Welcome to the World of Standards

ETSI

World Class Standards

ETSI – EUROPEAN STANDARDS FOR GLOBAL USE

An overview of the European Telecommunications Standards Institute

Ultan Mulligan

ETSI Workshop, Madrid, 11 April 2012

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ETSI

- A European standards organization
- Active in all areas of ICT
- Setting globally-applicable standards for
  - telecommunications
  - radiocommunications
  - broadcasting
  - related topics
- Independent, not-for-profit organization, created in 1988
- ISO 9001:2008 certified
- Offering direct participation
- 740 Member companies and organisations
- We have almost 30 000 publications - **freely available!**

http://www.etsi.org
http://portal.etsi.org

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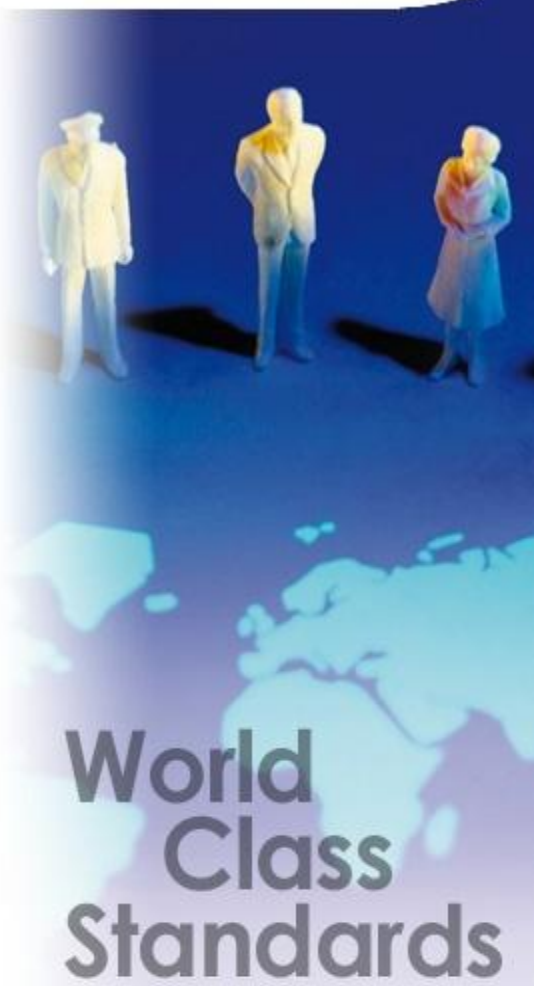
Collaboration

- Strategic collaboration with numerous global and regional standards-making organizations and industry groupings
- Formally recognized as a European Standards Organization, with a global perspective
- Contributing technical standards to support regulation
- Defining radio frequency requirements for the technologies we standardize



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ETSI is *not* …

- a REGULATORY body, but…
  - we provide technical specifications to support regulation
- a CERTIFICATION body, but…
  - we provide specifications and other tools to assist certification
- a FREQUENCY ALLOCATION body, but…
  - we collect, co-ordinate and contribute frequency requirements for the ICT community
- part of the European Commission, nor part of CEPT, but…
  - we work closely with these and many other organisations

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Products & services

- **Technical specifications and standards** with global application
- Support to industry and European **regulation**
- Specification & testing **methodologies**
- **Interoperability** testing

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ETSI Deliverables

- ETSI Technical Specifications (TSs)
- ETSI Technical Reports (TRs)
- ETSI Group Specifications (GSs)
  - Approved by the TC, Project or Group concerned
  - Traditional or web-based voting

- ETSI Standards (ESs)
- ETSI Guides (EGs)
  - Approved by the full ETSI Membership
  - Web-based voting tool

- European Standards (ENs, telecommunications series)
- Harmonized Standards (HS)
  - Approved by National Delegations, through the National Standards Organizations (NSOs)
  - Web-based voting tool

