



Federal Office
for Information Security

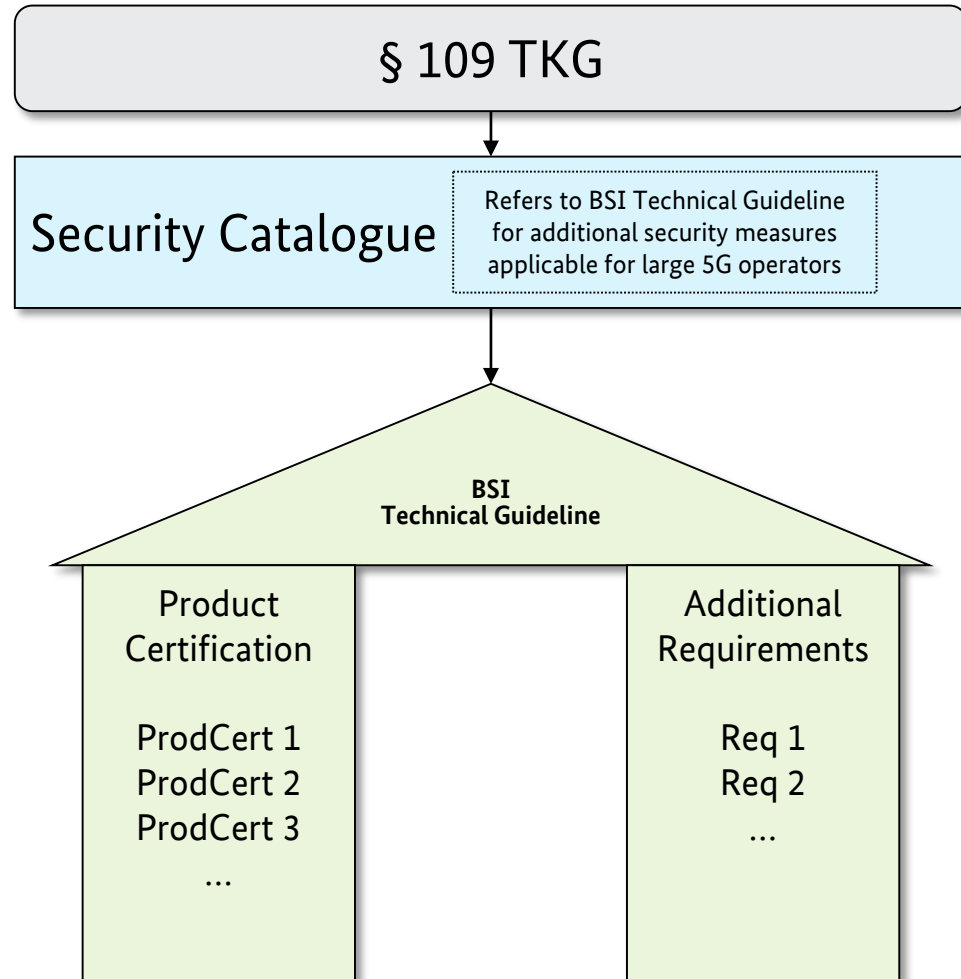


5G Security regulations in Germany

German Strategy 2021 and beyond

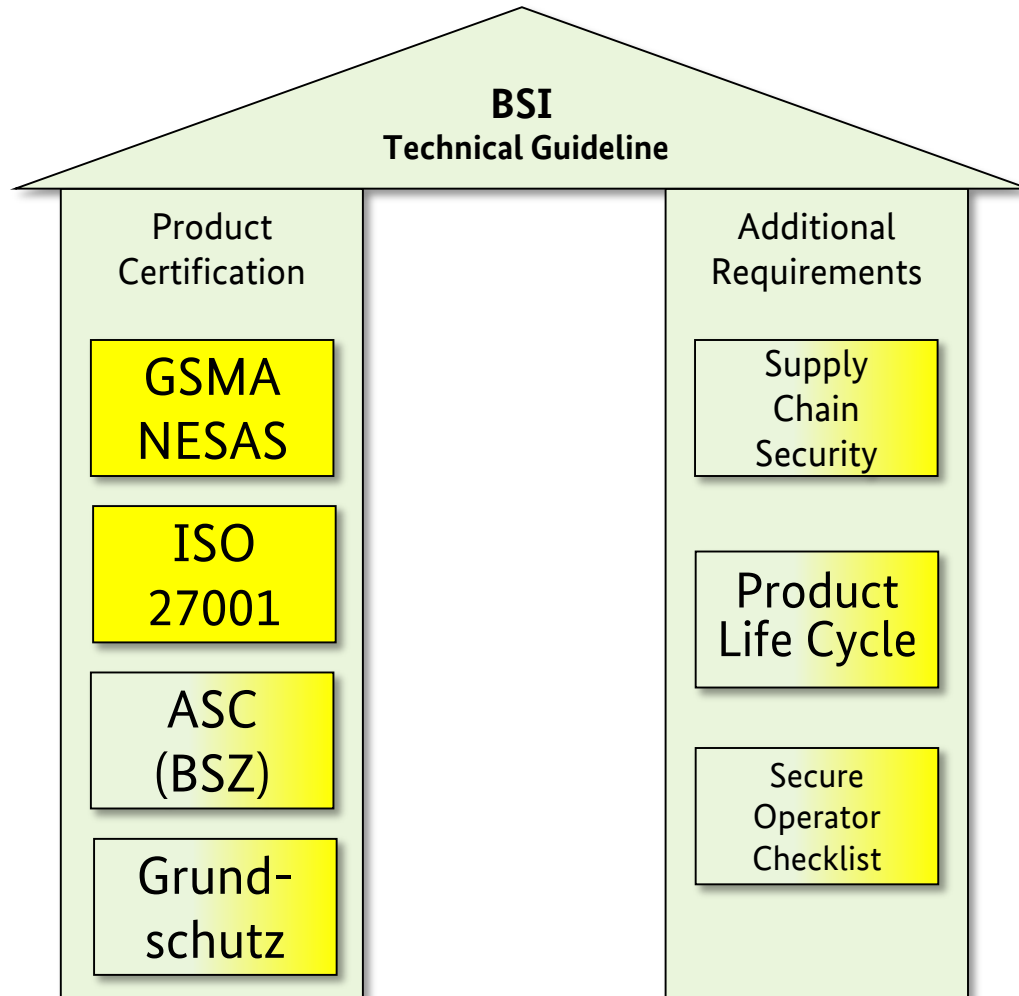
German Strategy

National Schemes and the National Security Catalogue



- Certification of critical supplier components will be mandatory in national 5G deployments.
- Critical components are depending on the “List of critical functions” in 5G networks and will be identified out of it.
- New revision of Security Catalog is in preparation, including the final “List of critical functions” and references to BSI Technical Guideline for certification requirements.
- BSI Technical Guideline contains relevant details on:
 - **Product Certification**
(for example based on ISO, GSMA, CSA)
 - **Additional Requirements**

BSI Technical Guideline for 5G Certification



- BSI is publishing the Technical Guideline (TR) for additional security measures and the proposed certification schemes in the 5G context.
- Technical Guideline is based on two pillars:
 - **Product Certification** and
 - **Additional Requirements**
- Product certification will be based on available schemes and documents
(see possible examples)
- Preference for harmonized/international schemes and standards (GSMA, CSA, ENISA)

