



Sirius Safe Lock DC/RC Solution Infosheet

More than just locks. Find out why.

Discover more about the features and benefits of the Sirius DC/RC Safe Lock in this infosheet

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The Sirius Safe Lock has been designed for any safe or door on a vault or strong room. Perfect for locations where the highest levels of security are required. The Sirius Safe Lock is offered in both Rotobolt and Deadbolt variants.

The lock comes with a separate Controller (either C1 or C5) which is installed inside the safe or behind the door.

If used with the Mobile App, there is nothing to see on the outside of the door. Or it can be used with the Smart Keypad which is installed on the door.



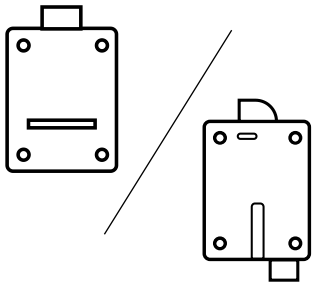
Sirius Safe Lock RC



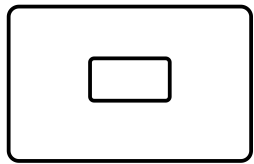
Sirius Safe Lock DC



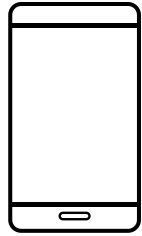
The Sirius Safe Lock solution consists of the following elements



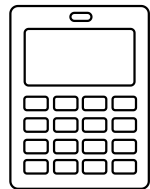
Sirius Safe Lock DC/RC



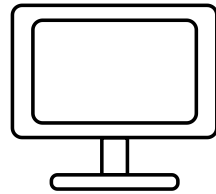
Controller



Mobile App



Smart Keypad



Centralised Monitoring & Management Application, IoTservo

Controller (either C1 or C5)

The Controller houses the intelligence which controls the Sirius Safe Lock and communicates with IoTservo. The C1 model can individually control up to 30 BVK Secure Safe, Cabinet and Door Locks and the C5 up to 90.

Smart Keypad

If the user credentials and schedule have been validated, the One Time Code (OTC) is generated by the System Administrator. The OTC is then sent to the user to manually enter into the Smart Keypad.

Centralised Monitoring & Management Application

Users, locks and schedules are centrally managed via a single remote management application, IoTservo. All access related events can be monitored in real-time.

Mobile App

The Sirius Safe Lock 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

Highly secure and out of sight

Sirius Safe Lock is invisible from the outside because it has been designed to be installed on the back of the safe, vault or strong room door. This makes it highly secure and there is no risk of the lock being damaged. The lock is fast and easy to unlock via the Mobile App. Alternatively, the OTC can be entered manually into the Smart Keypad.

Defends against unauthorised openings

Sirius Safe Lock 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.

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 Sirius Safe Lock instead of physical keys.



User-friendly Mobile App for OTC access

The OTC can be sent directly to the Controller and Sirius Safe Lock via the Mobile App. All Mobile App communications are via encrypted Bluetooth. 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 holds the OTCs ready for use when there is no data connection available.



