

Title: Operators HSPA experience and path towards LTE

Main topics:

- Global HSPA deployment
- Problem of rising traffic and how it can be solved
- Services aspect
- HSPA+ upgrade to mobile broadband
- Looking forward to LTE and 4G

Abstract:

The purpose of this presentation is to show how widely spread is HSPA technology globally today and what are the prospects of its upgrades. HSPA networks can rightfully be declared as mobile broadband and such networks already compete with ADSL landline networks. Only several services like video streaming can really use full potential of this kind of network.

As traffic in HSPA networks rises dramatically, operators have to cope with it in different ways. Strategies to limit or reroute the traffic are different. Some operators are using some traffic limitation rules, some try to not set any limits and some are trying to find solution in femto-cells.

With latest upgrades to HSPA+ and peak downlink speeds going beyond 20 Mbit/s, mobile broadband is setting new standards and threatens to completely replace copper lines. New standards emerge to get mobile broadband to next generation. This will be reached only after LTE with LTE-Advanced technology.