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ISO/IEC JTC 1 SC 25

Gerd Weking, SC 25 Chair

Dr Walter von Pattay, SC 25 Secretariat

2009 JTC 1 Plenary

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what is new:

- work items
  - 18012-2: Intelligent home - Guidelines on product interoperability revitalised
  - 14763-3: Cabling - 2nd Ed. Testing of optical fibre cabling
  - 14763-2-1: Cabling - Identifiers within administration systems
  - 14165-261: Fibre Channel – Link Services (FC-LS)

- participants
  - New O-member countries:
    - Colombia
    - Croatia

what is new:

- Liaisons – Requests for external liaisons with:

  - ETSI TC ATM   Access, Terminals, Transmission and Multiplexing   Cat. C
    e. g. ISO/IEC 29104-x

  - UPnP   Universal Plug and Play   Cat. C
    ISO/IEC 29351

  - GridWise Architecture Council   Cat. C
    Intelligent home ISO/IEC 14543-x-y and others

  - Broadband Forum   Cat. C
    e. g. ISO/IEC 29104-x

user engagement

- ## participation
  - Crisis has some impact on SC 25: Meeting participation dropped by less then 10% (Plenary and WG 2008-10 to 2009-09)

- ## requirements addressed
  - Increase consistency / interoperability in areas with competing solutions
  - deliver quality: specifications that are complete, clear unambiguous

- ## challenges - Improve energy efficiency
  - With cabling tuned to applications like Data Centers in cooperation with the related application and components committees and with input from ETSI
  - Effect of smart metering is multiplied in dialog with consumers in the house using cabling and protocols specified by SC 25
  - SC 25 contributes to Smart Grid at the place were the power is consumed (see also http://www.iec.ch/zone/smartgrid/)

known implementations

- HES: Attention by industry and governments in energy management and carbon footprint will expand the market for home networking applications

- The market for office cabling has accepted the principles of generic cabling as specified in ISO/IEC 11801, the need for higher speed now emerging 10 Gbit/s. A Technical Report that allows to quality installed channels for 10GBASE-T has been published

- Some of the most widely used IT standards in the world were adopted and have been made available to ISO and IEC for referencing

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outreach

- press releases
  - beyond normal announcements by ISO & IEC
- articles
  - ISO Focus April 2009: "Peer-to-peer connectivity made easy" when ISO/IEC 29341: UPnP device architecture, was published
- presentations at
  - Home systems conferences
  - Utility "smart grid" conferences

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outreach

- citing by external sources
  - IEEE 802.3 references SC 25 documents already when under consideration.
  - Generic cabling standards from SC 25 are the pattern for standards worldwide,
    e. g. TIA/EIA 568, EN 50173.
  - US INCITS, the source of SCSI and Fibre Channel harvest the added value from international standardization.

Challenges 1:

- impediments to success: interruption of ongoing work, e.g. liaison statement from JTC 1 SGSN to JTC 1/SC 25

  - SC 25 instructs its secretary to forward its report on Oslo SGSN (SC 25 N 1681) to JTC 1 together with the request for a clear definition of Sensor Networks.

  - SC 25 further requests that the scope for any new working body on Sensor Networks within JTC 1 excludes the work in SC 25 e. g. on intelligent homes.

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Challenges 2:

- impediments to success: work in other committees, concerns of inconsistency:
    - IEC TC 100:
      100/1526/CDV: IEC 62514: Guidelines for Multimedia Gateway in Home Networks (TA9)
    - IEC TC 59:
      59/537/NP: Guidelines for Networked Home Appliances

issues or needs 1

- SC 25 appreciates the progress in:
    - presentation of its program of work on the ISO home page, that is linked to the SC 25 homepage in the IEC
    - Accessibility of SC 25/ WG experts to the "Collaboration tools"
- SC 25 requests:
    - the full history of its projects being available in the format as for IEC committees
    - SC 25 asks ITTF for automatic means to acquire such data as provided by electronic voting.

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issues or needs 2

- SC 25 instructs its chairman to make JTC 1 aware about its disappointment with the ISO-IEEE PSDO Agreement:
  - Two Fast Track procedures are applicable to SC 25 having deviating procedures
  - Fast Track PSDO Agreement:
    - 30-day ballot which shall decide:
      - the need for an ISO International Standard on the subject
      - the submission of the proposal for FDIS ballot.
    - No ballot resolution meeting under PSDO Agreement

2010 - next SC 25 plenary:

- Seattle, USA, 2010-10-22
    - week after IEC General Meeting
    - same week as INCITS T11

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