

SAFETY IN PRODUCTION - FIVE TIPS FOR INTELLIGENT LOGICAL AND PHYSICAL ACCESS CONTROL



To ensure smooth processes and optimum protection for people, machines and data in a modern factory, an authentication solution is indispensable: it ensures that only authorized persons are granted access to systems and networks, as well as access to sensitive areas. There are important points to consider during implementation.

For smart, connected factory environments, an all-in-one authentication solution based on radio frequency identification (RFID) and Near Field Communication (NFC) and Bluetooth® Low Energy (BLE) mobile technologies is the right choice. It can cover a wide variety of applications with a single system - the spectrum ranges from access to robot control to access to clean rooms. Depending on the area of the company, the existing employee ID card as well as the smartphone or a keyfob can be used as the identification medium. It is simply held up to the corresponding reader to grant immediate access and entry. This reduces complexity and increases productivity, especially when numerous authentication processes are required per shift.

The following aspects must be considered when implementing a unified authentication solution:

- 1. needs analysis:** identification of the company's specific requirements for the authentication and access control system.
- 2. future-proof:** only a system that is scalable and offers regular updates and upgrades is the right solution in the long term.
- 3. integration option into existing infrastructure:** seamless integration of the solution into the existing IT landscape
- 4. flexibility:** multi-frequency readers from solution provider Elatec give companies the option of using identification media with different transponder technologies
- 5. continuous monitoring and optimization:** regular review of the implemented solution for effectiveness and adjustments as needed.

ELATEC's all-in-one authentication solution for the Smart Factory protects people, inventory and data. Find out now.

Author

ELATEC GmbH

Zeppelinstr. 1

82178 Puchheim, Germany, Phone: +49 89 552 9961 0, E-mail: info-rfid@elatec.com

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