

EU5G Cybersecurity Certification



What is EU5G Cybersecurity Certification?

The **EU5G Cybersecurity Certification** is a European certification framework aimed at ensuring the security and integrity of 5G networks across Europe. This certification is managed by the **European Union Agency for Cybersecurity (ENISA)** and is part of a broader effort to strengthen [cybersecurity](#) within the European Union's critical infrastructure, particularly in the telecommunications sector.

Key Aspects of EU5G Cybersecurity Certification

Here are some of the key aspects of EU 5G cybersecurity certification:

1. **Focus on 5G Networks:** The EU5G certification specifically targets the security of 5G networks, which are increasingly becoming the backbone of digital communication and services in Europe. The certification process is designed to address the unique security challenges posed by 5G technology.
2. **Embedded Universal Integrated Circuit Card (eUICC):** A significant focus of the EU5G certification is on the security of the **embedded Universal Integrated Circuit Card (eUICC)**. The eUICC is a critical component in mobile devices, enabling the management of multiple mobile network operator profiles on a single device. Ensuring the security of eUICC is essential for protecting user data and maintaining the overall security of the 5G network.
3. **Common Criteria (EUC) Scheme:** The certification of the eUICC under the EU5G framework is conducted according to the [Common Criteria \(EUC\) scheme](#). Common Criteria is an internationally recognized standard (ISO/IEC 15408) for evaluating the security of IT products. By utilizing this rigorous evaluation process, the EU5G certification aims to provide a high level of assurance that the eUICC and associated components meet stringent security requirements.

4. **EU-Wide Application:** The certification is designed to be applicable across all EU member states, promoting a consistent and unified approach to 5G cybersecurity across the region.

Note: The scheme and its documentation are under consultation until August 26th, 12.00 CET

What Is the EU5G Cybersecurity Certification Process?

EU5G for eUICCs certification shall undergo an EUCC evaluation. Therefore, the steps for the certification process are shown here:

To find more information please check out these links:

- [Specifications for EUICC Certification under EUCC scheme](#)
- [Learn more about EU5G Certification](#)

Why Should I Opt for EU5G Certification?

When obtaining a EU5G Certification you would have the next impact:

- Strengthened security and resilience of 5G networks.
- Increased trust among consumers and industry stakeholders.
- Compliance with European cybersecurity regulations and enhanced market opportunities.

Benefits of evaluating your solution with Applus+ Laboratories

[Applus+ Laboratories](#) can help you and guide on the steps to follow to opt for a EU 5G certificate.

- **Comprehensive Evaluation:** Applus+ Laboratories conducts thorough evaluations for ICT products under the [EUCC scheme](#).
- **Accredited Expertise:** Recognised by EU regulations, providing trusted and reliable assessments.
- **Regulatory Compliance:** Ensures compliance with EU cybersecurity regulations.
- **Market Access:** Enhances [market access](#) and consumer trust through certified security measures