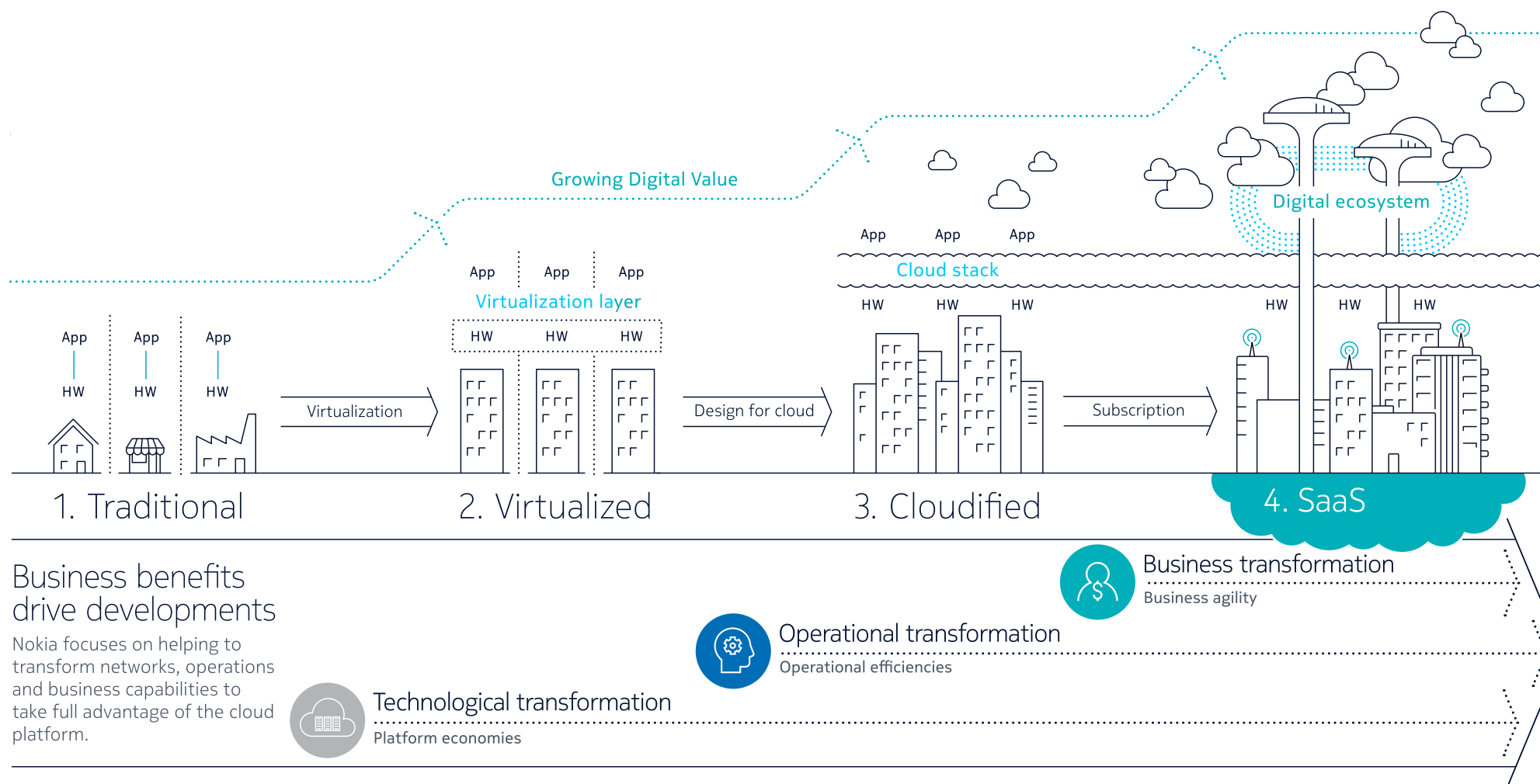
Software-as-a-Service for Fixed Networks

NOKIA

Nokia Software-as-a-Service (SaaS) for Fixed Networks enable you to accelerate time to market for critical network management, SDN controller, subscriber activation, network rollout and care applications.

The path to SaaS

SaaS - the CSP software deployment model of the future



Business benefits drive developments

Nokia focuses on helping to transform networks, operations and business capabilities to take full advantage of the cloud platform.

