



Building networks for communication standards

# Checklist: Risk assessment of radio equipment

Based on ETSI TR 103 879



# The following elements should be included in a documented risk assessment for radio equipment

- **Description of the equipment**  
What kind of product is it? What does it include? What is it used for?
- **Intended user group**  
Is the product designed for consumers, professional users, children, persons with special needs, etc.?
- **Intended environment and usage profile**  
Indoor/outdoor use? Industrial, medical, automotive?  
Consider temperature, humidity, vibration, etc.
- **Identification of applicable legislation and requirements**  
Which parts of the RED apply to the product? Any other relevant directives?
- **Overview of identified risks**
  - What EMC and radio spectrum risks have been identified, and how have they been assessed?
  - What test results, simulations, calculations etc. support the analysis?
- **Methods and solutions for risk reduction**
  - Have harmonised standards been applied?
  - Have proprietary methods or supplementary tests been used?
  - How is it ensured that the user cannot operate the product in non-compliant configurations?
- **Residual risks**
  - What risks remain after mitigation measures?
  - Are they acceptable? Should they be communicated on packaging or in the user manual?
- **Follow-up and change management**  
How are production batches, software updates, and regulatory changes monitored and handled?
- **Version control**  
Have date and version number for the risk assessment and any related attachments been documented?