

Submission to the ITU-BDT Sub-Regional Seminar on IMT-2000 for the CEE & Baltic States

Topic Area: Session 3.4: Evolution to IMT-2000

- 3.4.3 Technology Options for the Evolution of Existing Mobile Systems to IMT-2000

Title: IMT-2000 technology in 450 MHz spectrum – Telemobil case study

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Abstract:

The presentation will focus on Telemobil practical case study on the migration of its Romanian operation from NMT450 to CDMA450 technology. Telemobil being the first CDMA450 operator starting 2001 has been extensively exposed to various technology and business related challenges while is continuously accumulating a valuable experience in successfully dealing with them. A significant part of this learning should be considered valid for other deployments in similar environments and could be suggested as field proven concepts to those whom may concern, from investors and operators to regulators and governments which are considering a similar path.

In addition, the presentation will highlight the IMT-2000 positioning on Romanian wireless market and justify the presence of CDMA450 technology as filling a gap while covering several niche market needs, currently not served by the existing technologies/deployments. Starting from a simple concept of using state-of-the-art digital technologies into a very tight and inexpensive spectrum like 450 MHz, Telemobil case is able to demonstrate a viable solution to provide the necessary coverage, capacity and valuable services for significant market segments left underserved in many countries.