

DE0613 EN 50742 in Practice – Protection Against Corruption for Machinery

How does EN 50742 relate to the
Machinery Regulation (EU) 2023/1230?

How can corruption of data, software, communication,
or configuration affect machinery safety?

What does “protection against corruption” mean in the
context of the Machinery Regulation and the EN 50742?

How can EN 50742 be applied in a practical and
efficient way throughout the machinery lifecycle?

Join our Training

and gain practical insight into EN 50742
and regulatory requirements

Agenda and Content

- ◆ Protection Against Corruption for Machinery – Why It Matters
- ◆ Relation to the EU Machinery Regulation (EU) 2023/1230
 - Essential requirements related to protection against corruption
 - How EN 50742 supports presumption of conformity
 - Practical compliance strategy
 - Technical documentation
- ◆ Overview of EN 50742 and its key concepts
- ◆ Risk-Based Approach to Safety & Security
- ◆ Two Implementation Paths of EN 50742
 - Approach A: Standalone methodology
 - Approach B: Integration with IEC 62443
- ◆ Q&A and Wrap-Up

Modern machinery increasingly relies on software, digital communication, configurable components, and connected infrastructure. Corruption of data, software, communication channels, or machine configurations can adversely affect safety-related functions and lead to hazardous situations.

EN 50742 provides a structured methodology to identify such risks and define measures that help ensure machinery safety is maintained. The training explains the practical application of EN 50742 and its role in supporting compliance with the EU Machinery Regulation (EU) 2023/1230.



Current Status of EN 50742 & Harmonisation: EN 50742 is currently being finalized as a key European standard addressing protection against corruption of safety-related machinery in support of the EU Machinery Regulation (EU) 2023/1230.

It is currently in draft stage (prEN 50742) and harmonisation is not yet completed. It is expected to provide presumption of conformity with relevant requirements of the EU Machinery Regulation (EU) 2023/1230.

Early adoption of EN 50742 enables manufacturers to prepare for the 2027 regulatory application.

Who should attend?

This training is designed for professionals involved in the development, testing, and assessment of machinery. It is particularly valuable for:

- ◆ System and safety engineers working on machinery design
- ◆ Cybersecurity specialists in industrial environments
- ◆ Compliance and certification managers
- ◆ Machine manufacturers, integrators, and product owners
- ◆ Project managers responsible for regulatory compliance

Duration: 1 day

Language: English or German in agreement with the participants.

The training material will be in English.

Location: Online

Customer specific on-site or online training is also possible. We will adjust the training content to your specific needs - just get in touch!

Certificate: Each participant can voluntarily take an exam and earn a Cybersecurity Practitioner (CSP) certificate, or receive a confirmation of attendance listing the covered topics.

For more information, please contact:

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