



► Safety and Security in Transformation

Your route to safe, compliant machinery

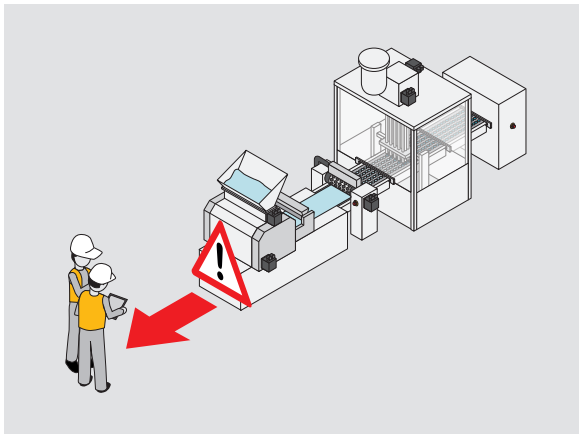
PILZ
THE SPIRIT OF SAFETY



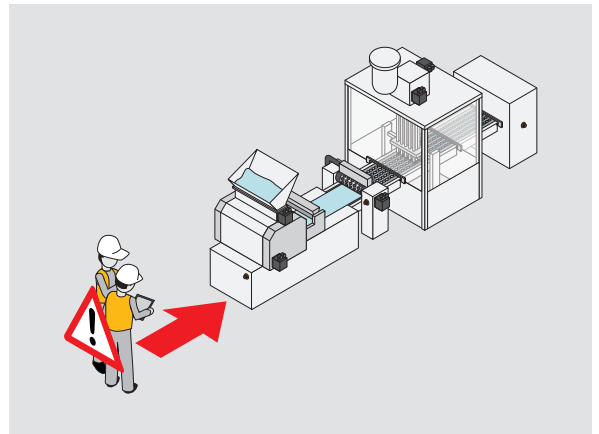
► Machinery Safety and Industrial Security

An important relationship with far-reaching consequences

In addition to Machinery Safety, Industrial Security is also becoming increasingly important. The focus is no longer only on protecting employees from hazardous machinery, but also on protecting machinery from manipulation, for example through cyber attacks. Digitisation and networking lead to new vulnerabilities that can cause economic and physical harm. Areas in plant and machinery particularly in need of protection must be secured to prevent unwanted access to the control network. Security loopholes can lead to accident risks, loss of quality or production downtimes. Both aspects – Safety and Security – are necessary for the safe handling of machinery in production.



Safety: protection against machinery



Security: protection for machinery

Do you have a handle on Safety and Security?

Machinery Safety is in transition. Safety and Security in Transformation requires new mindsets, approaches and risk assessments.

Keep on the safe side with the portfolio of solutions from Pilz – we support you in the transformation of Machinery Safety. Totally safely!



► Machinery Safety as a legal requirement

Safety and Security in Transformation

Legislators have also recognised that Machinery Safety without Security is no longer enough. The definition of Machinery Safety thus finds itself undergoing a transformation: In Europe in particular, the interplay of Safety and Security for minimising risks has been incorporated in legislation with new regulations. For machine construction, these primarily include the Machinery Regulation, the NIS 2 Directive and the Cyber Resilience Act (CRA). These regulations make risk assessment with regard to Industrial Security a mandatory specification for companies, for machinery and for products with digital elements.

Now is the time to prepare for the upcoming changes!

A comparison of the Machinery Regulation, NIS 2 Directive and Cyber Resilience Act			
	Machinery Regulation (EU) 2023/1230	NIS 2 Directive (EU) 2022/2555	Cyber Resilience Act (EU) 2024/2847
Directed toward	Machinery	Companies	Components
Binding from	20/01/2027	18/10/2024	11/12/2027
Obligations	<ul style="list-style-type: none">► Protection against corruption (with focus on functional safety functions)► Attention to malicious attempts by third parties	<ul style="list-style-type: none">► Measures for managing cyber security risks► Compliance with technical and organisational measures► Notification of significant security incidents	<ul style="list-style-type: none">► Manufacturer reporting obligations from 11/09/2026► Secure Development Lifecycle Process► EU type examination for critical products► Notification of vulnerabilities► Provision of security updates

All the information on Industrial Security

You will find extensive information, concise knowledge and special white papers on Industrial Security as well as on legislation on our website.



Online information at
www.pilz.com/security

► Why one-stop Safety and Security?



Efficient implementation of the EU Machinery Regulation

The EU Machinery Regulation requires both Safety and Security at the machine level as these are mutually dependent on one another. The most efficient way is to have both aspects handled by the same expert. If you consider the machinery from a Safety perspective, you can also review the Security at the same time and take into account automation so that the safety zone remains protected. Both the control network of the machine and the safety functions must be protected against unauthorised access.

