

ITU and international standards collaboration

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Outline

- **ITU outline and status**
- **Bridging the Standardization Gap**
- **International Cooperation**



ITU Structure

- **ITU-T**: Efficient, right-time production of international telecommunication standards
- **ITU-D**: Technical assistance to developing countries to develop telecommunication networks and services
- **ITU-R**: Coordinate radio communications, radio-frequency spectrum management and wireless services



ITU Membership Status – 2006/2007

- **191 Member States**
 - ▶ **35 from the Americas; Contributing US\$ 16 Million/year in dues to ITU**
 - ▶ **36 from Asia-Pacific; Contributing US\$ 20 Million/year in dues to ITU**
- **~ 1100 Sector Members and Associates**
 - ▶ **~ 310 are from the Americas; Contributing US\$ 5 Million/year in dues to ITU**
 - ▶ **~ 200 are from Asia-Pacific; Contributing US\$ 4 Million/year in dues to ITU**



Some Key ITU Programs

- Assist members in developing and deploying new technologies effectively
- Continue studies to meet the need for public protection and disaster relief
- Bridge the standardization gap between developing and developed countries
- Free electronic access to ITU-T telecom Recommendations – trial from Jan to Sept 2007
- Highlight the contribution of Information and Communication Technology to development
- Extensive program of workshops and seminars – all free



ITU-T hot topics

- Next generation network (NGN)
 - Based on Internet technology
- Home networking
- Cybersecurity including identity management (IdM)
- Ubiquitous networks – any service, everywhere, anytime
- Broadband access
- Fibre optics



ITU-T products

- Over 200 Recommendations approved per year, adding to more than 3100 in force
- About 95% are approved by an “Alternative Approval Process” that cut approval time from more than 2 years, to 10 months and then to less than 10 weeks, and saved millions of dollars at the same time
- ITU-T produces common texts with ISO/IEC, and references standards of other SDOs to avoid duplication
- Cooperation and collaboration is essential between ITU-T and other standards bodies



Bridging the standardization gap

- **ITU-T is tasked with providing advice on:**
 - **Increased representation and participation in standards-making from developing countries**
 - **Developing understanding of key standards technologies**
 - **Promotion of standards for key points of interconnection of telecom networks**
 - **Adoption of standards in national regulations**



Regional Presence

■ 5 ITU Regional Offices:

● Americas Region

▶ Brasilia, Brazil - Regional Office

● Bridgetown, Barbados – Area Office

● Santiago, Chile – Area Office

● Tegucigalpa, Honduras – Area Office

● Asia-Pacific Region

▶ Bangkok, Thailand – Regional Office

● Jakarta, Indonesia – Area Office

● Africa Region

● Europe & CIS Region

● Arab Region



Regional Presence

- **Regional Organizations coordinate with their members for ITU policy-level meetings**
 - **APT (Asia Pacific)**
 - **CITEL (America)**
 - **ATU (Africa)**
 - **CEPT (Europe)**
 - **RCC (Commonwealth of Independent States)**
 - **Arab Group**
- **Technical standards work is primarily driven and approved by Sector Members**



ITU Outreach to Regions: Activities in The Americas

- **Cybersecurity Symposium (Brazil, 2004)**
- **World Telecommunication Standardization Assembly (Brazil, 2004)**
- **Workshop on cybersecurity (Peru, 2005)**
- **TELECOM Americas (Brazil, 2005)**
- **Regional Seminar on (telecom) costs and tariffs (Brazil, 2006; Cuba, 2007)**
- **Info-Communication Technology for Disaster Management (Jamaica, 2007)**



ITU Outreach to Regions: Activities in Asia-Pacific

- Seminar on Standardization (Cambodia, 2004)
- Seminar on Home Networking (Japan, 2004)
- Workshops on Next Generation Networks (Japan, 2006; Vietnam, 2006)
- Telecom Network Management (China, 2006)
- ITU World TELECOM (Hong Kong, 2006)
- IP-TV Workshop (Rep. Of Korea, 2006)
- Standards and Development (Bahrain, 2007)
- Cybersecurity (Vietnam, 2007)



Collaboration and Cooperation

- **Goal – work with other standards organizations for improved quality, lower costs, faster procedures**
- **World Standards Cooperation (WSC)**
 - **Top management of ISO, IEC, ITU - ~13 people**
 - **Strengthen and promote the voluntary consensus-based international standards system**
 - **Joint Workshops, education and training**
 - **Common patent policy of ISO, IEC, ITU-T, ITU-R**
- **Global Standards Collaboration (GSC) - ~100 people**
 - **Upper management of major national and regional telecom standards bodies from A-P, Americas, Europe**
 - **Support global standardization by ITU**
- **Exchange planning information**



Worldwide Standardization Roundtable and Coordination Meeting

- To be held the day before next ITU-T World Telecommunication Standardization Assembly (October 2008)
- Aim - bring together relevant standards makers
- Possible themes:
 - Reduce the standardization gap
 - Improve collaboration
- Consultation started on themes and organisation: tsagroundtable@itu.int





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