



# ETSI TC EMTEL

## Emergency Telecommunications

### Scope

The ETSI **Technical Committee Emergency Telecommunications (TC EMTEL)** focuses on the standardisation and coordination of **emergency communications** within ETSI.

### Key Activities & Responsibilities

- Capture and consolidate requirements from all relevant stakeholders.
- Consider communication scenarios during emergencies, including:
  - Individuals ↔ Authorities/Organisations
  - Authorities ↔ Authorities
  - Authorities ↔ Individuals
  - Individuals ↔ Individuals
- Identify gaps in existing standards and develop or request new specifications to fill them, ensuring no duplication of work.
- Develop and maintain standards and deliverables supporting emergency communications implementation.
- Address requirements on network security, integrity, and behaviour in emergency situations.
- Coordinate ETSI's emergency communication activities with relevant external groups.

## TC EMTEL's work covers:

- Preparation and maintenance of ETSI deliverables describing user requirements, network architectures, resilience, contingency planning, priority communications, access technologies, and network management.
- Studies on **National Security, Public Protection, and Disaster Relief (PPDR)**.
- Identification and monitoring of external projects (e.g., EU initiatives) relevant to emergency communications.

TC EMTEL serves as ETSI's **centre of expertise** for emergency communication requirements, providing technical advice to ETSI Technical Bodies, the ETSI Board, and the General Assembly.

## Recent Developments and Achievements


- The **EC Standardisation Request M/587** (accessibility requirements of products and services per Directive (EU) 2019/882) will be fulfilled with the completion of **HS EN 303 919**, supported by **STF 662**, funded by ETSI Board#153 and launched in September 2025.
- Delivery of **TR 104 020**, a study aligning emergency communications terminology with EU legislation.
- Revision of **PEMEA specification (TS 103 478)** to include cellular (4G/5G) network information, callback features, and editorial corrections.
- Progress on **Emergency Communications Interconnect Requirements (TS 103 873)**, summarising interconnection needs between mobile/VoIP operators and ESNets (e.g., PSAPs).
- Continued work on **Interoperability Testing of NG112 Architecture (TS 103 480)**, informed by NG112 Plugtests.
- Finalisation of the revised **Core Elements for Network-Independent Access to Emergency Services (TS 103 479)**, integrating new Plugtests results and accessibility requirements.
- Initiation of revisions for the **Lightweight Messaging Protocol for Emergency Service Accessibility (TS 103 698)**.

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## About ETSI

ETSI is one of only three bodies officially recognised by the European Union as a European Standards Organisation (ESO). It is an independent, not-for-profit body dedicated to ICT standardisation. With over 900 member organisations from more than 60 countries across five continents, ETSI offers an open and inclusive environment for members representing large and small private companies, research institutions, academia, governments, and public organisations. ETSI supports the timely development, ratification, and testing of globally applicable standards for ICT-enabled systems, applications, and services across all sectors of industry and society.

