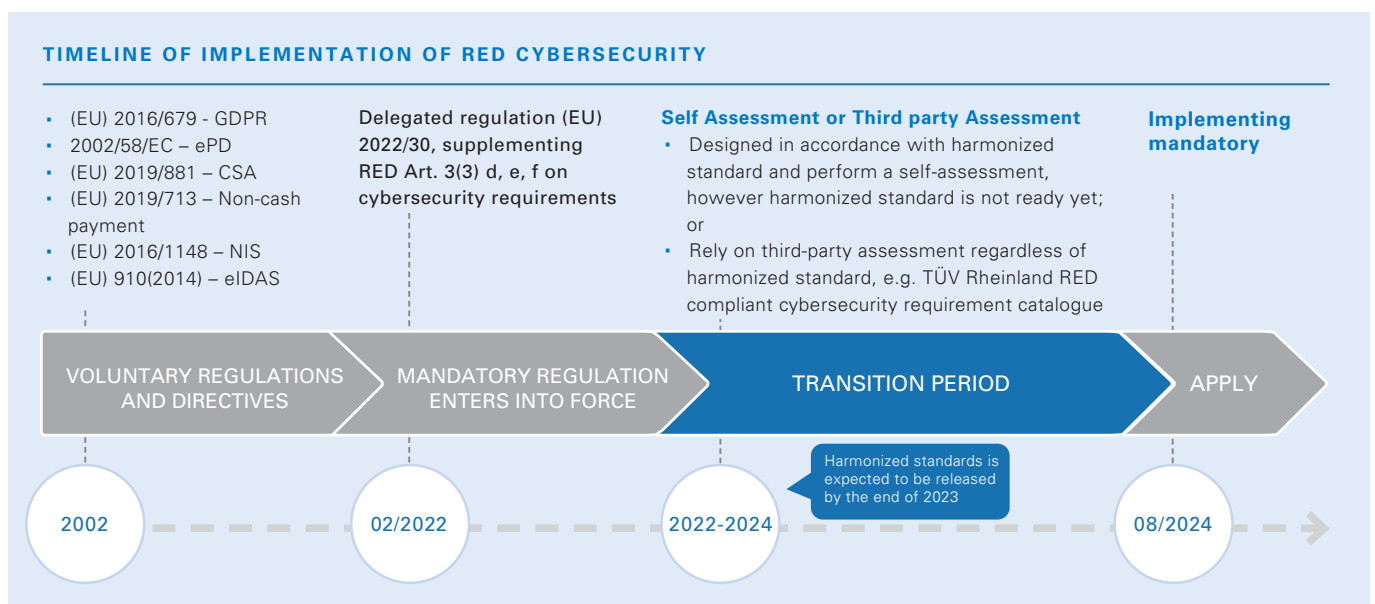




RED compliant cybersecurity requirement catalogue for wireless product testing

In October 2021 new RED requirements were published on the EU's official website. The update activates article 3(3)(d), (e) and (f) of the EU Radio Equipment Directive RED 2014/53/EU, which is intended to increase the level of cybersecurity, personal data protection and privacy for certain categories of radio equipment radio equipment, and reduce the risk of monetary fraud.

The transition phase will expire in August 2024, although it is not yet clear when a harmonized standard can be issued. Manufacturers who wait for the harmonized standard will have only a transition period of approximately 10-12 month before the new cybersecurity requirements become mandatory.



As the EU market continues to focus on product cybersecurity, TÜV Rheinland developed a catalogue of cybersecurity requirements that meet the requirements of the RED based on various regulations and best practices (for example CEN/ CENELEC; ETSI 303 645; NIST IR8425). This will support manufacturers to eliminate compliance hazards in cybersecurity and respond to changes in the market and regulations. It covers three main areas:

NETWORK RESILIENCE

- Authentication
- Secure Interfaces
- Communication Security
- Software update Security
- Input & Output validation

PERSONAL DATA PROTECTION AND PRIVACY

- Personal data storage
- Analysis of personal data
- Transmission of personal data
- Erasure of personal data
- User notification
- Internal activity logs

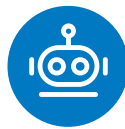
PAYMENT DATA PROTECTION

- Storage of payment data
- Analysis of payment data
- Transmission of payment data
- Erasure of payment data
- User notification
- Internal activity logs

PRODUCT SCOPE



Devices with internet access
(e.g. Smart phones, tablets)

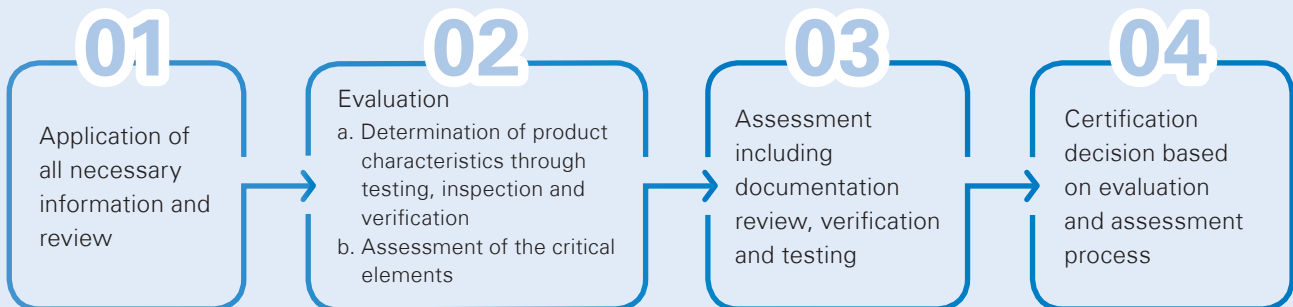


Toys and childcare equipment
(e.g. baby monitors, toys)



Smart wearables
(e.g. Smart watches, fitness trackers)

FOUR STEPS FOR CERTIFICATION



VALUE ADDED SERVICE

- R&D support services
- Service offering together with preferred partners for services (e.g. GCF, PTCRB)
- Fully automated test systems solutions
- Any other electrical regulatory testing services

Get in personal contact to request your individual quote! Our experts are also at your disposal to give information about the requirements, the effective timeline and inform you how to prepare for the changes.

[CONTACT US](#) 

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