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

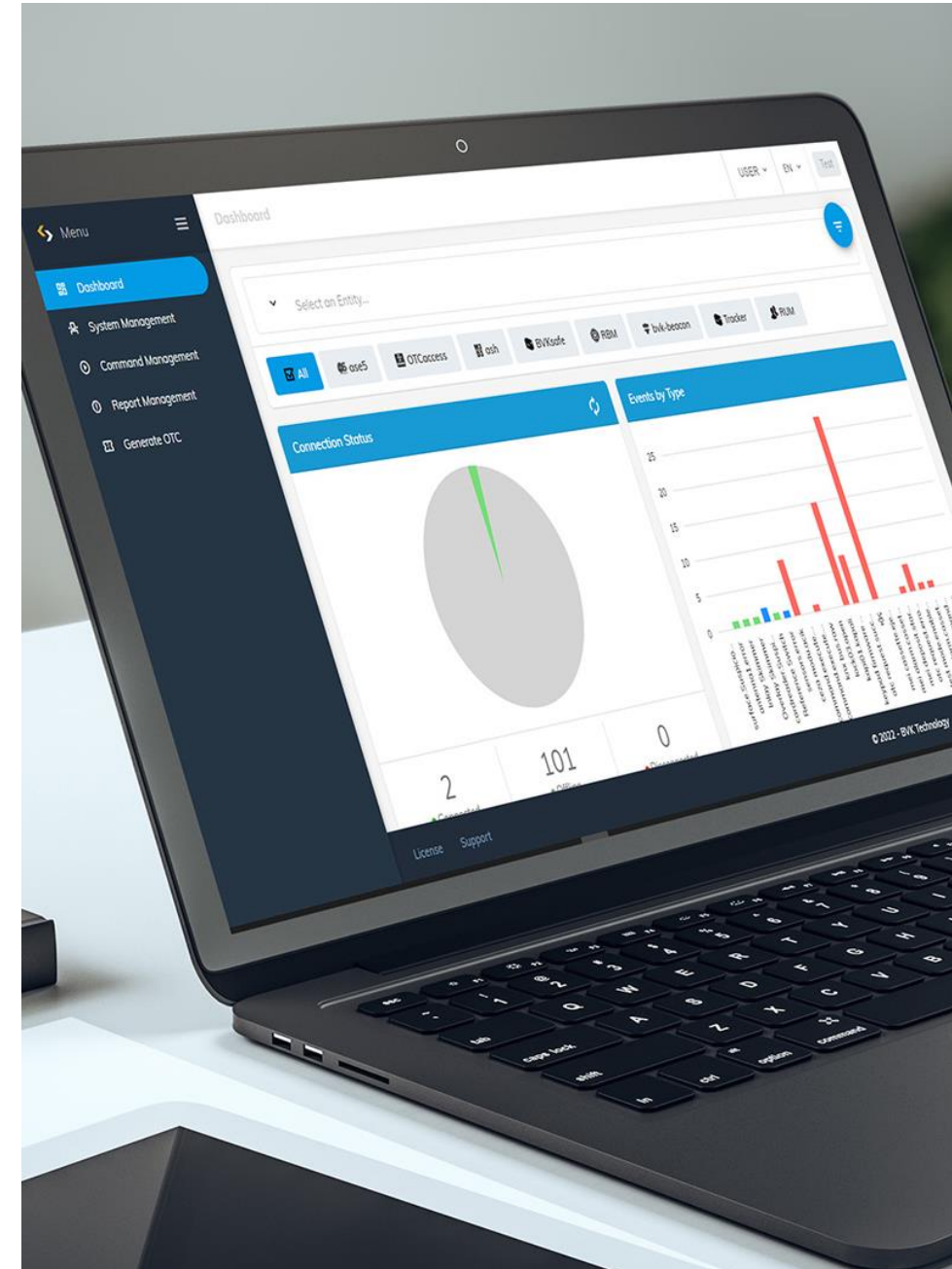
If required, shared access partners can be granted access to all or part of the management application, according to their permissions. This results in cost savings and improved efficiency. When there is a change of partner or partner's personnel, there is no time-consuming need for 'vendor meets' to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



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.

Close code option

If required, a close code can be generated, based on the closed status of the lock and door. If the Controller is connected and online, the close code will be sent automatically to the central Management Application for the audit trail. However, if the Controller is offline, the User will notify the System Administrator of the close code.

Unique automatic bolt movement

The Sirius Safe Lock DC is unique because once the OTC process is complete, there is no need to manually do anything to open the Lock. The Bolt automatically moves, and the door can be opened.

Voltage attack protection

Since all the communications between the Sirius Safe Lock and the Controller are encrypted, an external voltage attack will not trigger the lock to unlock. The Lock has built-in protection against external commands which are not generated by the Controller.

