

# Vodafone Netherlands Case Study

“Metaswitch offers the future-proof flexibility required to enable Vodafone to create and migrate differentiated services that fit our business and consumer customer’s needs.”

— Roger Curfs, IT Project Lead LTE, Vodafone Netherlands

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## Business Objective

To be early to market with LTE and accelerate their readiness to launch by ensuring the experience of 4G connected users remains unchanged.

## The Challenges

- Achieve short time to market goals for LTE without risk of degrading voice user experience and risking any loss of services
- Need to phase LTE implementation, but no standards-based solution for synchronising subscriber data settings between 4G and 3G networks
- Identify a flexible solution that delivers low downstream costs and minimal delays to bridge the gap in standards

## The Solution

Adaptable HLR/HSS Interface – Open and configurable signalling solution that can easily be integrated into the network

## Key Points

- Extensible and flexible solution that fills the gap in the 3GPP standards
- Ensures consistent authentication data across both networks, enabling LTE subscribers to make and receive calls when connected to the 3G network
- Open architecture and use of common resources minimises incremental investment required to provide additional telecom service layer functions

## Solution Benefits

- Offers a low cost, low risk solution, requiring minimal engineering effort to support a phased implementation of LTE voice services ahead of a standards based solution
- Avoids the need to invest in legacy HLR infrastructure or expensive customisation by enabling parallel operation of both the HLR and HSS
- Enables early roll-out of LTE voice services by providing LTE subscribers with the same service experience when out of 4G coverage
- Future-proof flexibility enables easier creation and migration of differentiated business and consumer services to LTE without prescribing a need for a new HSS

## Net Results

- Reduces costs and timescales for creating and deploying new convergent services through re-use of existing in-house skills
- Open nature of Metaswitch’s product meets Vodafone’s longer term strategy by providing the freedom to evolve and enhance services themselves
- Offers the potential for ensuring correct operation of advanced voice services as users move in and out of 4G coverage areas

## About Blank

Vodafone Netherlands is part of the Vodafone group and 2nd largest mobile operator in the Netherlands with 15+ million (mobile) connections. The Netherlands have a population of 17 million citizens.