HEITEC

CYBER RESILIENCE ACT

The new cybersecurity regulation

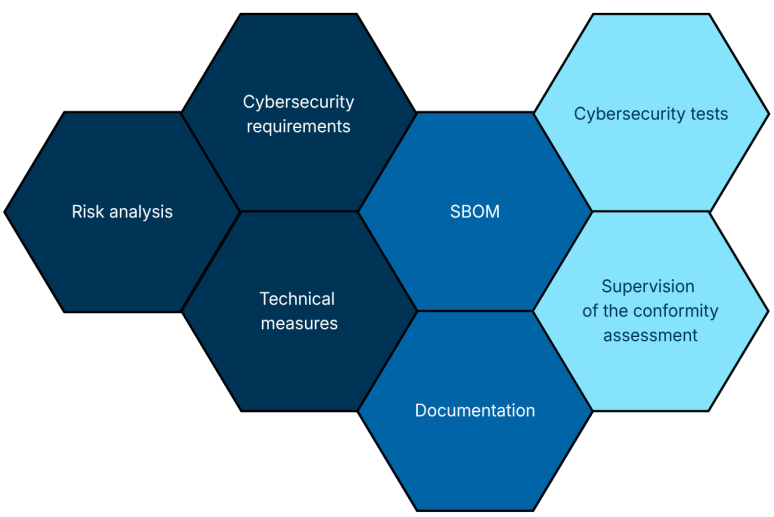
Cyber Resilience Act

Developing cybersecure products

The increasing number of connected devices and the risks that they pose to the network infrastructure of Europe has led the European Union to create a regulation for the implementation of cybersecurity measures in products with digital elements placed in the market across the continent.

The CRA sets a deadline for manufacturers to prepare their processes and products for its full enforcement on December 11th, 2027.

With its introduction, the Cyber Resilience Act will be one of the most significant regulatory changes for digital products in the European Union in decades, as CRA compliance will become a mandatory prerequisite for CE certification.



Cybersecurity will therefore no longer be an option, but a legal requirement throughout the entire lifetime of the products.

Non-compliance with the CRA can result in several consequences for the manufacturer of the product. Aside from having the products banned in the European market, economic consequences can reach up to 15 million Euro.

Products with digital elements must:

REQUIREMENTS

Fulfill cybersecurity requirements based on a risk assessment, where possible cyberthreats must be analyzed and documented.

Implement technical security measures for ensuring their cyberresilience, and incorporate a channel for future security updates.

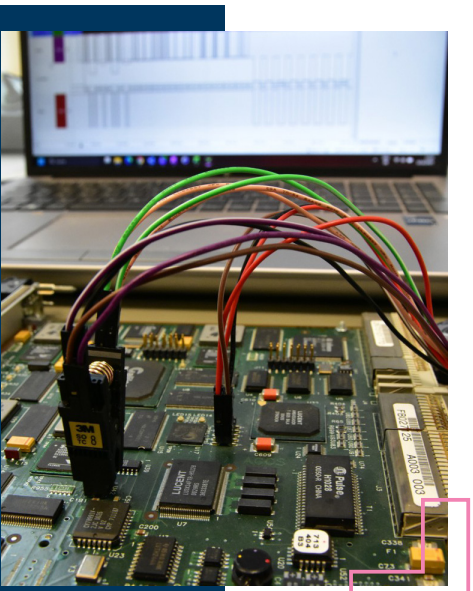
Include technical and user documentation, which will be used to demonstrate CRA-conformity for their CE certification.

Be subjected to cybersecurity tests during their lifetime, as cyberthreats evolve and newfound exploited vulnerabilities must be reported and mitigated.

HEITEC supports their customers with the CRA

We offer:

- Development of CRA-conform products from their conception until manufacturing
- Regular vulnerability monitoring, as well as communication and reporting to ENISA and CSIRTs
- Cybersecurity tests in-house and/or in collaboration with our partners
- Support throughout the entire CRA conformity assessment process



The HEITEC Group has over 50 years of experience in engineering. HEITEC offers end-to-end solutions, products, and services in the fields of special machinery, automation, digitalisation, and electronics – from the digital model to 24/7 service.

With more than 1,200 qualified employees in several countries, we work with numerous satisfied customers worldwide.

Our experience in development and manufacturing makes HEITEC a strong partner for customers who want to meet the requirements of the CRA throughout the entire lifecycle of their digital products.

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