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6 Ways Electronic Access Technology Enables a More Connected Human Experience

INDIANAPOLIS, July 19, 2021 – Conversations about access technology have traditionally started and ended with securing a door. Integrating electronic access control solutions (EAC), and the data generated by the technology, into both business and everyday living enables innovation that makes life more convenient and connected. High level security is just the start.

EAC uses electric locks, a card reader, FOB, mobile app or other type of readers and credentials and controls access to which doors a person can enter. EAC solutions also generate significant amounts of data (known as electronic access data or EAD) that documents the actual use experiences of people in a building.

Smart property owners, managers and operators are becoming more intuitive about what this data can do and have started asking new questions about its capabilities. They are using it to learn more about their properties and provide rationale for improvements in many areas.

For example:

- How many people are moving from one place to another at any given time?
- Does this impact electric or HVAC needs?
- How much time is a person spending in a given location?
- Can people easily move between buildings, rooms or storage spaces like cabinets within a single healthcare, housing, business, or education campus?
- Do they have to use multiple access credentials (e.g., key, FOB, keycard, mobile app) in a given moment?
- What kind of maintenance efficiencies can be gained by performing specific duties at certain times of day when people are or are not likely to be present?
- Do we need a system that is easily scalable to support future growth?

This new data source can help resolve issues previously not associated with access control including improved operational efficiency and documentable cost avoidance. The benefits of connectivity show bottom line value beyond just convenience. By studying EAD, property owners, managers and operators can enhance:

1. **Safety** Increase overall safety and security
2. **Location** Track the movements of people to better understand crowd control or communications opportunities on premise
3. **Census** Adjust for patient census in healthcare settings
4. **Infrastructure** Provide inventory control
5. **Logistics** Direct resources such as electricity, HVAC, deliveries and other systems to the right areas at the right time for optimal energy efficiency, comfort and user convenience

6. **Customer Service** Create an ideal resident, worker or guest experience

As with most technology driven solutions, many providers exist, but not all are up to the tasks required for sustainable, high performing and scalable electronic access. The best solutions come from providers who control product development end-to-end at a holistic level. This allows them to integrate innovations across multiple access solutions clusters from traditional locks to sophisticated technology. They can offer the best solution for a specific need and ensure consistent, optimal performance. Realistically in day-to-day operations, most users have multiple systems already in place or specific property preferences. Smart providers can integrate their electronic access solutions within legacy systems for mutual benefit and have formed partnerships across the access control spectrum to deliver success.

Connected living and working is quickly becoming a must-have best practice rather than a future-state luxury. Electronic access technology and the data it generates have emerged as foundational elements to delivering a high-quality experience both organizations and users expect.

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About dormakaba

dormakaba is one of the top three companies in the global market for access and security solutions. With strong brands such as Dorma and Kaba in our portfolio, we are a single source for products, solutions, and services related to doors and secure access to buildings and rooms. With around 16,000 employees and numerous cooperation partners, we are active in over 130 countries. dormakaba is headquartered in Rümlang (Zurich/Switzerland) and generates an annual turnover of over CHF 2 billion.

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