

Title: Operators HSPA experience and path towards LTE

Main topics:

- HSPA deployment experience
- Actual data transfer speeds experienced by user
- Services on HSPA
- Experience with WLAN / WiMAX deployment
- HSPA+
- LTE and 4G

Abstract:

In my presentation I plan to shortly describe deployment path Mobitel took with HSPA and experience user have with Mobitel's network. Mobitel is largest mobile operator in Slovenia. I will show measured speeds in different HSPA networks and talk about reasons why speeds are lower then declared maximum data transfer speeds.

Such high speed mobile network as HSPA can be declared as mobile broadband and is already comparable with ADSL wireline access. Only several services like Mobile TV can really use full potential of this kind of network.

There are alternative wireless technologies which rival HSPA. I will specifically talk about Mobitel's experience with WiFi and WiMAX and explain why this technologies are perceived as complementary to HSPA. I will also talk about problems experienced during deployment of WiFi and WiMAX networks.

There is path forward from existing HSPA networks towards much faster LTE mobile networks. I will talk about what are options for the future and what can we expect from LTE.