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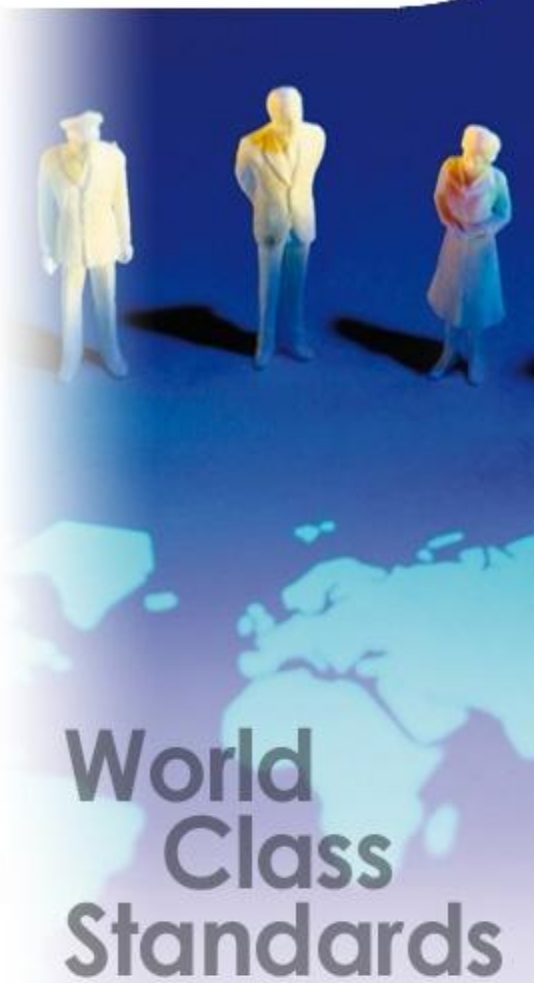
Success Stories

- Home of the GSM™ standards
- Founding partner in 3GPP, standardizing UMTS/3G and now LTE
- DECT cordless telephony
- TETRA emergency communications
- Lawful Interception
- Electronic Signatures
- …



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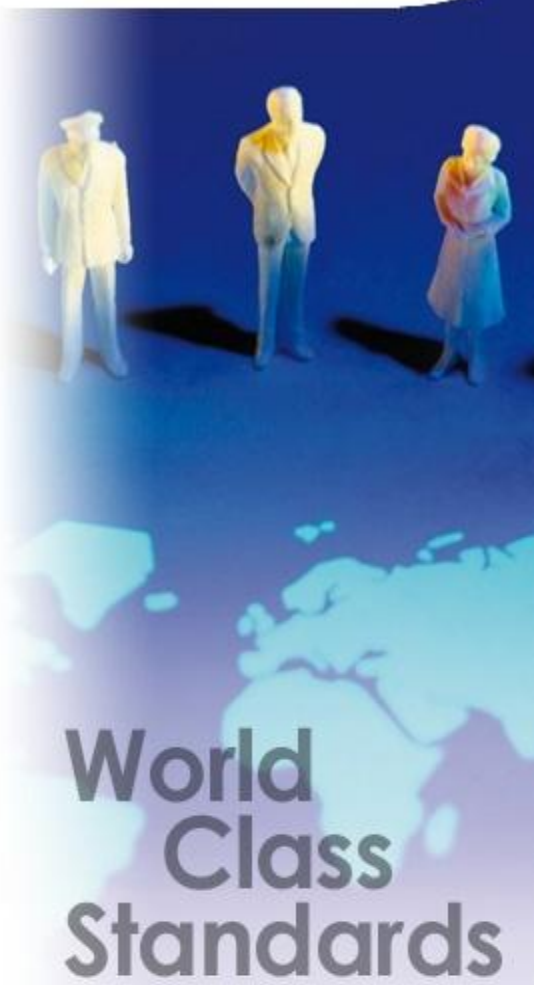
Innovations

- Efficient and speedy standards-making
- Free download of all our standards
- Electronic working to boost efficiency and reduce cost and environmental impact
- Quality certified to ISO 9001:2008
- IPR policy & IPR Database



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Innovations

Centre for Testing & Interoperability

- Specification, validation and testing
- Development of test specifications
- Use of best practices, languages and techniques
- Organization of Interoperability events

