

Welcome to the World of Standards



ETSI SECURITY STANDARDIZATION

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ETSI Security Standardization – 9th ETSI Security Workshop, 15-16 January 2014

- ETSI
- Areas of Security standardization in Technical Bodies
- Other ETSI Security activities



ETSI's roles



European reach



Global reach

Service provider



What is ETSI?



- The European Telecommunications Standards Institute (ETSI) produces globally-applicable standards for Information and Communications Technologies (ICT), including fixed, mobile, radio, converged, broadcast and internet technologies
- We are officially recognized by the European Union as a European Standards Organization. The high quality of our work and our open approach to standardization has helped us evolve into a European roots - global branches operation with a solid reputation for technical excellence
- ETSI is a not-for-profit organization with more than 750 ETSI member organizations drawn from 62 countries across 5 continents world-wide
- Making security standards from its creation, 26 years ago
- **Security standards are essential to ensure interoperability**
 - Security should not be patched on at a later stage!



ETSI Clusters



<http://www.etsi.org/technologies-clusters/clusters>

Areas of security standardization



- Future Networks
- Mobile/Wireless Communications (GSM/UMTS, TETRA, DECT...)
- Lawful Interception and Data Retention
- Electronic Signatures
- Smart Cards
- Machine-to-Machine (M2M)
- Methods for Testing and Specification (MTS)
- Emergency Communications / Public Safety
- RFID
- Intelligent Transport Systems
- Information Security Indicators
- Quantum Key Distribution (QKD)
- Identity and access management for Networks and Services (INS)
- Algorithms
- In 3GPP



Some major work over the last year



- Maintenance of published deliverables
 - In all areas as necessary
- New publications in the following areas:
 - Electronic Signatures
 - Intelligent Transport Systems
 - Smart Cards
 - Information Security Indicators
- New security algorithm
 - UMTS authentication and key generation



Internal Collaboration

- Operational Co-ordination Group on Security (OCG SEC)
- Possible upcoming **TC Cyber**

External collaboration

- Global Standards Collaboration (GSC)
- ITU, ISO, ENISA, CEN/CENELEC, ...
- Partnership with many other standard developing organisation



ETSI Security Workshop

- www.etsi.org/securityworkshop

ETSI Security White Paper

- Achievements and current work
- List of all security publications
- 6th Edition published **January 2014**
- www.etsi.org/securitywhitepaper



ETSI on the web



ETSI website (<http://www.etsi.org>)

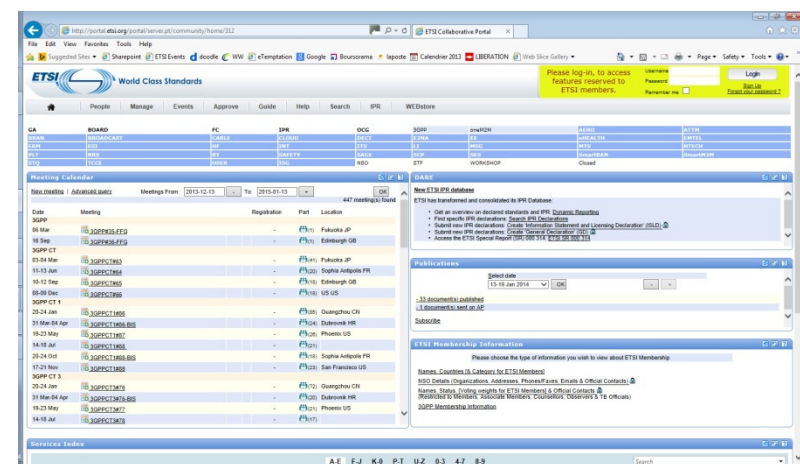
- General public information
- **Free standards download (~30000)**
- Promotional aspects

ETSI portal (<http://portal.etsi.org>)

- Easy access to data for each Technical Body
- Working documents
- ETSI applications and databases

3GPP website (www.3gpp.org)

Forapolis website (www.forapolis.org)



Keep in touch!



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Thank you!
Available for your questions

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