SaaS essentials

Your network needs software applications to manage it. However, deploying, monitoring and maintaining software requires expert IT resources and can be time-consuming and complex. Staying up to date in a fast-paced IT world as you scale your network, grow your business, or add a new technology or capability is not an easy endeavor.

Software as a Service (SaaS) does away with the IT complexity, simplifies the delivery process, and accelerates service turn-up.

In SaaS, applications are provided in the cloud as a subscription-based service. Rather than buying, installing and maintaining software on your own systems or accounts, you access the software via a WebUI or an application programming interface (API).

With Nokia SaaS for Fixed Networks, there's no initial CAPEX to purchase the software, no lengthy installation time, and no need for specialist IT skills.

Subscribe
instead of
purchase

Delivered
via the
cloud

Secure access
to WebUI
or API

Automated
services
lifecycle

The benefits of a SaaS model

Opting for a SaaS model means you can go faster, save money, rationalize your in-house IT expertise, and focus on your core business.

Fast time to market

The software sits in the cloud and is ready to go, meaning:

- Automated service turn-up
- No need to buy HW or validate IT infrastructure compatibility
- No need to train IT experts
- Off-the-shelf blueprints enable rapid adoption
- Low barriers enable fast market entry and activation

Pay as you grow

A subscription model means:

- Reduce non-strategic spend
- Expenditure tied to business success – 100% OPEX model
- Pricing linked to subscriber-based revenues
- Automated scaling and on-demand resource availability

Higher convenience

Up to 50% lower total cost of ownership comes from:

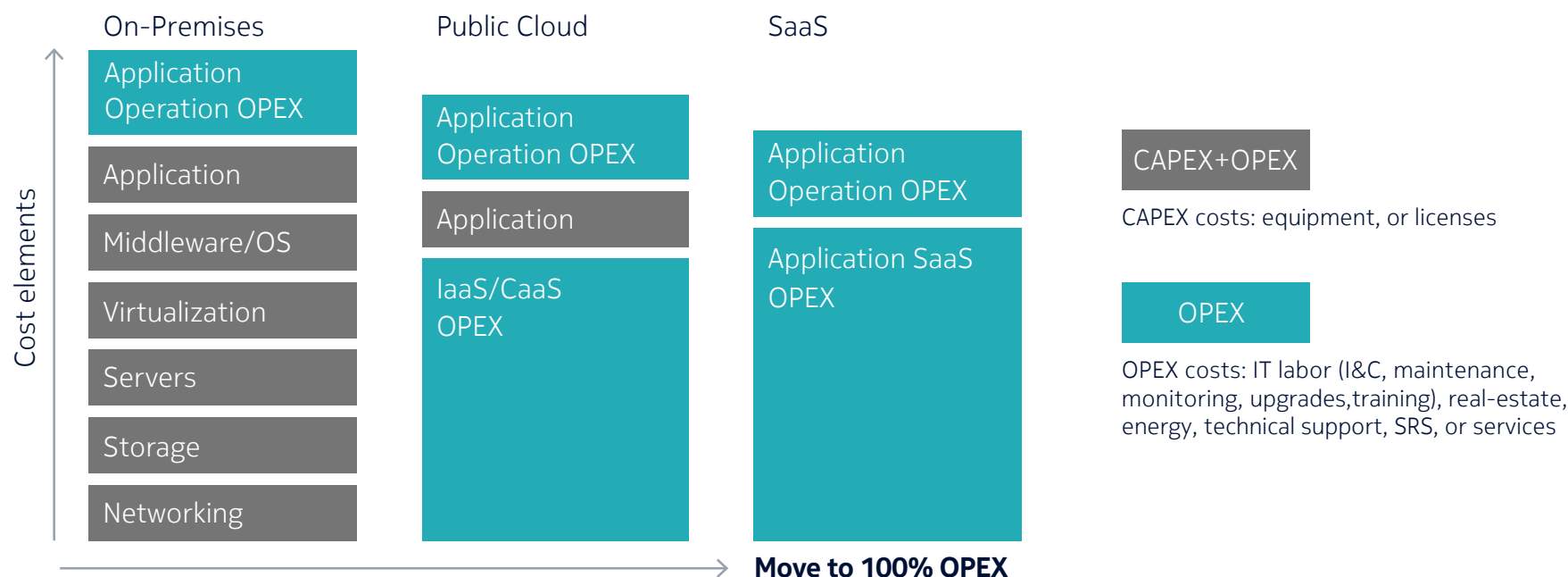
- Lifecycle management with Nokia as single point of contact
- No upfront investments, fewer IT dependencies, and lower lifecycle costs
- Improved cost management due to blueprinting and economies-of-scale
- Fewer moving parts



