Cyber Security

Do you already care?

Cyber security in production – how secure is your manufacturing today?

Connected machines, digital services and remote services increase efficiency – but at the same time they also increase the requirements for protecting and ensuring the availability of production. Cyber security is therefore no longer purely an IT topic. It has become a key success factor for stable production processes, the protection of your know-how and a decisive step towards future-proof manufacturing.
Cyber security affects every production environment – whether you are taking your first steps towards OT security (Operational Technology Security), already have established security concepts in place, or are already registered for NIS-2.

NIS-2 and CRA – what is changing for industrial companies?

With NIS-2 (Network and Information Systems Directive 2) and the CRA (Cyber Resilience Act), the EU is strengthening cyber security across supply chains throughout the entire product lifecycle of digital products.

For many industrial companies, this means:

- Higher requirements for security levels and responsiveness (including reporting and verification obligations)
- Greater focus on products with digital elements: cyber security becomes part of the product lifecycle
- Increased relevance of security updates and vulnerability management

Our commitment to your security

Your safety when working with TRUMPF products is our highest priority. Our machines are CE-marked and meet the highest safety standards.

Product security and OT security
To protect digital components, we continuously improve our measures, including:

- Detailed risk management and analyses
- Secure software development (Security by Design)
- Measures to protect against cyber attacks
- Encryption technologies
- Regular security updates

In addition, we comply with reporting obligations for security vulnerabilities in order to respond quickly and effectively to cyber threats.

Information security
With ISO 27001 certification, we use a strong management system and an internationally recognized security standard to protect data in our systems.
In addition, the TISAX assessment ensures high security standards specifically for the automotive industry.

TRUMPF

Security is created through collaboration

Cyber security in production is a shared responsibility. Only when manufacturers and production companies understand their respective responsibilities and align them with each other can a strong and reliable cyber security supply chain be created.

Our contribution as a manufacturer
TRUMPF develops machines and digital components with a high level of security throughout the entire product lifecycle – from secure software development and structured vulnerability handling to regular security updates.

Your contribution in day-to-day operations
The secure use of machines in your production environment is primarily your responsibility – for example through a suitable network architecture, clear access concepts, and a secured environment for remote maintenance, monitoring and recovery.

Exchange is particularly valuable at the interface – let's start the conversation

❭ Talk to us directly or contact our product security experts by email: product.security@trumpf.com.

Information on existing security vulnerabilities related to TRUMPF products can be found under "Security Advisories" on our website: www.trumpf.com.

Let's work together to future-proof the cyber security of your production.

OT security tips: for cyber security in production

- □ Ensure a secure environment by protecting your production hall and machines from physical threats.
- □ Avoid security risks by clearly separating your office and production networks.
- □ Use firewalls to protect your network from unauthorized access.
- □ Use Network Access Control (NAC) to control and secure access to your network.
- □ Ensure the secure transmission of machine data through encrypted communication channels.
- □ Enable remote maintenance of your machines via secure and reliable connections.
- □ Protect your data with regular backups and a recovery strategy.

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