



EUROPEAN
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ANNEX

ANNEX

to the

**Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE
COUNCIL**

establishing the European Union Critical Communication System (EUCCS)

{SEC(2026) 1010 final} - {SWD(2026) 1010 final} - {SWD(2026) 1011 final}

Annex

The following operational and technical requirements shall apply for initial, advanced and optimal maturity levels:

Maturity levels	Operational and technical requirements
Initial maturity level	<ol style="list-style-type: none">1. Users: More than 50% of the total number of users of critical communication defined by a Member State are connected to and using the Member State critical communication broadband system.2. User services: Use of mission-critical compliant applications, services and devices, with focus on information exchange and shared situational awareness.3. Coverage: Mobile networks cover at least 70% of the Member State's land territory. Rapidly deployable communication tools and systems are deployed within three days.4. Operations: Information exchange and shared situational awareness for operations.5. Resilience: 8 hours backup power for the radio access network and redundant backhaul.6. Security: Standardised protocols and cryptographic security.7. Spectrum: Shared spectrum with mission-critical users having priority.8. Devices: Fit-for-purpose, including quality of service, priority and pre-emption.
Advanced maturity level	<ol style="list-style-type: none">1. Users: All users of critical communication defined by a Member States use the Member State system.2. User services: Use of mission-critical specific applications.3. Coverage: Mobile networks cover at least 80% of the Member State's land territory.<ol style="list-style-type: none">(1) Rapidly deployable communication tools and systems are deployed within two days.(2) Satellite direct to device communication is integrated in the Member State's system.4. Operations: Response enhanced by AI decision support and automatic language translation tools.5. Resilience: Advanced backup power.6. Security: Advanced, including post-quantum cryptography.7. Spectrum: Shared spectrum with mission-critical users having priority.8. Devices with new functionalities, for example with augmented and virtual reality.

	9. Supply chain: Use of a trusted ICT supply chain.
Optimum maturity level	<ol style="list-style-type: none"> 1. Users: All users of critical communication use the Member State system. 2. User services: Use of evolved applications, using innovative devices beyond smartphones. 3. Coverage: Mobile networks cover at least 90% of the Member State's land territory and 95% of the population. Rapidly deployable communication tools and systems are deployed within one day. 4. Operations: Use of support tools for predictive and automated response. 5. Resilience: Redundancy ensured by diversity of access. 6. Security: Post-quantum capable. Quantum key distribution. 7. Spectrum: Shared spectrum with mission-critical users having priority and dedicated spectrum. 8. Devices: Terminals interoperable, supporting common services for shared situational awareness and response. 9. Supply chain: Use of a trusted ICT supply chain.