External power

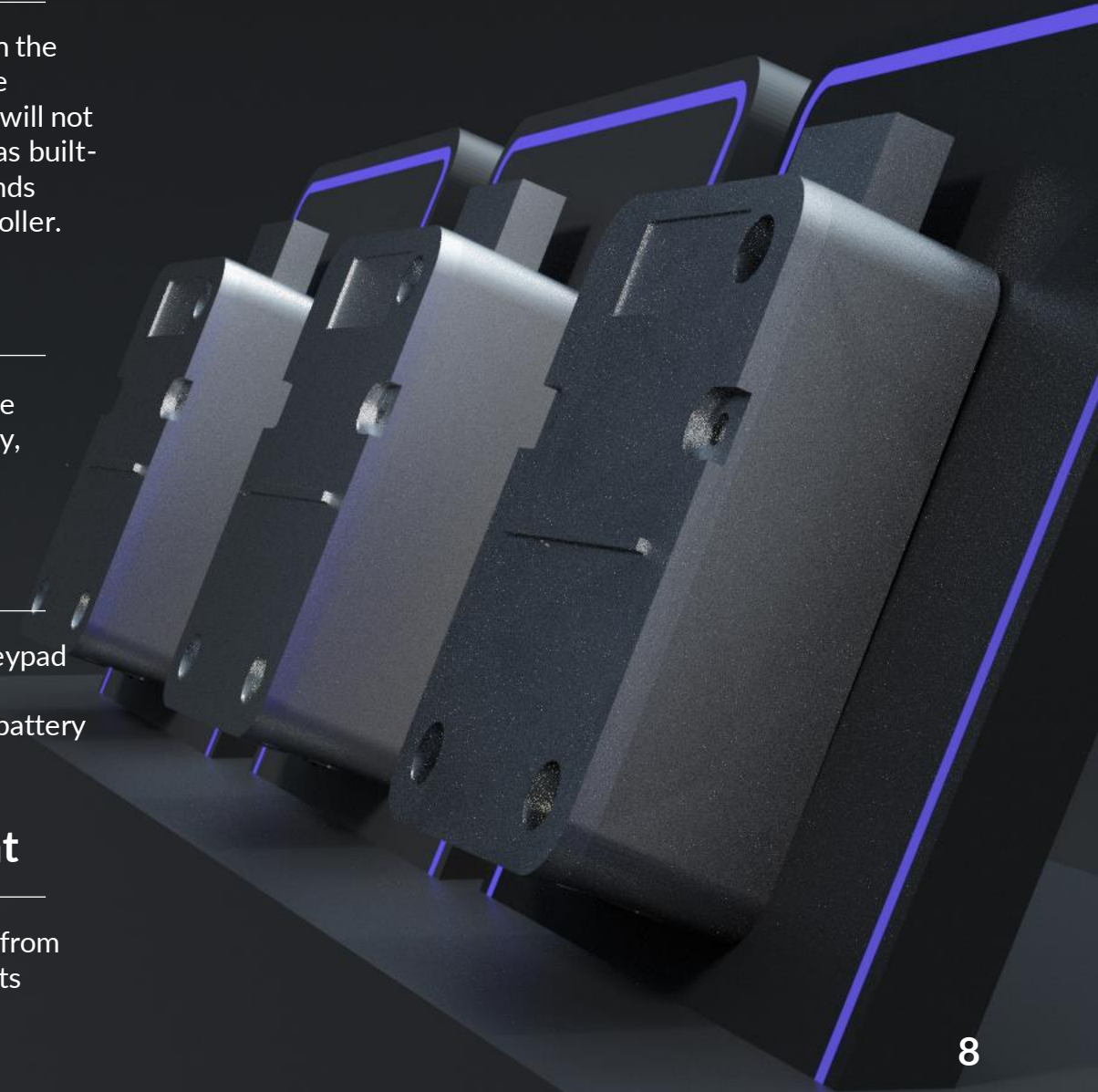
The Sirius Safe Lock is managed by the Controller which is powered externally, including the ATM power supply.

Back-up power supply

If used with the Smart Keypad, the Keypad provides a back-up power supply via temporary connection to an external battery or power bank.

Reduced carbon footprint

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



Smart Keypad for manual OTC access

The Smart Keypad is used for the manual entry of the OTC and provides a back-up power supply. There is a secure process whereby some functions can be performed via the Keypad including FLM/SLM issue reporting and retrieval of audit logs. Since the Keypad serves only as the interface between the User and the Controller, no data is stored inside the Keypad, there are no security risks.



Back-up power supply

If used with the Smart Keypad, the Keypad provides a back-up power supply via temporary connection to an external battery or power bank.



Controller benefits

Cost savings from unique scalable architecture

Depending on the requirements of the deployer, a single C1 or C5 Lock Controller can manage multiple BVK locks (Safe, Cabinet and Door Locks) individually. The C1 manages up to 30 locks and the C5 manages up to 90.

Highly cost effective

Since the Controller can be used with numerous locks, the complete key-less solution is highly cost effective to deploy.

Flexible connectivity options

The Controller can be online in various secure ways, depending on the deployer's requirements. These include USB, Wi-Fi, NBloT (C1 and C5) and Ethernet (C5).

Remote monitoring and management

Users, locks and schedules are centrally managed via a single remote management application, IoTservo. If the Controller is connected and online, all access related events are monitored in real-time.

