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otcaccess
Access Control with One Time Code

Access Approved

Smart Latch Solution

More than just locks. Find out why.

Discover more about the features and benefits of the Smart Latch solution
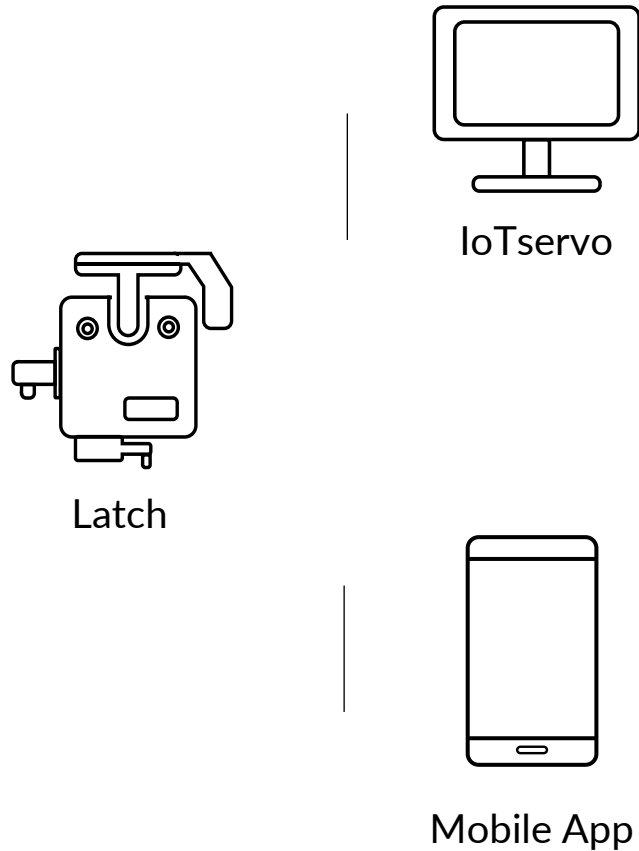
The Smart Latch has been designed for any cabinet or ATM top box.

The lock is completely inside the cabinet. It is invisible from the outside and perfect for locations where there is no external space.

It is used with the Mobile App via Bluetooth.

The Smart Latch consists of the following elements

IoTservo

Latch

Mobile App

Centralised Monitoring & Management Application

Users, locks and schedules are centrally managed via the remote management application, IoTservo.

All access related events can be monitored in real-time.

Mobile App

The Latch only opens if the user credentials and schedule have been validated.

If everything is correct, the user can request the One Time Code (OTC). The OTC is automatically generated by the central application and sent directly to the lock via the Mobile App.

Features & Benefits

No physical keys

The inefficiencies, costs and security risks of handling and managing physical keys and tags are eliminated. Real-time One-Time-Codes (OTCs) are used to open the Smart Latch instead of physical keys.

Defends against unauthorised openings

The Smart Latch only unlocks once the schedule, lock and user credentials have been validated. If one of these parameters is not valid, the lock will not unlock

Out of sight

The Smart Latch is designed to be invisible from the outside. It is installed on the back of the ATM top box or cabinet door. The advantage of this design is that it can be installed where there is very limited space. Also, there is no risk of the lock being damaged or vandalised.
The lock is fast and easy to unlock via the Mobile App.

User-friendly Mobile App for OTC access

The OTC can be sent directly to the Smart Latch via the Mobile App. All Mobile App communications are via encrypted Bluetooth or NFC. Each authorised user is registered in the system with their individual mobile phone IMEI and PIN. Mobile phone user access can instantly be added or removed remotely using the centralised management application. The Mobile App includes an OTC wallet which stores valid, upcoming, expired and used OTCs.

Centralised scheduling & remote management

Lock access schedules for service personnel are created and approved centrally. An access schedule is created for each user or group of users which defines the access hours and days, according to their permissions. In some circumstances, access for a user can be instantly removed, even if access has been pre-approved for that user.

Third party secure access to scheduling and management system

If required, shared access partners can be granted access to all or part of the management application, according to their permissions. This results in cost savings and improved efficiency. When there is a change of partner or partner's personnel, there is no time-consuming need for 'vendor meets' to manually 'shelve' a lock on-site.

Audit trail

The timings of open and close events and user credentials are automatically sent to the central management application and stored for auditing purposes if the Controller and Secure Latch are connected and online or if the Mobile App is used. Manual download is also possible.

Alert notification and escalation

Business rules can be defined and alerts generated if there is unusual activity. For example, if the lock remains unlocked for a longer than defined period of time. These alerts can be sent directly to the security company, for example, via email or SMS.

Flexible power options

The Smart Latch is powered either from the ATM, the PC core or an external power supply. As a back-up, the Smart Latch can be powered via USB or battery.

Extremely strong and secure

The Smart Latch is extremely strong and can withstand 4000N force due to its unique two-hook locking system, with a hook on both sides.
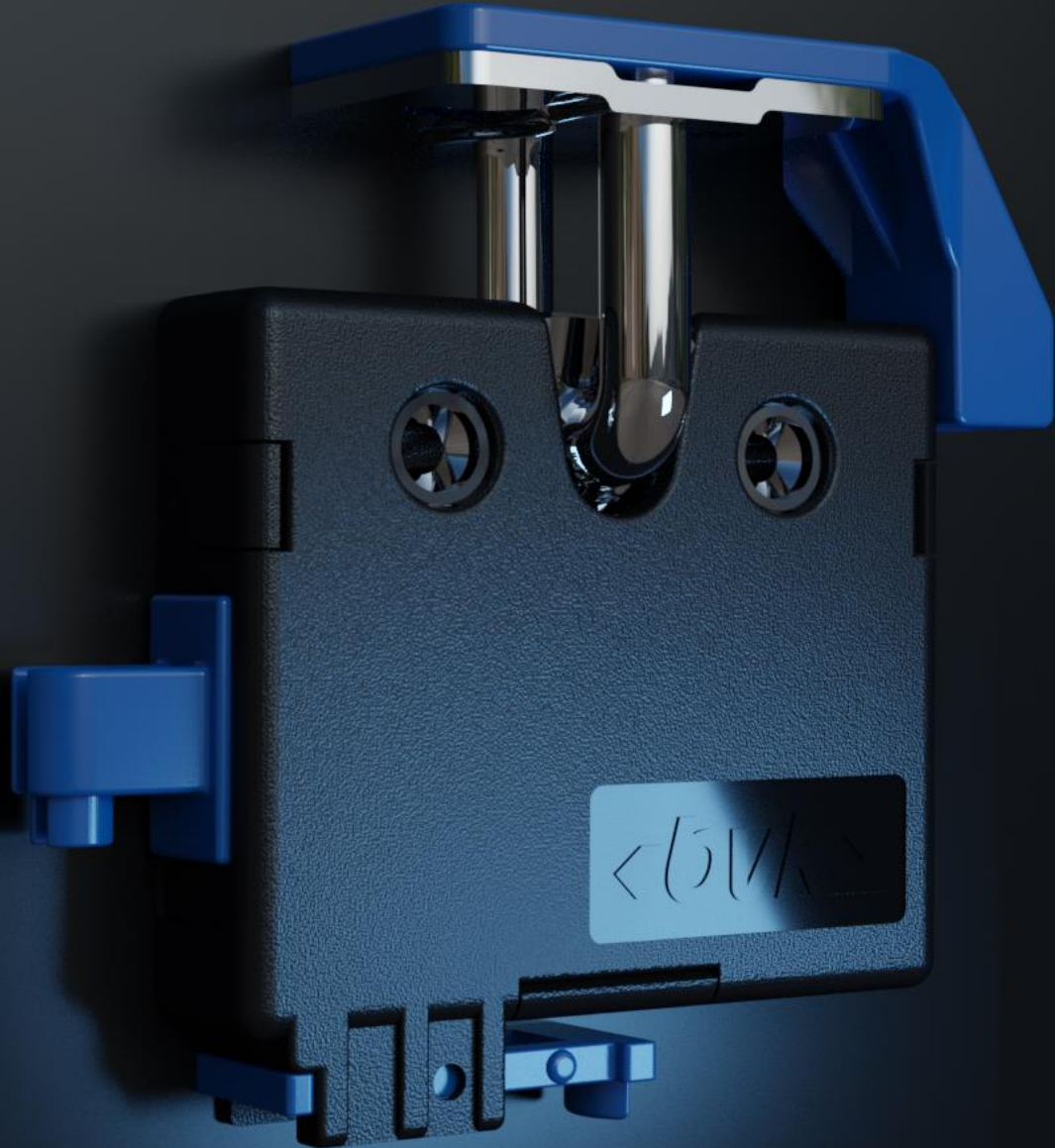
Integrated lock & door status

Intelligent sensors ensure that both the lock and the door have been closed. For example, if the door has not been closed, even though the lock has been locked, an alert will be generated.

