

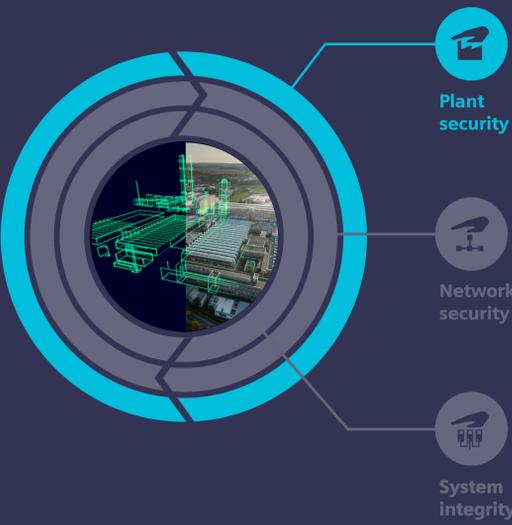
Plant security

Keep secure what should stay secure:
Protect your plant from intrusion and manipulation.

[siemens.com/cybersecurity-industry](https://www.siemens.com/cybersecurity-industry)



PLANT SECURITY



What it is

Plant security measures include physical access protection infrastructure, such as barriers, turnstiles, cameras and card readers. Organizational measures include a security management process to ensure the security of a plant.

Why it matters

Comprehensive security concepts that encompass processes and guidelines for holistic plant protection are essential. These include systematic risk analysis, the implementation of appropriate protective measures, as well as their continuous monitoring and regular updates.

89%

... of manufacturing organizations experienced at least one successful cyberattack in 2024¹

60%

... is the human involvement in cybersecurity breaches across industries (2025)²

>90%

... of successful attacks could probably be stopped by blocking phishing and the exploitation of publicly accessible systems (2025)³

¹ Fortinet Manufacturing Report 2024
² <https://www.verizon.com/business/resources/infographics/2025-dbr-infographic.pdf>
³ <https://industrialfiber.com/features/addressing-role-of-network-segmentation-perimeter-strategies-in-ot-cybersecurity-to-reinforce-industrial-defenses>

PLANT SECURITY

What plant security means for your company

Control access.

Access control systems help you prevent unauthorized physical and digital access to critical assets.

Define rules.

Security policies and procedures help you manage security risks and respond to incidents effectively.



Train people.

Staff training and awareness help you minimize human error and insider threats.

How you benefit



Protection:
Enhance the protection of critical infrastructure and assets.



Downtime:
Reduce the risk of operational downtime due to security breaches.



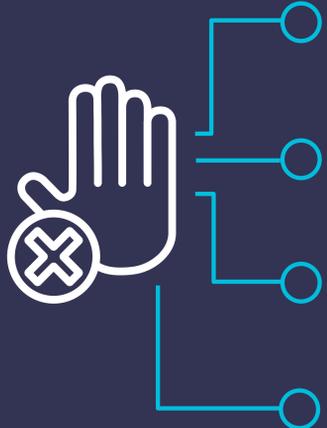
Security awareness:
Increase the situational awareness to avoid industrial security incidents caused by human errors.

PLANT SECURITY

From goals to action.

How we support you

Get the insights into OT security measures you need – in order to design and operate automation processes and automation systems.



Access control

- Extensive protection portfolio
- From access solutions to command and control platforms

Standards

- Selection and implementation of appropriate standards
- Consistent application of IEC 62443/ISA99 – the well-proven international standard for the industrial automation environment

Defining guidelines

- Definition of appropriate guidelines – consideration of all relevant rules and standards
- Making cybersecurity a central management task

Security monitoring

- Detection and classification of potential threats
- Continuous status report for a constant overview – immediate notification in case of a security threat

Did you know ...

... that already **15%** of employees are routinely using generative AI platforms on their company devices – including potential risks for data leaks?⁴

⁴ <https://www.verizon.com/business/resources/infographics/2025-dbr-infographic.pdf>

PLANT SECURITY

BTW

By the way, plant security is one of the building blocks of Siemens' "Defense in Depth" concept, aimed at simultaneous protection of all plant levels:

- Plant security
- Network security
- System integrity