PLUGTESTS™
INTEROP EVENTS

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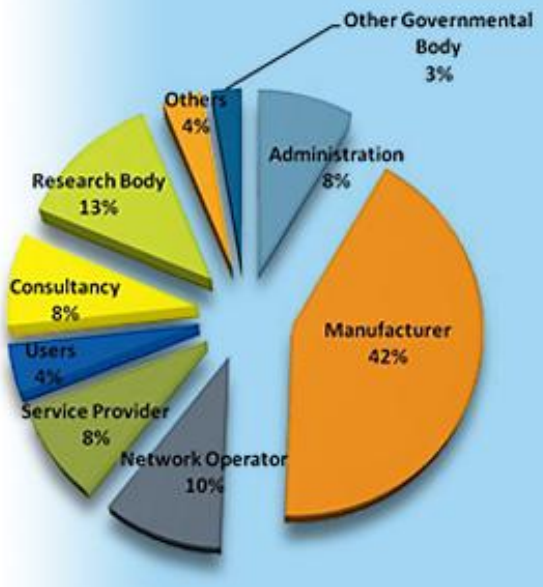
Membership

- Over **700 companies**, big and small, from **62 countries** on **5 continents**

- Manufacturers, network operators, service and content providers, national administrations, ministries, universities, research bodies, consultancies, user organizations



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A Connected World

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World Class Standards

ETSI CLUSTERS: Our Vision of A Connected World

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ETSI's work includes…

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- DSL, Broadband, Next Generation Networks
- Cable distribution systems
- Exchange equipment
- Protocols
- Power line telecommunications
- Safety
- Speech quality and speech recognition
- Testing
- Grid and cloud networks
- Security
- Electronic signatures, lawful interception, smart cards
- …

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  - GSM, UMTS, Railway communications…
  - private/professional land mobile radio systems
- Cordless (DECT)
- Spectrum matters & electromagnetic compatibility
- Radio technologies
- Wireless Local Area Networks
- TETRA & other public safety systems
- Broadcast
- Satellite communications
- Short range devices
- Aeronautical and marine radio
- eHealth and Wireless medical devices
- Intelligent transport
- Internet of the Future

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- Chairman's guide
- Meeting Delegate's guide
- Host guide
- TB Secretary's guide
- Rapporteur's guide
- Special Task Force Expert's guide
- ETSI Member Official Contact's guide

- All available from ETSI Portal

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Getting information

- ETSI website
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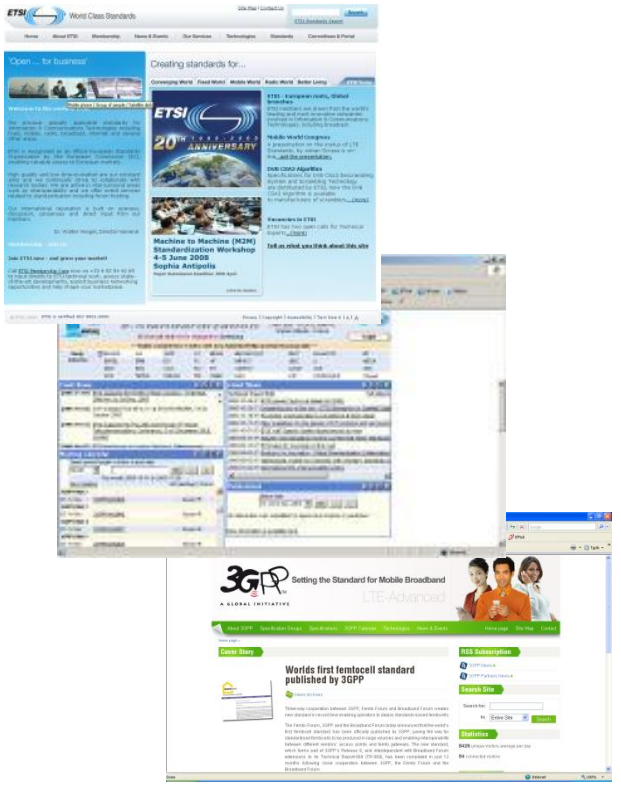

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Whether your company is large or small, and wherever it's based, there's a place waiting for **you…**

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