What we do for you

Software applications in Fixed Networks accomplish frictionless integration and support flexible deployment models on bare metal, private cloud, public cloud and now SaaS. Nokia SaaS makes it easy to adopt new software applications that improve your network operations. And you get exactly the same experience as an on-premises installation, with no compromise between flexibility and functionality.

SaaS is an opportunity to leave behind the traditional way of buying software



When you choose a SaaS deployment, we host instances of the software in the cloud and take care of the turn-up, performance, availability, maintenance, and updates of the application and the cloud environment. Your expenditures are fully tied to business success in a 100% OPEX model.

You have secure access to the northbound and southbound interfaces of the application, via a VPN tunnel over the internet or a dedicated connection. You can select different maintenance and support levels, and select high-availability or geo-redundant options. You can also deploy different Nokia SaaS instances for use in production, staging, lab testing or pilots.

Nokia SaaS solutions for Fixed Networks

Nokia SaaS options exist for a range of our powerful network management and professional and care services solutions.

SaaS network controllers

Control your network assets and operations through a cloud-native application.

Cloud-native applications have the following key capabilities:

- **Modular architecture.**
Independent modular software applications, running in containers, that elastically scale to fulfill their duties. Data is decoupled from application.
- **Open APIs.**
Fast integration and full access to network data for Nokia and 3rd party analytics and automation tools, OSS/BSS and network orchestrators.
- **Container deployment.**
Deployed as microservices on Kubernetes. More efficient use of compute resources, infrastructure agnostic and enabling smooth cloud migrations.
- **Orchestration and automation.** End-to-end SDN and NFV network solutions with automated lifecycle management for high gains in performance, scalability and agility.

Available for

Nokia Altiplano
Access Controller

Network management and SDN control to virtualize, configure, automate, assure, visualize, optimize, and share broadband access networks.

[Learn more](#)

Nokia Altiplano
FastMile Controller

End-to-end management of your fixed wireless access assets to rapidly deploy services and deliver the best customer experience.

[Learn more](#)

Nokia WiFi Cloud
Controller

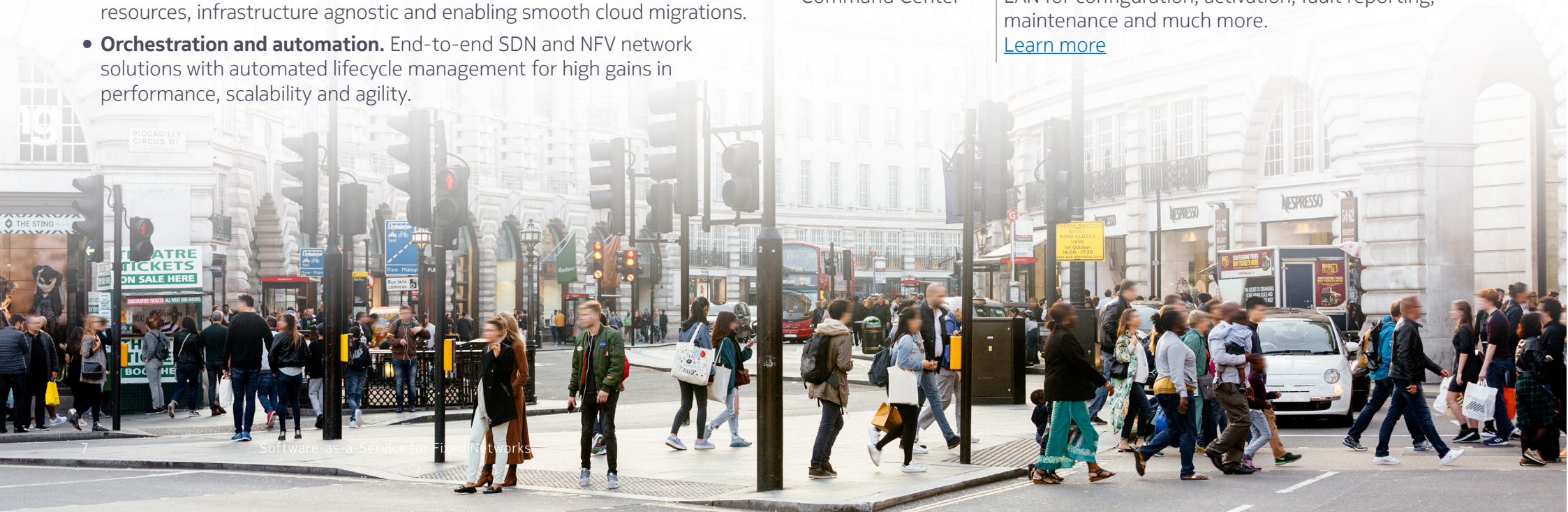
Operate, manage and optimize Wi-Fi networks by providing real time visibility and intelligent algorithms for radio resource management.

