

TC EMTEL

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For: TC EMTEL

07/10/2025



Description

EMTEL scope covers emergency communications

- From individuals to authorities/organisations
- Between authorities/organisations
- From authorities/organisations to individuals
- Amongst individuals



EMTEL



EMTEL Officials

Chair: Cristina Lumbreras (EENA), since October 2019

Vice Chair: Peter Sanders (one2many), since October 2019



EMTEL stakeholders

Mobile network operators

Manufacturers

Service providers

Administrations

Users' associations



EMTEL publications are available [here](#)

Major activities

European Public Warning System (EU-ALERT) using cell broadcast service to alert the public

- EU-Alert based on 3GPP TS 22.268 and 3GPP TS 23.041
- *TS 102 900 1.4.1 published in 2023*

Overview of Emergency Communications Network Resilience and Preparedness

- Maximize the level of preparedness and resilience of emergency communication services based on identified risks for involved technologies
- *TR 102 445 was published in April 2023*



Major activities

Core elements for network independent access to emergency services

- Currently named NG112 architecture.
- The specification describes the architecture, the core elements and corresponding technical interfaces for network independent access to emergency services.
- *TS 103 479 new version published in September 2025*
- *TS 103 873 ESInet Peering Requirements draft ongoing*

Interoperability testing of core elements for network independent access to emergency services

- First version triggered after the 1st NG112 Emergency Communications Plugtest
- Describes the test cases and scenarios for interoperability testing of the core elements for independent access networks
- *TR 103 480 Interoperability testing of core elements for network independent access to emergency services draft ongoing*

Major activities

Total Conversation Access to Emergency Services, specification and user guide

- Total Conversation is a combination of three media in a conversational call: video, Real-Time Text and audio.
- *TS 101 470 (version 1.2.1 published in December 2024)* include a reference to TS 103 479 architecture, where applicable.

Standardisation Request/M587 - accessibility requirements of products and services in support of Directive (EU) 2019/882

- In the context of the EAA, TC EMTEL is asked to produce a new Harmonised Standard “for the accessibility and interoperability of emergency communications and for the answering of emergency communications by the public safety answering point (PSAPs) (including to the single European Emergency number 112)”
- The work has been structured in two phases
- *ETSI TS 103 919 V1.1.1 (2024-08) is published, Draft ETSI EN 303 919 V0.0.5 (2025-05) is available in the open area ([here](#))*
- The Special Task Force (STF) has started to work on the 2nd Phase

Major activities

Pan European Mobile Emergency Application (PEMEA)

- There are hundreds of emergency calling applications in Europe but usage is constrained to the boundaries of the PSAP they are integrated with.
- PEMEA server-side architecture to solve this problem and make possible that data and communications arrive to the most appropriate PSAP wherever the call is made.
- *ETSI TS 103 478 V1.3.1 (was published in 2025)*

Alignment of terminology

- Terms used across ETSI Standards and Technical Reports that pertain to emergency communications and emergency services
- *ETSI TR 104 020 V1.1.1 (was published in 2025)*



Major activities

Transporting Handset Location to PSAPs for Emergency Calls

- AML functionality is triggered by an emergency call and is designed to supplement the network location provided wherever possible.
- With AML, location information established by the handset is transported (e.g. through use of SMS) to the Emergency Service Public Safety Answering Points (PSAPs).
- Handsets can use more than one location technology to establish a location, e.g. combine location information from Cell and Wi-Fi sources.
- Commission Delegated Regulation (EU)2019/320 of 12 December 2018 with regard to the application of the essential requirements referred to in Article 3(3)(g) of Directive 2014/53/EU in order to ensure caller location in emergency communications from mobile devices
- *TS 103 625 version 1.3.1 was published in March 2023*

Major activities

Related Plugtest events

- Six NG112 PlugTest events happened
- The scope included components of the 112 communication chain such as
 - Location & location based call routing
 - Audio, video, real-time text
 - Policy based routing
 - ETSI TS 103 479 core services





Thank you for your attention

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Any further questions?

Contact me:

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