

---

## ERICSSON AND VODAFONE DEPLOY FIRST CLOUD-BASED VOLTE AND WI-FI CALLING IN THE NETHERLANDS

- Ericsson upgrades Vodafone Netherlands' core network to enable VoLTE and Wi-Fi calling
- The solution is based on commercial NFV deployment of IMS and EPC, offering a carrier-grade VoLTE and Wi-Fi calling service
- Use of virtualization enables Vodafone to launch new communication services rapidly

Ericsson (NASDAQ: ERIC) and Vodafone Netherlands have deployed the country's first cloud-based and fully virtualized Voice over LTE (VoLTE) and Wi-Fi calling solution.

Wi-Fi calling enables operator voice services to be provided in more locations, such as indoor environments like basements, by complementing macro network coverage. VoLTE offers fast call set-up times and high-definition (HD) voice quality while facilitating a broader range of IP-based communication capabilities, such as video calling over LTE and multi-device support.

As a result of the deployment, Vodafone Netherlands can now provide a superior experience for users of mobile video communication services compared with similar services delivered over internet access.

The solution is based on a commercial Network Functions Virtualization (NFV) deployment of Ericsson IP Multimedia Subsystem (IMS) and Ericsson Evolved Packet Core (EPC). The complete cloud-based solution also includes Virtual Network Functions (VNF) for Wi-Fi calling, policy control and application server domain.

Matthias Sauder, Head of Networks, Vodafone Netherlands, says: "Network virtualization brings huge opportunities for efficiency and agility. It will allow us to introduce new services more rapidly to our subscribers. We are very pleased with Ericsson's support in deploying NFV in our network in the Netherlands, which will now enable swift launches of new IP-based communication services for our customers."

Valter D'Avino, Head of Western and Central Europe, Ericsson, says: "Ericsson has deployed a VoLTE and Wi-Fi calling system that can automatically scale within a telecom cloud and fulfill telecom-grade service availability. It provides Vodafone with a complete solution to evolve their voice and SMS business toward an all-IP communications network based in the cloud".

## PRESS RELEASE

MARCH 11, 2016



---

“This is a great example of how operators everywhere can leverage cloud and virtualization technologies to explore new business opportunities.”

The unique end-to-end VoLTE and Wi-fi calling overlay network includes VNFs for the Ericsson IP Multimedia Subsystem with Ericsson Multimedia Telephony Application Server, Ericsson Call Session Control Function, Ericsson Evolved Packet Core with Ericsson Evolved Packet Gateway, Ericsson Wi-Fi Mobility Gateway and other Ericsson control and authentication functions.

### NOTES TO EDITORS

[Ericsson IMS](#)

[Ericsson Mobile Telephony Evolution to VoLTE](#)

[Ericsson Wi-Fi calling](#)

For media kits, backgrounders and high-resolution photos, please visit

[www.ericsson.com/press](http://www.ericsson.com/press)

*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.*

[www.ericsson.com](http://www.ericsson.com)

[www.ericsson.com/news](http://www.ericsson.com/news)

[www.twitter.com/ericssonpress](https://www.twitter.com/ericssonpress)

[www.facebook.com/ericsson](https://www.facebook.com/ericsson)

[www.youtube.com/ericsson](https://www.youtube.com/ericsson)

FOR FURTHER INFORMATION, PLEASE CONTACT

PRESS RELEASE  
MARCH 11, 2016



---

Ericsson Corporate Communications

Phone: +46 10 719 69 92

E-mail: [media.relations@ericsson.com](mailto:media.relations@ericsson.com)

Ericsson Investor Relations

Phone: +46 10 719 00 00

E-mail: [investor.relations@ericsson.com](mailto:investor.relations@ericsson.com)