Your benefits at a glance

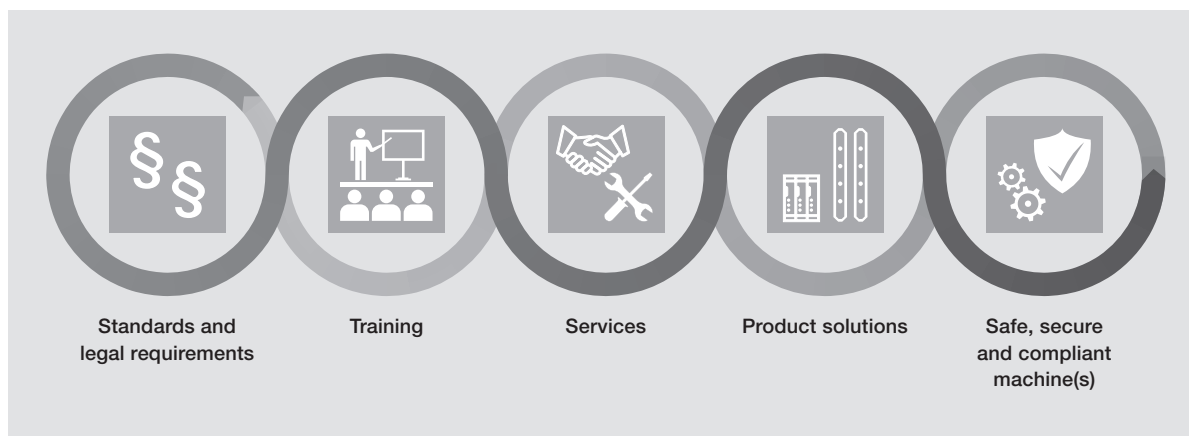
- Effective compliance with the EU Machinery Regulation through comprehensive support and conformity assessment to achieve the CE mark
- Synergies through similar approaches, processes and methodologies between Safety and Security considerations on machinery
- Greater legal certainty thanks to a responsible partner for both Safety and Security on the machine

► Your route to safe, compliant machinery

Completely safe with Pilz

Machinery Safety is mandatory. Legislators dictate requirements that guarantee safe interaction between human and machine. This presents machine manufacturers and operators with challenges: Which requirements apply, which measures have to be implemented, and how do we satisfy the legal requirements?

Pilz supports you with decades of expertise – from consulting and requirement interpretation to practical services and product solutions for Machinery Safety and Industrial Security.

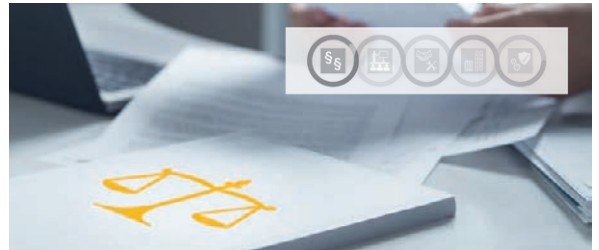


► Step by step to enhanced Safety and Security

Whether step by step or a targeted need – Pilz offers different building blocks for the application of Safety and Security. Flexible and customised.

Standards and legal requirements for Safety and Security

With our many years of expertise, we help you to understand and implement requirements concerning Machinery Safety and keep you up to date – whether for satisfying legal requirements or for applying standards.



Our training offer from beginner to expert level

Knowledge is protection! In our training courses on Machinery Safety and Industrial Security you learn important fundamentals and can receive training up to the level of certified expert.



Customised consulting and engineering

From the risk assessment to the implementation of risk-reducing measures: Pilz offers comprehensive services for Safety and Security and supports you in the implementation of legal and normative specifications.





Our Safety and Security product solutions

Discover our integrated Safety and Security solutions from the Identification and Access Management portfolio – I.A.M.! With tailored offers for employee protection, liability protection, maximum productivity and the protection of your data.



The result: safe, compliant machinery

The number one goal in Machinery Safety is a safe, compliant machine, so that both human and machine are protected from each other in the best way possible. Pilz provides competent, comprehensive support on this journey.



One-stop Safety and Security!

Contact us and let's tackle your challenges together. Scan the QR code now and request an individual support package!



Online information at
www.pilz.com/safety-security

► Support

Technical support is available from Pilz round the clock.

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Pilz develops environmentally-friendly products using ecological materials and energy-saving technologies. Offices and production facilities are ecologically designed, environmentally-aware and energy-saving. So Pilz offers sustainability, plus the security of using energy-efficient products and environmentally-friendly solutions.



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