Reduced carbon footprint

Since there is no need to collect keys from key centres and return them, fuel costs relating to travelling are eliminated.
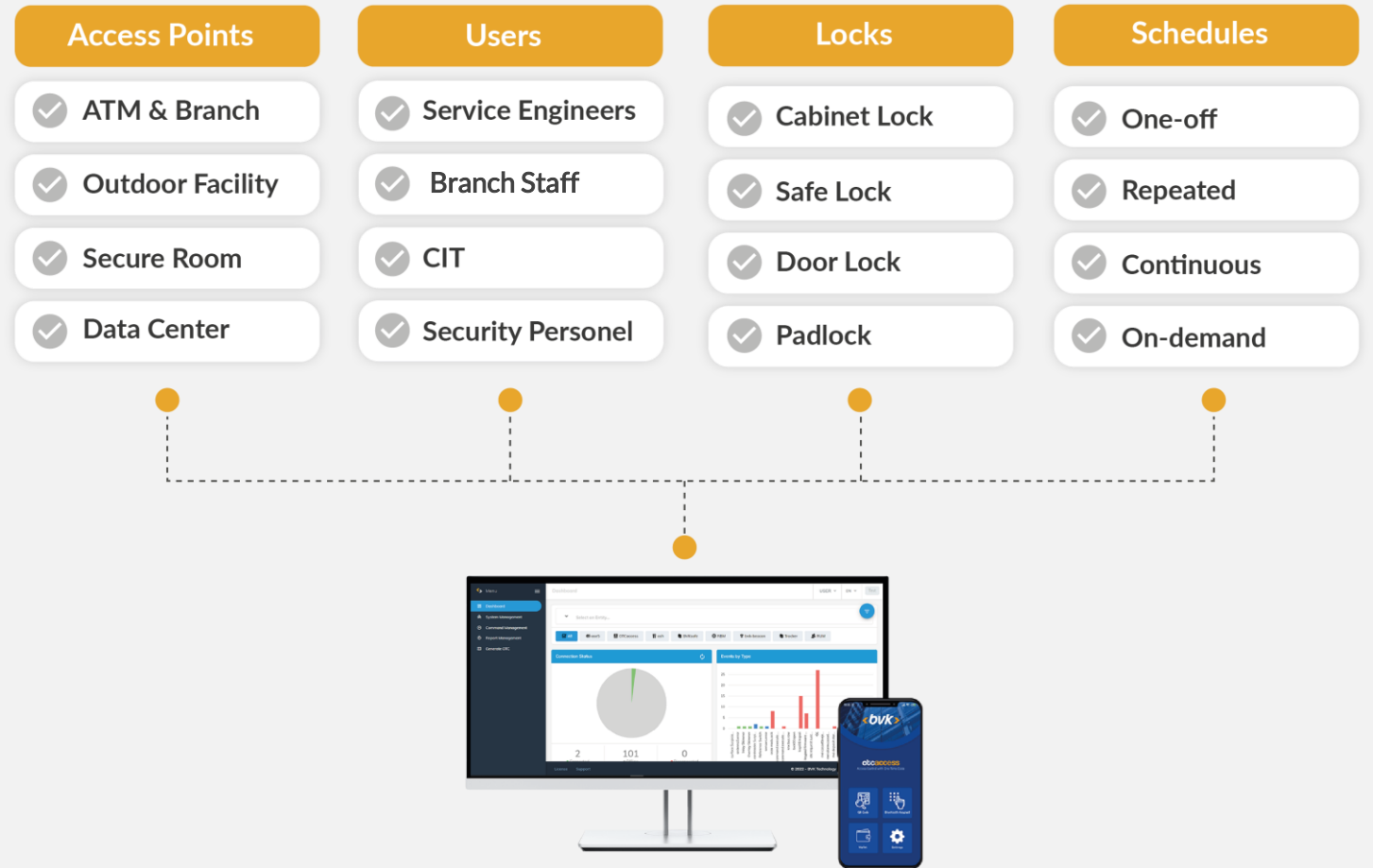
Top Reasons to install Smart Latch

1. Perfect for any ATM top box or cabinet
2. No physical keys. Secure OTCs
3. Remote management of users and locks
4. Extremely strong and secure; 2-hook locking system
5. Invisible from the outside; no risk of vandalism
6. Audit trail and event based alerts

BVK Key-less lock solutions

All managed and controlled by BVK's centralised management application, IoTservo

Access Points
- ATM & Branch
- Outdoor Facility
- Secure Room
- Data Center

Users
- Service Engineers
- Branch Staff
- CIT
- Security Personel

Locks
- Cabinet Lock
- Safe Lock
- Door Lock
- Padlock

Schedules
- One-off
- Repeated
- Continuous
- On-demand