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ERICSSON

VMware and Ericsson Provide a Safe Path to the Telco Cloud

Communication service providers (CSPs) today are under tremendous pressure to add new services, increase agility, speed the transition to 5G and the Internet of Things (IoT), and still turn a profit. The question on everyone's mind is what is the best path forward, especially when there's no room for error? VMware® and Ericsson are collaborating to make the shift to virtualization easy for CSPs. The two leaders are championing production deployments of Ericsson virtual network functions (VNF) on the VMware vCloud® NFV™ platform, and it works—seamlessly. Ericsson VNFs, certified and system-verified on VMware vCloud NFV via the global alliance between the two companies, make a fully virtualized NFV infrastructure available to CSPs in a faster and more cost-effective manner. This collaboration is focused on driving technical interoperability. From a business, commercial, and support perspective, both VMware and Ericsson remain responsible for its respective product and service offering.

An alliance with benefits

— Accelerate time to value, time to market, and time to profits
— Drive telco cloud adoption to prepare for the future of 5G and IoT
— Simplify management and operations
— Mitigate risk while driving greater efficiency and agility
— Compete more effectively with over-the-top players
— Enable your network to provide an outstanding customer experience
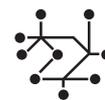
Proof in numbers

40+
CSPs running live production mobile networks with Ericsson VNFs on a VMware vCloud NFV platform

390+
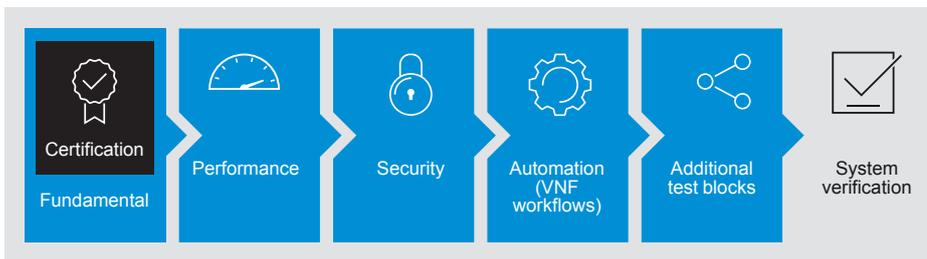Ericsson VNFs in production deployment on VMware vCloud NFV. (23 unique VNFs, as of November 2019)

75+
Ericsson BSS deployments on VMware

Accelerate

Drive

Simplify

Mitigate

Compete

Enable

Testing to ensure carrier-grade reliability

Ericsson VNFs on VMware are tested, validated, and performance-tuned via a joint, two-part certification and system verification process that ensures the companies are bringing substantial value to carriers.

While the VMware Ready® for NFV Certification process ensures that Ericsson VNFs work effectively with VMware vCloud NFV, Ericsson's system verification process takes testing to a much deeper level. VNFs move from fundamental and performance testing to resilience and security testing, automation of workflows, and eventually through additional test blocks or use cases to provide carriers with the assurance needed today. VMware and Ericsson are jointly invested in ensuring that their combined solutions scale to meet the requirements and demands of telco clouds at any scale.

Testing scope

Scope of testing	VMware ready for NFV	Ericsson system verification
Passed specific VMware integration and interoperability test suite and earned "VMware Ready for NFV" certification	✔	
Ensures compatibility with ETSI-compliant VMware vCloud NFV platform	✔	
Ensures that CSPs can rapidly onboard and deploy NFVs with the VMware vCloud NFV platform	✔	
In-depth system verification performed on Ericsson-specific reference configuration against pre-defined test specification		✔
Detailed functional verification		✔
Stability testing		✔
High load/overload performance testing		✔
Robustness testing		✔
Detailed documentation of reference configuration and validation test results in Ericsson System Test report		✔

"We have worked jointly with Ericsson and VMware for many years, and have implemented Ericsson's EPC, PCRF, UDC, IMS, and MSC virtual network functions on VMware vCloud NFV. The combination of software from both companies accelerates time to market for new services and enables our customers to fully embrace the opportunities of services like VoLTE and 4G/5G."

Matt Beal,
Head of Technology,
Strategy, and Architecture
Vodafone Group

The race to 5G is on. As more carriers recognize that the fastest path to new services and cost optimization is through the telco cloud, your best option is to partner with a truly powerful team.

VMware, the leader in cloud virtualization, and Ericsson, an undisputed leader in the telecommunications service provider market, provide a safe solution that can speed your time to market, accelerate your profitability, and get you there with the least amount of risk.

What's next?

Contact your VMware and Ericsson sales representatives to see how these companies can help accelerate your telco cloud journey,
or email telconfv@vmware.com.