



ISO/IEC JTC 1/SC 25/WG 1 N 982

Date: November 25, 2001

**ISO/IEC JTC 1/SC 25/WG 1
Interconnection of Information Technology Equipment
Home Electronic System**

Title: ISO/IEC JTC 1/SC 25/WG 1 Liaison to ITU-T, SG-9

Source: ISO/IEC JTC 1/SC 25/WG 1

Project: Project: 25.01

Status: Liaison report

Requested Action: Distribute

Distribution: ISO/IEC JTC 1/SC 25, ITU-T, SG-9

Response to Liaison Letter from ITU-T, SG-9 Issued March 9, 2001

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SC 25 Plenary
Resolution 25:12/10
August 31, 2001

Thank you for your correspondence sent via SC 25 to WG 1 regarding coordination of the work of ITU-T, SG-9 and SC 25/WG 1.

SC 25/WG 1 is writing standards related to home networks that we believe complement the work of ITU-T, SG-9. Our key projects include:

- The residential gateway called HomeGate to facilitate the delivery of services directly to appliances and devices in the house. The architecture of HomeGate supports one or more physical units linking external services with home application domains. Each gateway supports firewall provisions for user privacy and to enforce service agreements between suppliers and consumers.
- Application interoperability to encourage manufacturers to develop products that can provide interoperable functions in a networked home. We have prepared models of popular home system applications, including a common taxonomy and lexicon to classify and describe key functions.

HomeGate is specified to accommodate a variety of wide area network technologies including cable TV delivery of streams. Additional wide area network delivery mechanisms are allowed so a variety of service providers are supported. Please see Document #1 (URLs for all documents are listed below), the Final Committee Draft (FCD) of ISO/IEC JTC 1/SC 25/N 734, FCD 15045-1, "Information technology - Home Electronic System (HES) - Part 1: A Residential gateway model for Home Electronic

System." This FCD is circulating among the national bodies of SC 25 for ballot with a due date of January 9, 2002.

In July 2001 SC 25 approved a New Work Item and accompanying CD for a broadband in-home network that is fully capable of carrying data streams that may be delivered via cable TV. Please see Document #2 for the approved New Work Item, ISO/IEC JTC 1/SC 25/N 693, Proposal for a New Work Item, "A Broadband Home Network for the Home Electronic System (HES)," and Document #3 for the CD, ISO/IEC JTC 1/SC 25/N 694: CD 20587, "A Home Network for the Home Electronic System (HES)." This CD, approved by the national bodies of SC 25, includes a reference implementation based on EIA-851, the Versatile Home Network (VHN), developed by the Electronic Industries Alliance / Consumer Electronics Association (EIA/CEA). Comments received on the New Work Item Proposal and the CD will be resolved at the next WG 1 meeting in Boston scheduled for January 21 to 25, 2002. Please see Document #4 for the meeting notice, ISO/IEC JTC 1/SC 25/N 755, "Meeting announcement and Draft Agenda for the 36th meeting of SC 25/WG 1, 2002-01-21/25 in Boston, USA."

Your comments and participation would be welcomed since the envisaged standard relates directly to specifications developed by ITU-T, SG 9. We would very much like to work with your experts to determine how to accommodate the technical issues raised in your questions about our standards. Through this means we can achieve our common goal of writing standards that are useful and help promote the growth of the home systems industry.

URLs for documents referenced:

Document #1: <http://sc25wg1.metrolink.com/25n734.pdf>

Document #2: <http://sc25wg1.metrolink.com/25n693.htm>

Document #3: <http://sc25wg1.metrolink.com/25n694.pdf>

Document #4: <http://sc25wg1.metrolink.com/25n755.zip>