[Learn more](#)

Nokia Optical LAN
Command Center

Advanced management solution for Nokia Optical LAN for configuration, activation, fault reporting, maintenance and much more.

[Learn more](#)



SaaS professional and care services

Using a SaaS model for our advanced professional and care services means you can save valuable time and see results faster. As you learn and grow, you can smoothly transition to a full-service model.

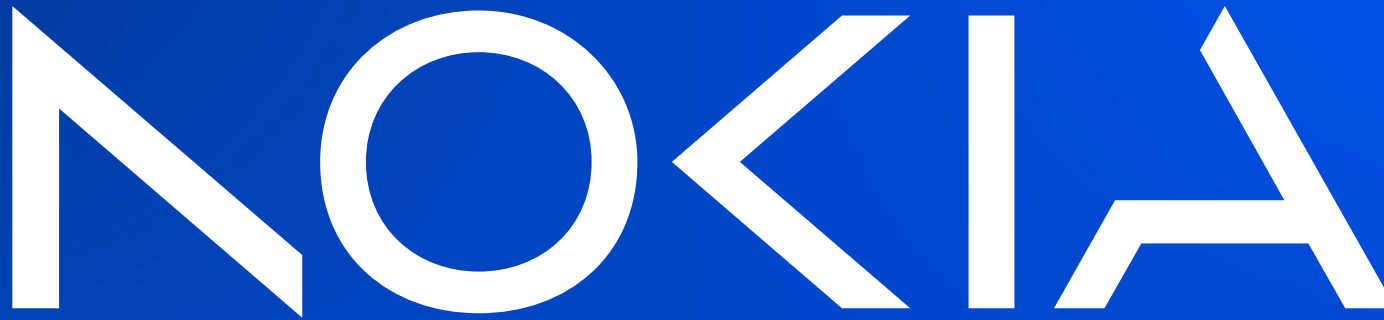
Available for

Nokia ONT Easy Start	Transform today's complex, multi-step ONT activations into an automated process for technicians or even customers. Learn more
Nokia Network Build Control Management	Manage end-to-end fiber network rollouts with automated processes and centralized control for faster and better results. Learn more
Nokia Predictive Care	Boost network performance and availability with advanced anomaly detection and insight for proactively resolving network problems. Learn more



Why Nokia

Nokia is the worldwide leader in fixed access technologies with over 20 years of industry-leading broadband experience. Operating in more than 130 countries and over 300 fiber projects worldwide. Nokia powers some of the most advanced fiber networks that are deployed by leading telecom service providers, as well as cable multiservice operators and municipalities. Nokia enables these and other customers to build a competitive advantage, enhance end-user experiences, and accelerate the move to a digital society.



At Nokia, we create technology that helps the world act together.

Through B2B networks that sense, think and act, we enable our customers, partners and technology innovators to create the digital services and applications of the future.

By pioneering the future where networks meet cloud, we are helping to realize the full potential of digital in every industry.

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Nokia OYJ
Karakaari 7
02610 Espoo
Finland

Tel. +358 (0) 10 44 88 000

CID:212523

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