International
Telecommunication
Union

ITU-T Workshop
on Mobile Telecommunications and Fixed/Mobile Convergence – the realities going forward

12-14 SEPTEMBER 2005, KYIV, UKRAINE

Introduction

ITU-T Study Group 19 (SG19) will, in collaboration with the Ukrainian National Commission for Communications Regulation, organize a workshop in Kyiv, Ukraine, from 12 to 14 September 2005. The topic will be **mobile telecommunication networks and next-generation networks** (NGN), and the workshop will be primarily for European countries and countries of the region.

This workshop will offer several tutorial sessions on mobile/NGN technology and ITU (ITU-T and ITU-R) standardization, and will examine the current status and future evolution of rollout, policy, technology and applications. It will also share various case studies with the countries of this region, and hold a panel discussion to identify the needs of the region as well as an appropriate action plan.

In many countries throughout the world, there are now more mobile users than fixed users. This increasing "fixed" to "mobile" shift requires an essential re-examination of the relationship between "fixed" and "mobile" networks, with "mobility" playing a key role in the development of next-generation networks (NGN).

The intention of this workshop is, therefore, to highlight the ongoing work in ITU and elsewhere concerning mobile telecommunication networks, in particular work on IMT-2000, fixed/mobile convergence and guidelines on the transition of existing mobile networks to IMT-2000/NGN.

The presentations will be made by ITU, key standards development organizations (SDOs), relevant forums/associations and ITU Sector Members.

Objectives

- Review the current status of IMT-2000 both in terms of standardization and rollout

For more information and online registration, please go to the workshop website at:
www.itu.int/ITU-T/worksem/imt2000/200509/index.html

- Create more awareness of the technical and policy issues concerning mobile telecommunication networks, fixed/ mobile convergence and NGN

- Identify ITU targets and further work topics for moving forward to meet the needs of mobility and network convergence

Documentation for this workshop, including presentations, as well as details and practical information provided by the host, is posted on the workshop website.

Simultaneous Russian/English interpretation will be provided by the host organization.

There is no charge for participation in the workshop but advance registration is required.

Programme

DAY 1, 12 SEPTEMBER 2005

09:30–10:00 REGISTRATION

10:00–11:00 SESSION 1.1: OPENING
- *Welcome Address* (Oleg Hayduk, Chairman of the National Commission for Communications Regulation of Ukraine)
- *Welcome Address* (Vasyl Gandabura, Administration of Ukraine)
- *Keynote Address* (Reinhard Scholl, Deputy to the Director of TSB)
- *ITU Standardization Activities in the New Telecommunication Environment* (Paolo Rosa, TSB)

11:00-11:30 COFFEE BREAK

11:30–13:00 SESSION 1.2: ITU FRAMEWORK
- *ITU-T: Activities on Mobile Communications Networks* (John Visser, ITU-T SG 19 Chairman)
- *Guidelines for Smooth Transition to IMT-2000* (ITU-D) (Bosco Fernandes, Siemens AG)
- *ITU-R: Mobile Convergence Issues (ITU-R)* (John Visser for Colin Langtry, ITU-R)

13:00-14:30 LUNCH BREAK

14:30-16:00 SESSION 1.3: INTERNATIONAL STANDARDIZATION FRAMEWORK
- *ETSI: A European Standards Organization Setting International Standards* (Adrian Scrase, ETSI)
- *ETSI: Technical and Economic Drivers for Convergence* (Adrian Scrase, ETSI)
- *ETSI: Progress in Developing Fixed/Mobile Standards* (Adrian Scrase, ETSI)

16:00–16:30 COFFEE BREAK

16:30-18:00 SESSION 1.4: INTERNATIONAL FORA/CONSORTIA FRAMEWORK
- *Convergence of Mobile and Wireless Broadband Networks – The Key Factor in New-Generation Services Market Development* (Andrei Skorodumov, Russian 3G Association)
- *European Union IPv6 Task Force* (Bosco Fernandes, Coordinator EUIPv6TF Steering Committee)
- *IPv6 Forum: The Two-Way Internet* (Bosco Fernandes, Member IPv6 Technical Committee)

DAY 2, 13 SEPTEMBER 2005

10:00–11:30 SESSION 2.1: CONVERGED NETWORKS

- *Fixed Network Evolution to NGN, Fixed Mobile Convergence* (James Cheng, Huawei)
- *Evolution Strategy Towards NGN* (Vladyslav Mamedov, Siemens, Ukraine)
- *ITU-T: Activities on NGN Architecture and Issues* (John Visser for Brian Moore, SG 13 Chairman, and Chae-Sub Lee, Focus Group on NGN Chairman)

11:30–12:00 COFFEE BREAK

12:00–13:30 SESSION 2.2: OPERATIONAL AND REGULATORY ASPECTS OF CONVERGENCE

- *Plans of Public Corporation "Ukrtelecom" for UMTS Network Deployment* (Igor Syrotenko, Ukrtelecom)
- *Evolution, the Way to 3G* (James Cheng, Huawei)
- *Migration to IMT-2000 in Developing Countries: the View of Policy-Makers and Regulators and Market Reaction* (Sudhir Gupta, TRAI, India)

13:30–15:00 LUNCH BREAK

15:00–16:30 SESSION 2.3: CASE STUDIES ON MOBILE NETWORKS IN A FIXED-MOBILE CONVERGENCE WORLD

- *Converged Services Framework in an NGN Environment* (Patrick Smith, Motorola, USA)
- *Case Study: WiMAX* (Udo Schick, T-Systems, Germany)
- *Case Study: Unified Licensing Regime in India* (Sudhir Gupta, TRAI, India)

16:30–17:00 COFFEE BREAK

17:00–18:30 SESSION 2.4: SECURE CONVERGED NETWORKS

- *Mobile Network Evolution to NGN* (John Visser, Nortel, Canada)
- *Operator Benefits with a Mobile NGN Architecture* (Jan Fischle, Alcatel)
- *Making Fixed/Mobile Convergence Work – A Project Approach* (Detlef P. Zaun, Avendi Consulting, Germany)

DAY 3, 14 SEPTEMBER 2005

10:00–11:30 SESSION 3.1: MARKET PERSPECTIVES

- *Prospects for UMTS systems implementation in Ukraine* (Volodymyr Oliynyk, Member of the National Commission for Communications Regulation of Ukraine)
- *Evolution of Existing Mobile Systems to IMT-2000 and Beyond* (Mikhail Krylov, QUALCOMM, Russia)
- *Unlicensed Mobile Access as an Example for Fixed Mobile Convergence* (Jan Fischle, Alcatel)
- *Meeting UNICT Open Telecommunications Access Goals Using SWANsat* (William Welty, SWANsat Project, USA)

11:30–12:00 COFFEE BREAK

12:00–13:30 SESSION 3.2: PANEL DISCUSSION AND WORKSHOP CONCLUSIONS

- *Panel discussion on the conclusions of the workshop, plus an opportunity for feedback from participants* (Session Chair – John Visser, ITU-T SG 19 Chairman)

13:30 WORKSHOP ADJOURNS

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For updated information, please see: **www.itu.int/ITU-T/worksem/imt2000/200509**

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