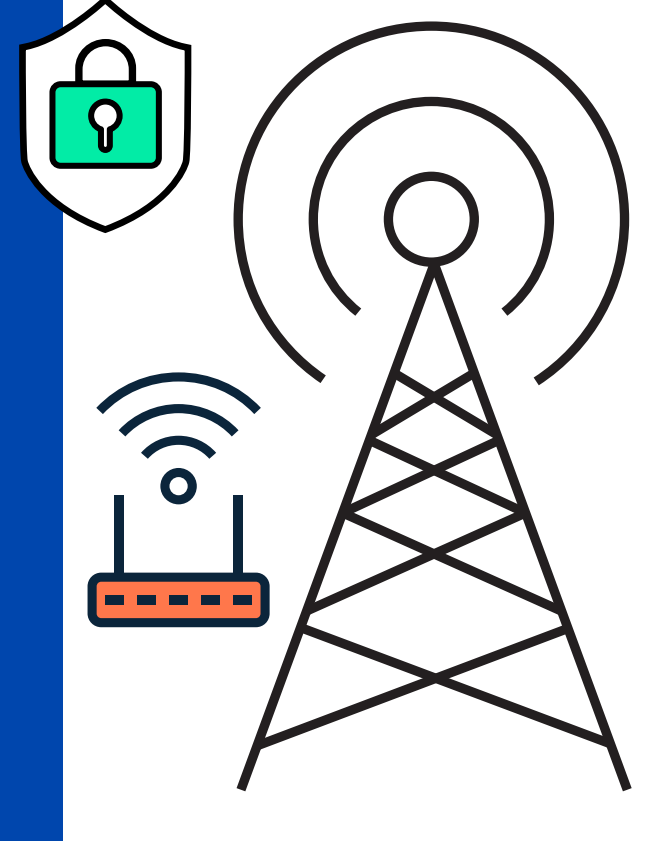
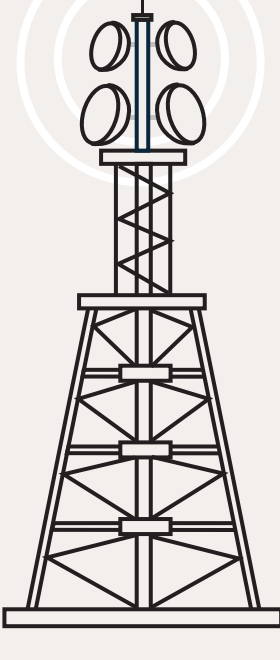


Cybersecurity requirements for the Radio Equipment Directive (RED)

5 key points you should know



1. What is the European commission's Radio Equipment Directive (RED)?



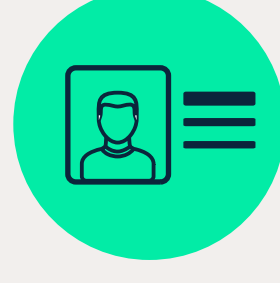
- Establishes a regulatory framework for radio equipment.
- Sets essential requirements for:
 - Health and safety
 - Electromagnetic compatibility (EMC)
 - Radio

To ensure that radio equipment is secure, additional RED essential requirements were introduced on 12 January 2022.

The additional RED provision has three new sections that target:



Network protection



Personal data protection



Fraud protection

2.



To enhance network protection

3.



To enhance data privacy

4.



To enhance fraud protection

Radio equipment requirements:

- Does not harm the network or its functioning.
- Does not misuse network resources.
- Does not cause unacceptable degradation of service.

- Incorporates safeguards to protect personal data and privacy of users and subscribers.

- Contains features ensuring fraud protection.

Covers equipment that:

- Can communicate itself over the internet.
- Communicates via an Internet-connected device.

- Can communicate itself over the internet processing:
 - Personal data
 - Traffic data*
 - Location data

*Traffic data: information processed to communicate on electronic communications networks (e.g., routing and timing of a message).

- Can communicate itself over the internet.
- Communicates via an Internet-connected device.
- Enables the holder or user to transfer money, monetary value or virtual currency.

Aims to:

- Shield against network attacks that render devices unavailable.

- Increase the protection of personal data and privacy.

- Safeguard the transfer of money, monetary value, or virtual currency.

Example of implementation:

- A system configuration of communication parameters alterable only by authorised users.

- Users are forced to change factory default credentials to unique credentials at first use.

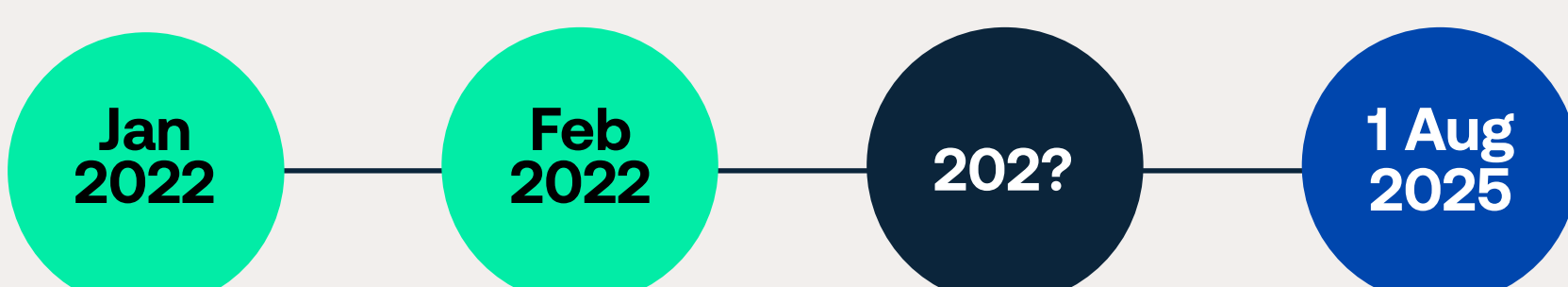
- Using a token to prevent replay attacks.

5. How much time do manufacturers have to comply with RED?

European Commission activated RED Articles 3.3 (d), (e) and (f)

RED Articles 3.3 (d), (e) and (f) are mandatory

EFFECTIVE



European Commission published delegated regulation 2022/30/EU, enforcing compliance requirements to RED Articles 3.3 (d), (e) and (f)

Issuing RED harmonized standards

42-month transition period



Ensure your wireless devices are prepared for RED cybersecurity requirements today.

Add value. Inspire trust.

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