



ITU-T Workshop on New Horizons for Security Standardization

3-4 OCTOBER 2005, ITU HEADQUARTERS, GENEVA, SWITZERLAND

Introduction

An ITU-T workshop – New Horizons for Security Standardization – will take place at ITU Headquarters, in Geneva, on 3 and 4 October 2005.

Objectives

The overall objectives of the workshop are to help advance the IT security standardization work and to promote increased cooperation between organizations engaged in the development of security standards. In particular, the workshop will:

- Provide an overview of key security standardization activities in ITU-T, ISO and IETF as well as various consortia and regional standards development organizations (SDOs);
- Seek to find out from stakeholders (e.g. network operators, system developers, users, etc.) their primary security concerns/issues (including possible issues of adoption or implementation of standards);

- Try to determine which issues are amenable to a standards solution and how the SDOs can most effectively play a role in helping address these issues;
- Identify which SDOs are already working on these issues or are best equipped to do so; and
- Consider how SDOs can collaborate to improve the timeliness and effectiveness of security standards and avoid duplication of effort.

Written contributions are also invited on any of the programme topics or closely-related topics. This will permit those who are not able to attend the workshop and those who do not feel able to speak on a topic to contribute. Copies of the written contributions will be made available in the workshop proceedings.

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

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Programme highlights

(MONDAY 3 AND TUESDAY 4 OCTOBER 2005)

The role of standards in telecommunications and IT security

- Security standardization in an evolving threat environment – **Bill McCrum**, Industry Canada
- Overview of security standards work – **Russ Housley**, IETF, **Ted Humphreys**, ISO, **Koji Nakao**, ITU

Key areas of security standards focus

- Signature and authentication standards for secure e-business – **Marijke De Soete**, ISO/IEC JTC1/SC27
- NGN multimedia security – **Martin Euchner**, ITU-T SG16, Rapporteur Q.25/16
- GSM standards – **Charles Brookson**, ETSI

Emerging technical issues

- Wireless security: can wireless and wireline security be unified? **Zhi Zhou**, China Mobile (China)
- RFID and the ubiquitous sensor network – **Kyoil Chung**, ETRI (Korea)
- Trusted computing platform (including trusted mobile platform) – **Abbie Barbir**, Nortel (Canada)

Stakeholder perspectives

A panel of stakeholders representing standards users (e.g. network operators, developers, transaction processors and administrations/regulators) will try to address some of the key questions concerning development and use of security standards.

Key network security issues – some regional and consortia perspectives

Speakers from ATIS, OASIS, RAISS Forum and 3GPP

Overview of some specific areas of current interest for security standardization

- Information security management for networks – **Angelika Plate** and **Ted Humphreys**, ISO/IEC JTC1/SC27
- SS7 and the vulnerability of the networking infrastructure – **Michel Leber**, Tekelec France
- Security of voice in an IP environment – **Xiaofeng Huang**, France Telecom

Security standards for the developing countries and countries with economies in transition

Raphael Nlend (Cameroon)

Refining the focus and the processes for security standardization

Panel discussion and interactive session

Improving the effectiveness of the security standards process: next steps and conclusions

Panel discussion and interactive session

For updated information, please see: www.itu.int/ITU-T/worksem/security/200510

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Organized by:

