

# AUTHENTICATION SOLUTION FOR SMART BUILDINGS

One system for all applications



**From office buildings to residential complexes — reliable and easy-to-use access control is an elementary component of every smart building. A uniform system that covers all required applications not only creates a high level of security for people, assets and data. It also increases the value of the property.**

Tenants, employees, visitors: many people move around inside a building. Real estate operators are therefore faced with the challenge of regulating access to the premises as well as to facilities in the building and limiting access to an authorized group of people. Who gets which authorizations depends on the respective user group: Tenants require different access and entry authorizations than office employees or cleaning staff. To cover these different requirements, a uniform authentication solution based on radio frequency identification (RFID) and mobile technologies, as offered by the authentication specialist ELATEC, is ideally suited.

All applications required for safe building operation can thus be integrated into a single system. This can cover access to the underground parking garage, charging of the e-car, elevator access to the right floor, and numerous other applications. If companies are located in the building, their employees can also use the authorization badge they use to access the office for time recording or logging into the company network.

A modern, uniform system improves security and offers a high level of convenience for users. In addition to the classic card, digital credentials on the smartphone, which is always at hand, can also be used as a means of identification. In this way, authentication works seamlessly: the card or smartphone is held up to the reader, and access is granted. Authorizations can be tailored to individual users and managed centrally.

But not only that: a well-thought-out authentication solution also increases the attractiveness of the property for tenants and buyers, and thus the value of the building. However, planning and implementing such a solution is complex and requires technical expertise. To avoid costly bad investments, real estate operators should therefore rely on the advice of specialized solution providers such as ELATEC, one of the world's leading providers of user authentication and identification solutions.

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