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## SWISSCOM SELECTS ERICSSON FOR TELCO CLOUD INFRASTRUCTURE AND NFV OF CORE NETWORK FUNCTIONS

- Swisscom to deploy full stack telecom cloud solution for its core network functions, including Network Functions Virtualization and software-defined networking from Ericsson
- Deployment will maximize the agility, efficiency and performance of Swisscom's network while accelerating service launches
- Transformation ensures a 5G ready core, and can scale to meet demands of the Internet of Things

Ericsson (NASDAQ: ERIC) has been selected as supplier by telecommunications operator Swisscom to transform its core network in Switzerland through the deployment of a telco cloud infrastructure and virtual network functions of its mobile core.

Under the terms of the agreement, Ericsson will deliver a range of solutions, including Ericsson Hyperscale Datacenter System 8000, Cloud Execution Environment, Cloud SDN and Cloud Manager.

Ericsson will also provide virtualized network functions (VNF) for Swisscom core network, including complete virtual Evolved Packet Core and virtual IMS which will be managed by the Ericsson Network Manager. Additionally, Ericsson will provide Swisscom with systems integration services.

By introducing cloud capabilities into Swisscom's network, the operator will be able to maximize the agility, efficiency and speed of its infrastructure. For example, by using Virtual Network Services for services such as mobile broadband, VoLTE and Wi-Fi calling, Swisscom can scale the network differently for different services, as well as bring innovative services to market faster in response to changing consumer demands.

In addition to consumer offerings, Swisscom will be able to develop industry applications and Internet of Things (IoT) services targeting a wide range of enterprises and sectors. The transformation ensures the operator's network has a 5G-ready core and can be scaled as IoT adoption increases.

Daniel Staub, Head of Joint Mobile Group, Swisscom, says: "With the Implementation of core elements in the cloud solution, we confirm our important and strategic partnership with Ericsson, which we have announced end of last year. The collaboration has already impact on main components like Radio Access and Mobile Core, now also on the Network Functions

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Virtualization, which will bring our customer additional benefits like simplified scaling of hardware elements as well as speed and agility in their product development.”

Anders Lindblad, Head of Business Unit Cloud & IP, Ericsson, says: “By bringing agility, efficiency and speed to networks everywhere, cloud is a key enabler of the Networked Society. This agreement with Swisscom is a great example of how Ericsson’s cloud transformation capabilities help our customers to capture these benefits and turn them into effective differentiators.”

**Ericsson Cloud solutions:**

Ericsson Hyperscale Datacenter System 8000 is a new generation of datacenter system which uses disaggregated hardware architecture for better resource utilization. The initial focus is on complete operator cloud transformation for network functions virtualization, IT and commercial cloud operations.

Ericsson Cloud Execution Environment is based on OpenStack and supports applications including virtual network functions from Ericsson and third parties. Ericsson is a platinum member of OPNFV, with the aim of speeding up the implementation of network functions virtualization.

Ericsson Cloud SDN brings the power of programmability and automation to networks, to fully realize the potential of a cloud-based architecture for applications and network functions.

The Ericsson Cloud SDN solution is powered by the Ericsson SDN controller, which is a commercial (hardened) version of the open source OpenDaylight SDN controller.

Ericsson Network Manager brings its unique capability of hybrid network management, managing both physical & virtual network functions and providing a common view of network resources and services across multiple network technologies and life cycle management of VNF’s.

**[Ericsson at Mobile World Congress 2016](#)**

During Mobile World Congress 2016 in Barcelona, Ericsson will showcase its unique industry insights, the latest innovations and inspirational discussions that enable powerful new business opportunities. We are in the midst of the societal transformation we call the Networked Society: a society in which mobility, broadband and cloud empower every person and every industry to reach their full potential. Opportunity is everywhere, and companies are transforming according to the role they have chosen to play in the value chains and ecosystems of the Networked Society.

Join us in our Hall (Hall 2, Stand 2N60) to learn about 5G, the Internet of Things and cloud, and to discuss the impact digital transformation can have on people, business and society.

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*Ericsson is the driving force behind the Networked Society – a world leader in communications technology and services. Our long-term relationships with every major telecom operator in the world allow people, business and society to fulfill their potential and create a more sustainable future.*

*Our services, software and infrastructure – especially in mobility, broadband and the cloud – are enabling the telecom industry and other sectors to do better business, increase efficiency, improve the user experience and capture new opportunities.*

*With approximately 115,000 professionals and customers in 180 countries, we combine global scale with technology and services leadership. We support networks that connect more than 2.5 billion subscribers. Forty percent of the world's mobile traffic is carried over Ericsson networks. And our investments in research and development ensure that our solutions – and our customers – stay in front.*

*Founded in 1876, Ericsson has its headquarters in Stockholm, Sweden. Net sales in 2015 were SEK 246.9 billion (USD 29.4 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.*

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