Overview on the Requirements of Radio Equipment on the EU Market

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**IMPACT NETWORKS**

- **EFFICIENT TRANSPORT FOR THE FUTURE**
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- **SUSTAINABLE AND CLEAN ENVIRONMENT**
  - Jarno Ilme

- **TRANSPORT MARKET**
  - Jenni Koskinen

**AREAS OF EXPERTISE**

- **SERVICES FOR MOTORISTS**
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- **TRANSPORT SYSTEM SERVICES**
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- **DIGITAL CONNECTIONS**
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- **NATIONAL CYBER SECURITY CENTRE**
  - Sauli Pahlman

**SHARED SERVICES**

- **ADMINISTRATIVE SERVICES**
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- **TECHNOLOGY AND INFORMATION SERVICES**
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- **COMMUNICATIONS**
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- **SECURITY AND PRIVACY**
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**DIRECTOR-GENERAL**

- Kirsi Karlamaa

**RAIL REGULATORY BODY**

- Juha Karjanlahti
Conformity of Radio Equipment

- Sector-specific legislation
- Applies to placing on the market and making available on the market
  - Does not cover the whole lifecycle of the product
- Main economic operators:
  - manufacturers, importers, distributors

- Electrical or electronic equipment which intentionally transmits and/or receives radio waves for
  - communication and/or
  - radio determination
- Examples: mobile phones, tablet computers, remote controls, drones, radiotelephones, gps receivers
Essential Technical Requirements

- The essential requirements for all radio equipment art. 3(1)(a/b) and 3(2) RED
  - The protection of health and safety
  - An adequate level of electromagnetic compatibility
  - Effective and efficient use of radio spectrum, avoidance of harmful interference

- Specific requirements for certain product categories, subject to issuance of delegated Acts by the Commission
  - Activated under art. 3(3) RED
    - **Information security** 3(3)(d/e/f)
    - Supporting access to emergency services 3(3)(g)
Main Elements of Administrative Requirements

- Assurance of conformity
  - EU Declaration of Conformity
  - CE marking
  - Technical documentation
- Sufficient information for intended use of radio equipment
  - Instructions and safety information
    - The language must be easily understood by consumers and other end users
  - Information on geographic restrictions etc.
- Traceability information: manufacturer's and importer's names and contact details
Key Economic Operators

**The manufacturer**
Manufacturers radio equipment or has it designed or manufactured, markets the equipment under his name or trade mark. Can appoint authorised representatives.

**The importer**
A natural or legal person established in the Union, places radio equipment from a 3rd country on the EU market.

**The distributor**
Any other person in the supply chain, who makes radio equipment available on the EU market.
Market Surveillance of Radio Equipment
Market Surveillance of Radio Equipment

- Technical compliance
- Administrative compliance: Documents and markings
- EU Member States shall allow the putting into service and use of radio equipment, if it complies with RED
- Detected harmful radio interferences may trigger radio equipment checks (if similar equipment is still available)

National Radio Spectrum Plan

Additional requirements for putting into service/use of radio equipment

Requirements under the national licensing scheme
Co-operation between Market Surveillance Authorities of Radio Equipment on the EU Level


- Joint market surveillance campaigns carried out by ADCO RED:
  - 11th RED market surveillance Campaign on PRM
    - 17 MSAs checked 89 products and 83% were found non-compliant
    - Exchange of information between MSAs (via a common database – ICSMS)
    - [Report of the campaign](#) was published in 2021
Improving the Information Security of Radio Equipment
New EU Information Security Requirements for Radio Equipment

- Commission Delegated Regulation (EU) 2022/30 supplementing the RED
- Sector-specific regulation
  - Activates art. 3(3)(d/e/f) of RED
- Apply to certain categories of radio equipment falling under the RED
  - Scope limitations have been made on a risk basis

New requirements applicable from 1st of August 2024
Objectives and Scope of the New Requirements

- Objectives of the new requirements:
  - (d) protect communications networks
  - (e) better protect users’ privacy and
  - (f) prevent monetary fraud committed using internet-connected equipment

- Categories of equipment within the scope of the regulation:
  - internet-connected devices, toys, childcare equipment and wearables

- Some exclusions, e.g., medical devices
Thank you!

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