Network management for small mobile networks: NetAct Compact™
NetAct Compact is an advanced, virtualized mobile network management system for small radio and core networks, as well as those used by enterprises and the public sector. Offering basic NetAct functions usually only found in larger networks, combined with software-only delivery, NetAct Compact is optimized for the operational and budget requirements of small mobile networks.
Small and powerful
Mobile operators continue to expect more from their network management systems. As networks expand to meet growing customer demand for mobile data, their complexity and operational workload are also exploding.

While maintaining network quality and reliability, mobile operators are under pressure to improve network efficiencies and lower operational costs to maintain profitability. They also face the need to ensure good network control in mission-critical and unexpected situations. Yet many small operators and non-traditional service providers have yet to be able to deploy the robust network management systems employed by bigger operators.

Nokia NetAct Compact fills this gap with a powerful solution offering all the tools needed to help improve network performance and enhance the customer experience. NetAct Compact also manages network complexity without compromising network and service quality and without increasing operational costs.

**Addressing a gap in the market**

For years, Nokia customers have deployed NetAct to manage their large and growing mobile networks. Listening to our customers’ needs and meeting them with the latest Nokia innovations has led to our network management system becoming the market leader. The NetAct management system has expanded to deliver both basic and highly sophisticated functions.

While NetAct has developed to cater for large mobile operators, smaller network operators have told us they want a network management system that meets their specific needs.

“**The scaled-down NetAct Compact solution supports smaller-scale LTE networks and is better matched for vertical market applications.**”

Glen Hunt, Current Analysis
October, 2016
For small networks – with the latest innovations

“This type of virtualized network can be a game-changer for smaller operators and developers looking to get into the connectivity piece of the IoT, so I look forward to seeing some real-world cases very soon.”

Ken Briodagh of IoT Evolution.

NetAct Compact is a state-of-the-art virtualized network management system for small mobile networks. It provides all the essential network management functionalities including NetAct Monitor, NetAct Performance Manager and NetAct Configurator.

Based on industry standards and an open architecture, NetAct Compact is a single management system with reduced administration, maintenance, and system integration costs.

**Monitor**
- Comprehensive, centralized monitoring toolset
- Robust and scalable to cope with future requirements
- Tailorable workspaces, ready-made profiles
- Alarm export to external tools

**Performance Manager**
- Reduced OPEX and increased efficiency - comprehensive, centralized reporting toolset
- A unified and scalable reporting environment
- Extension with advanced SW features, data storage and reporting

**Configurator**
- Simplified configuration management with same tools and processes
- Reduced operating costs by process automation, mass operations and elimination of human errors
- Full control of configuration change process

The solution is suitable for radio networks with up to 2,000 network elements and core networks with up to 500,000 subscribers.
No compromises
Operational 24*7
For small mobile networks, enterprises, and mission critical networks

NetAct Compact meets the operational and budget requirements of smaller operators, as well as organizations in public sector markets.
NetAct Compact: The network management choice for smaller networks

**Real-time network assurance and efficient troubleshooting.**
NetAct Compact improves your knowledge of the status and performance of your network, including trends and real-time analysis, allowing you to address issues before they become problems.

**Sophisticated network configuration and administration.**
NetAct Compact offers highly capable configuration management and administration. Automated workflows keep your network running 24 hours a day, seven days a week, delivering an exceptional customer experience.

**Future-proof network management.**
NetAct Compact offers software only delivery aligned to your data center strategy. It also supports your transition to the cloud, offering a single view of your network.

**Virtualized software platform.**
NetAct Compact is based on a virtual platform.
Why Nokia?

Nokia NetAct is the first major virtualized network management solution, with 5G readiness for the management of mobile networks. The solution comprises best-in-class tools for assurance, troubleshooting, administration, security, software management, and configuration management.

Nokia NetAct gives a single, consolidated, and comprehensive view of any network — even the most complicated multi-domain, multi-technology system. Nokia NetAct is virtualized for minimal downtime and resilience, in addition to providing full visibility and control of the network — whether traditional or cloud-based.
Why Nokia?

470+ global customer base

Nokia is the industry-leading network management system provider with more than 470 active Nokia NetAct operators globally. We are a trusted vendor for operators who want to make the most of their network.

Reduction in performance reporting tools 5 to 1

Nokia NetAct has effectively combined the functionality of five reporting tools into one sophisticated Performance Management tool, reducing complexity and cost for operators.

18 to 1 reduction in monitoring tools

Nokia NetAct has merged the number of different monitoring tools and applications into one, increasing usability and simplicity and making workflows faster and easier to learn.

Reduction in human error with automation

Increased automation and smooth usability of applications decreases errors and mistakes, saving on operating expenses.
NetAct Compact: network management for small and business critical networks

NetAct Compact is available today. Ask us to uncover the right network management system for your network or visit our website for more information on our NetAct portfolio.
About Nokia
Nokia is a global leader in the technologies that connect people and things. Powered by the innovation of Bell Labs and Nokia Technologies, the company is at the forefront of creating and licensing the technologies that are increasingly at the heart of our connected lives.

With state-of-the-art software, hardware and services for any type of network, Nokia is uniquely positioned to help communication service providers, governments, and large enterprises deliver on the promise of 5G, the Cloud and the Internet of Things. http://nokia.com

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