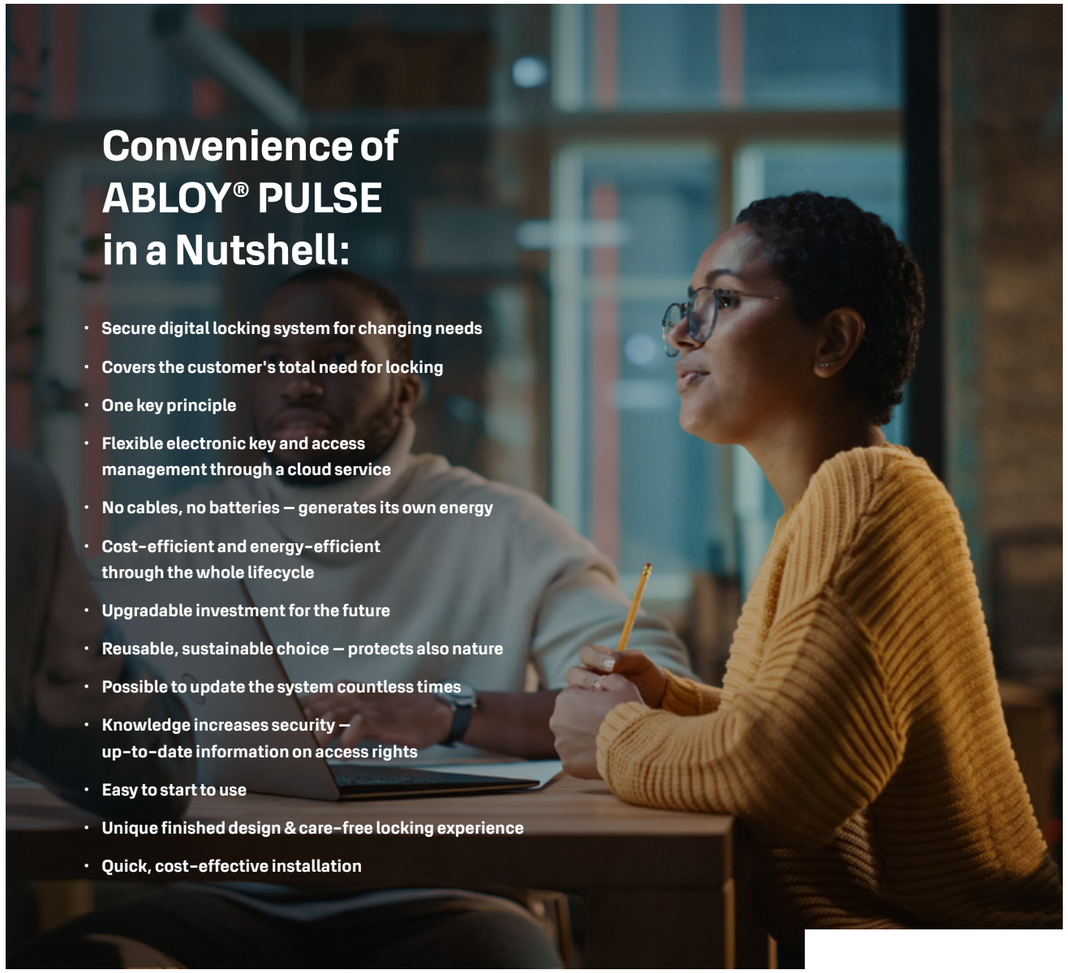
ABLOY® PULSE

A digital locking and access management system for changing needs

ABLOY

A Unique Locking System

ABLOY PULSE is a unique digital locking and access management system that does not require batteries or cabling: The system gets its operating power when key is inserted to cylinder. An easy-to-manage cyber-secure system offers a new kind of smoothness and security for offices and commercial buildings, educational institutions, healthcare and any small or medium-size locations where people and needs change frequently.



