

ITU-T Workshop

“New Horizons for Security Standardization”

Abstract

Geneva, 3 –4 October 2005

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Session: **1: The role of standards in telecommunications and IT security**

Title of Presentation: **Security standardization in an evolving threat environment**

Security standardization faces significant challenges as our communications infrastructure continues to evolve at a rapid pace. Next generation threats are emerging to exploit network and social vulnerabilities. Although there is increasingly strong economic and social dependence on our communications technology infrastructure, user trust and confidence in the networks will be jeopardized unless we can adequately respond to these threats. Security standardization is fragmented, resources are limited, and available expertise is scattered amongst a wide set of national, regional, and international SDOs, fora and consortia. Our challenge is to establish effective collaboration and cooperation within the security standards community.

The presentation examines the requirements for trust and confidence in the communications infrastructure. The evolving network and threat taxonomy is reviewed. Security standardization efforts and current issues are highlighted. Possible approaches to address these issues conclude the presentation.