European Strategy

5G Certification Strategy

- European -



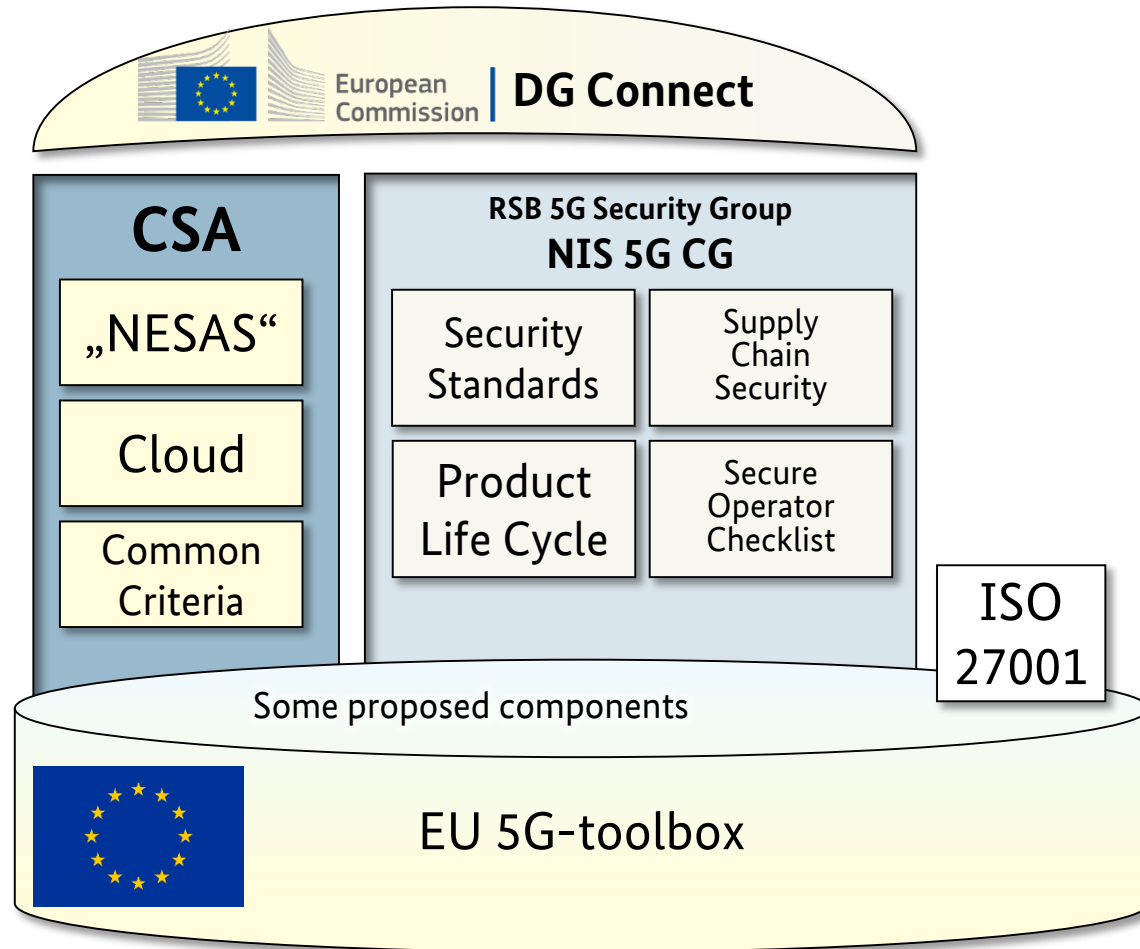
EU-COM
NIS 5G CG

- Provides „EU 5G Toolbox“
- Setup group of MS to support EU-COM/NIS 5G CG
- Establish harmonised certification schemes using the CSA

EU market
5G

- Uses harmonised schemes and measures from „EU 5G Toolbox“
- Increased security in 5G networks through certification of critical security functions / components

EU 5G-toolbox and EU schemes under CSA and RSG



- Creation of harmonized 5G-tools in a **EU 5G-toolbox**
- Harmonized product certification under CSA (Common Criteria, maybe some version of NESAS)
- Other harmonized measures to mitigate risk

Thank you for your attention!

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