

Elatec: Access and entry combined - a standardized system for improved security and efficiency

When access and entry become one, it can have significant benefits for companies in terms of security, usability and compliance with cybersecurity regulations.



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Access and entry were traditionally seen as two different things. Physical access control (PAC) systems were used to manage access to buildings and rooms, while access control systems were used to protect digital assets and the IT infrastructure. However, the widespread deployment of access applications and the increased networking of security systems have made it clear that this separate approach is no longer sufficient. A standardized access system that covers both entry and access can help companies improve security and comply with new cybersecurity regulations such as the NIS2 Directive.

[Separate access and entry systems](#) give rise to a number of security challenges that leave companies vulnerable to security breaches and make it difficult to maintain a robust security position. They are also more complex and difficult to manage, scale and adapt.

With a standardized access and entry system, the same access technology can be used to allow entry and access to systems throughout the entire building or campus. These systems include physical objects (doors, turnstiles, elevators and parking barriers), physical devices and assets (computers, printers, production machinery, laboratory or

medical equipment) as well as digital data and applications, including single sign-on (SSO) systems.

There are significant advantages:

- **Seamless security:** By applying uniform security guidelines at all access points - whether physical or digital - a standardized system reduces vulnerabilities and ensures comprehensive protection against unauthorized access.
- **Comprehensive monitoring and reporting:** With a standardized system, companies can keep track of all access activities simultaneously and monitor, review and respond to security incidents more efficiently.
- **Improved usability:** Users only need a single credential (e.g., an RFID ID or a smartphone credential) for all their access and entry needs, so they no longer have to deal with multiple keys, cards or passwords, generally increasing levels of both contentment and productivity.
- **Simplified management:** Centralized access control management is more efficient and enables fast and consistent updates, a better overview and simplified processes for granting, changing or revoking access rights.
- **Cost savings:** Combining access and entry systems means that multiple infrastructures are no longer necessary. Maintenance, upgrade and administration costs are reduced, while onboarding and offboarding processes are accelerated.
- **Scalability and adaptability:** Standardized systems can be easily scaled and adapted to new access points, users and technologies. Consequently, they remain flexible and up to date in the face of changing company requirements.
- **Compliance with regulations:** A homogeneous approach ensures consistent and comprehensive security measures for all access points, making it easier for companies to comply with cybersecurity regulations such as NIS 2.

First steps towards standardized access

The easiest way to get started is with a **universal RFID reader**, such as those offered by Elatec. [TWN4 series multi-technology readers](#) from Elatec support more than 60 RFID transponder technologies as well as digital credentials with NFC and BLE. This means that you can set up a standardized access and entry system that uses the transponder technology already in place for access at the entrance door, and thus ready your system for future challenges. The Elatec readers also offer:

- Support for Advanced Encryption to meet modern security standards.
- Remote update functions to simplify security patches and the addition of new transponder technologies and functions.

- A powerful software development kit to add advanced features or enable software integration.

Want to find out more? Visit Elatec at Security Essen

Whether you need to upgrade a PAC system or are looking for a standardized solution, the experts at Elatec are happy to help. Find Elatec at [Security Essen](#) in **Hall 6, Booth 6C13**.

Business Partner



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