



ETSI AT A GLANCE

An Introduction to a
Dynamic and Innovative
ICT Standards Organization



The Standards People

We are a Community of Dynamic ICT Innovators and Forerunners from around the Globe

ETSI is a leading international ICT standards organization.

We offer our members an open, inclusive environment to support the development and testing of globally applicable standards for ICT systems and services across all sectors of industry and society.

We are an independent, non-profit organization with a 30+ years track record of technical excellence in the ICT sector, and with a widely respected non-discriminatory IPR policy.

Available to all, our standards are freely accessible on our website.

Over 900 member organizations drawn from more than 60 countries and five continents form the ETSI membership. This diverse community includes private companies, research entities, academia, governments and public bodies as well as societal stakeholders.

At ETSI, large and small member organizations work together to create state of the art standards – enabling interoperability in a multi-vendor, multi-network, multi-service environment.

The ETSI community encompasses a large network of experts and innovators.

As an organization, we create a unique networking environment for our members:

- Attend any of our 50+ conferences and interop events per year.
- Exchange with industry leaders and raise your company's profile.
- Meet and connect with customers and competitors in a neutral, professional environment.

**> 53 000
standards**
published in total

**> 1 800
standards**
published annually

**> 19 million
downloads**
annually



We are at the Heart of Digital and Driving Innovation

At the forefront of emerging technologies, our members collaborate to design tomorrow's digital world. As a community, we foster close relationships with research bodies, addressing the technical issues that will drive tomorrow's digital economy and improve life for future generations.

ETSI organizes workshops, summits, and webinars to share the latest developments and innovations, and to explore new technologies in different sectors.

We collaborate with open-source projects and communities, bringing fresh innovation and industry insights to our own well-established working methods.

Our members gain a competitive advantage through early adoption of the latest standards in R&D roadmap. Active participations help them to advance and promote new concepts within the community.

5G, cybersecurity, machine-to-machine communications, edge computing, network virtualization, artificial intelligence, quantum safe cryptography, radio, augmented reality, blockchain and smart cities are just some of the areas where ETSI is driving digital transformation.

ETSI Members shape

- ✓ **5G**
- ✓ **Internet of Things**
- ✓ **Cybersecurity**
- ✓ **Network Virtualization**
- ✓ **Artificial Intelligence**
- ✓ **Multi-access Edge Computing**
- ✓ **Blockchain**
- ✓ **Quantum Safe Cryptography**
- ✓ **Radio**
- ✓ **...and many other technologies**



> 900 members

from more than
60 countries

**27% of ETSI
members**

are SMEs and micro-
enterprises

**> 100 technical
groups** engaged in more
than 4 000 meetings

20% membership
growth over the last ten years

We are Open and Inclusive

ETSI's standardization activities address a wide range of Information and Communication Technologies (ICT). Our work is consensus-driven, with members directly contributing to meetings either in person or remotely.

We pride ourselves on our open approach to innovation. Openness and inclusiveness are evident in the environment we operate in, where all members may participate directly and in any area they wish to contribute to.

Participation takes place on equal terms:

- to support the development and testing of globally applicable standards;
- for ICT systems and services across diverse sectors of industry and society.

At ETSI, we are continuously improving processes to support our standardization activities – ensuring that we deliver even more value to our members and tomorrow's standardization communities.

Available to all, our standards are free of charge.

The ETSI IPR Policy is the key driver of balancing the rights and interests of IPR holders to be fairly and adequately rewarded for the use of their Standard Essential Patents (SEP) in ETSI's standards implementation. Technology access is defined on FRAND terms and conditions, namely fair, reasonable, and non-discriminatory.

We are Versatile and Interoperable

We enable interoperability in a diverse multi-vendor, multi-network, multi-service environment.

We pride ourselves on our open ETSI's Centre for Testing and Interoperability which conducts inter-

operability test events for a wide range of ICT implementations.

Our Plugtests™, Hackathons and Hackfests support the efficient validation and implementation of standards.

They help industry bring new products

and services to market faster and with greater confidence of success.

We embrace continuous improvement, spanning from the design of new working methods to the provision of the tools to support them.



Bringing People Together

> 100 technical groups engaged in more than 4 000 meetings

> 50 conferences and Plugtests™ a year

> 32 000 participants per year at physical meetings

> 39 000 e-participants per year via e-meetings

We are Recognized in Europe, Influencing the World

ETSI is a European Standards Organization (ESO), i.e. officially recognized by the European Union to support EU regulation and policies, and our

standards are key enablers for the Single European Market.

We develop Harmonised European Standards that are used globally.

By using ETSI standards, suppliers and manufacturers gain access to the largest unified marketplace in the world.

We are Global

ETSI members benefit directly from over 100 strategic partnership agreements driving global standardization with numerous fora and consortia, as well as international and regional standards developing organizations around the world.

Driving global standardization of 5G and IoT

ETSI is a founding partner of two major international partnership projects, 3GPP™ and oneM2M, bringing together standardization bodies from Europe, China, India, Japan, Korea and the United States.



The original scope of 3GPP was to produce globally applicable specifications for a system based on evolved Global System for Mobile communication (GSM™) core networks and the radio access technologies that they support. With more than 780 members, 3GPP today provides complete system specifications for cellular telecommunications network technologies up to 5G.

www.3gpp.org



Bringing together more than 200 players from diverse business sectors, oneM2M was created to consolidate standardization of Machine-to-Machine and IoT functions. The group provides a horizontal layer of functions commonly needed across different market sectors as well as a framework to support applications and services for the Internet of Things.

www.oneM2M.org



We are Forward-Thinking

ETSI has a strong vision with a clear strategy:

Designing tomorrow's world, ETSI is at the forefront of new Information and Communication Technology, leading the development of standards that enable a sustainable and securely connected society.

ETSI aims to maintain and strengthen its strategic position through a number of key strategic directions, each defining a major area of development for ETSI.

Together, they define ETSI's journey to achieve its ambitions and some of the expected major stages of that journey.

Learn more about ETSI's Strategy at: www.etsi.org/about/our-strategy.

ETSI is driven by five strategic directions, namely being:

-  **At the Heart of Digital**
-  **An Enabler of Standards**
-  **Global**
-  **Versatile**
-  **Inclusive**

We are 'The Standards People' of Tomorrow

Teaching and learning together

ETSI has developed high-quality educational materials on ICT standardization.

The modular design suits different educational levels and study programmes.

To date, we have established over 60 relationships with universities and research centres, and our experts are providing lectures. We consistently provide proactive support to lecturers and students.

The textbook, in its second edition, is downloadable free of charge at:

www.etsi.org/education/education-about-standardization.



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