Convenience of ABLOY® PULSE in a Nutshell:

- Secure digital locking system for changing needs
- Covers the customer's total need for locking
- One key principle
- Flexible electronic key and access management through a cloud service
- No cables, no batteries – generates its own energy
- Cost-efficient and energy-efficient through the whole lifecycle
- Upgradable investment for the future
- Reusable, sustainable choice – protects also nature
- Possible to update the system countless times
- Knowledge increases security – up-to-date information on access rights
- Easy to start to use
- Unique finished design & care-free locking experience
- Quick, cost-effective installation

High Class Security for Changing Needs

Educational institutions

Offices & commercial properties

Health centers & service homes

Other small & medium size locations

Comprehensive Access Management

Access rights can be programmed into locks and keys according to user needs, allowing, for example, the removal of access rights for lost keys. There is no need for separate programming of locks, as information about changes spreads throughout the system through keys that have passed through the reader.

LOCKS

- Self-powered cylinders get their operating power when key is inserted to cylinder
- Retrofit – easy to upgrade from mechanical locking
- Top class digital encryption
- No mechanical masterkeying
- Wide range of products

KEYS

- One key principle with safe and easy-to-use symmetric key with LED indication
- Can belong to up to ten lock systems

PADLOCKS, CAM-LOCKS AND FURNITURE LOCKS

With the same key, you can open every lock from storage to maintenance and common area to private office room doors

MANAGEMENT SOFTWARE

- Easy, safe and flexible management via cloud service
- Access right management wherever, whenever
- For all devices
- Predictable and clear cost
- Keys transfer information in the system

UPDATING READER

- Enables updating the access rights and opening the door by showing the key to the reader
- Makes the lock remotely controllable and the information always up to date
- Also works without a network connection

KEY DEPOSITS

Key deposits can also be connected to the PULSE system

Cyber-Secure Locking System

The PULSE locking system employs state-of-the-art digital encryption technology, taking security to an entirely new level. SEOS®, developed by the ASSA ABLOY Group, is a patented and standardized technology that creates a secure encrypted and tamper-proof connection between system products. **Thanks to the upgradable encryption system, security is always up to date.**

Productive Reform

The old locking system can be cost-effectively upgraded to the PULSE locking system by replacing only the "lock's heart," i.e., the cylinder, while maintaining the appearance of the door. The locking of old asbestos fire doors can also be updated without replacing lock cases.

In addition to lower installation costs, this reduces metal waste and avoids asbestos work. Furthermore, with the PULSE locking system and its remote management, property management and maintenance costs can be reduced and anticipated.

Cost-Effective Throughout the Lifecycle

PULSE enables the best long-term return on investment. Its costs are easily predictable. It is a sustainable investment for developers, as the cloud-based system is ready to expand according to changing needs and meet future requirements.

Built-in sustainability

- No batteries or wiring: the system gets its operating power when key is inserted to cylinder
- Remote management of the system saves driving miles
- The reusability of keys and locks reduces waste
- Old ABLOY locking systems can be upgraded to PULSE using existing parts
- Less metal waste and asbestos work

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ABLOY offers security and locking innovations dedicated to creating more trust in the world. Combining digital and mechanical expertise, Abloy Oy develops industry-leading security solutions that protect people, property and business. Abloy is part of the ASSA ABLOY Group, the global leader in access solutions. Every day, we help billions of people experience a more open world.

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Abloy maintains Product Security Center at www.abloy.com/securitycenter. We recommend that You check the Center on a regular basis in order to be fully informed of product security updates, so that your knowledge of our products remains optimal.

It is the customer's responsibility to define the required level of security , whilst taking into consideration relevant factors for its operations . To achieve the overall level of security required in the customer's operations multiple layers of security must be in place . These include for example locking system , key management system , access management, CCTTV and alarm system as well as physical security in a manner and level specified by the customer.

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MANAGEMENT SYSTEM CERTIFICATION
DNV
ISO 9001 • ISO 14001
ISO 45001 • ISO/IEC 27001

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