

ITU-T Workshop

“Opportunities and Challenges in Home Networking”

Abstract

Geneva, 13 – 14 October 2005

Speaker: Toby Nixon
UPnP Steering Committee Chairman

Session: **2: Home Network Architecture and Technologies**

Title of Presentation: Seamless home networking using UPnP and DLNA technologies

The UPnP Forum defines protocols for interoperability of network-connected devices based on Internet standards such as TCP/IP, HTTP, XML, and SOAP. UPnP standards have been published for configuration and control of device classes such as internet gateways, wireless access points, media servers and renderers, printers, scanners, environmental systems, lighting, and digital security cameras, and for features including device security, remote user interface, and QOS. The Digital Living Network Alliance (DLNA) defines guidelines for interoperability of digital media devices in the home based on UPnP technology and other open industry standards. This presentation will discuss the status and progress of the work of these organizations, provide a technical overview of their specifications, and survey products based on those specifications.