









Optimize and Automate the Network with Nokia's 5G-ready AI-enabled Operational Analytics



Leveraging decades of telecom network knowledge, Analytics, Virtualization and Automation (AVA) by Nokia Cognitive Services (NCS) through partnership with Microsoft Azure, Carriers can now realize immediate cost savings while simultaneously transforming operations for the demands of new 5G applications. Offered as a service, "AVA on Azure" allows Carriers to move out of private data centers and securely, efficiently, and at scale, manage their networks using AI-enabled automation. 5G demands a new operations paradigm to meet diverse user requirements and SLAs; using artificial intelligence and the power of the cloud we solve the problem.

WHAT WE OFFER

<h3>Operational Efficiency</h3> <p>Cognitive operations augmenting human intelligence</p> <p>7 days advance warning of network issues</p>  	<h3>Network Analytics</h3> <p>Use real-time insights to improve network performance</p> <p>17% higher spectral efficiency</p> 	<h3>Subscriber Experience</h3> <p>End user quality of experience improvement</p> <p>59% reduction in buffering for US Carrier</p>  	<h3>Mobility Analytics</h3> <p>New revenues streams for Carriers by leveraging and enriching Telco data</p> <p>3M daily passengers using Singapore MRT</p>  	<h3>Transformation</h3> <p>Transformation thru best practices, processes and automation</p> <p>25% reduction in OPEX for European CSP</p> 
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WHAT OUR CUSTOMERS ARE SAYING

‘We are very pleased that Nokia and their Spectral Performance Management solution, using the latest innovations in AI and machine learning, help us to reduce the latency and increase capacity so that our customers can respond to their mobile games much quicker and enjoy superior video quality.’

- Desmond Cheung, CTO, Hutchison 3 Indonesia

LEARN MORE

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Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks

WHY AZURE



BE FUTURE-READY

Continuous innovation from Microsoft supports your development today, and your product visions for tomorrow. With 1000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data science tools.



BUILD ON YOUR TERMS

You have choices. With a commitment to open source and support for all languages and frameworks, build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.



OPERATE HYBRID SEAMLESSLY

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single identity platform trusted by 90% of enterprises globally.



TRUST YOUR CLOUD

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With a \$1B+ investment in security R&D and 3,500 cyber security experts, security is foundational for Azure.

NOKIA

Learn more: www.microsoftazure.com