Integration with alarm panel

The Lock Controller can be integrated with the existing alarm panel. This means that all alerts are sent to the alarm panel and action can be taken according to defined business rules.

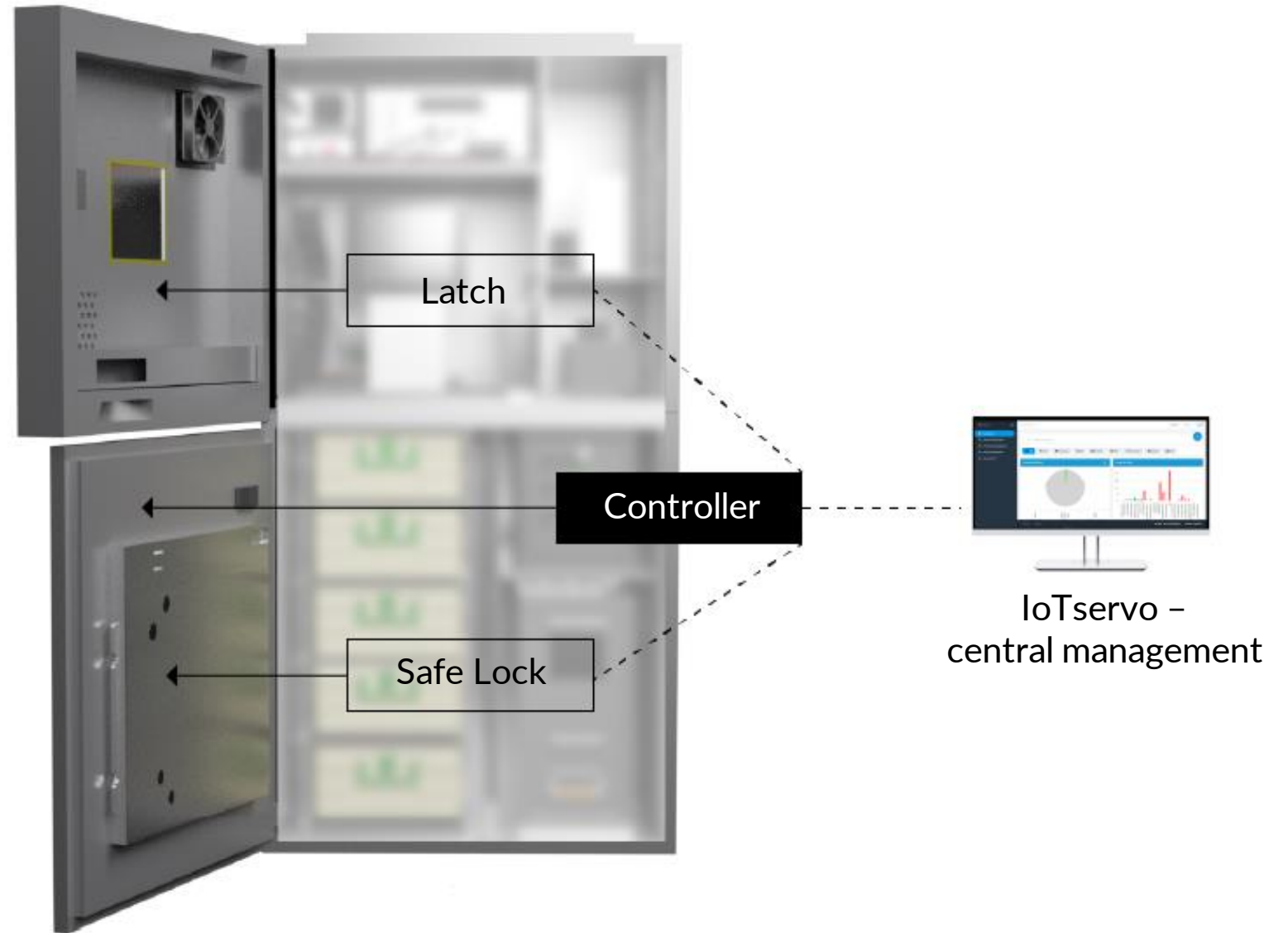
Bluetooth support for Mobile App access

The Controller is Bluetooth enabled, which means that the Mobile App can communicate the OTC to the Controller directly to unlock the Lock.



Our flexible solution design can be tailored to your access requirements.

Managing multiple locks from one controller is easy to use and brings significant cost savings and operational efficiency.



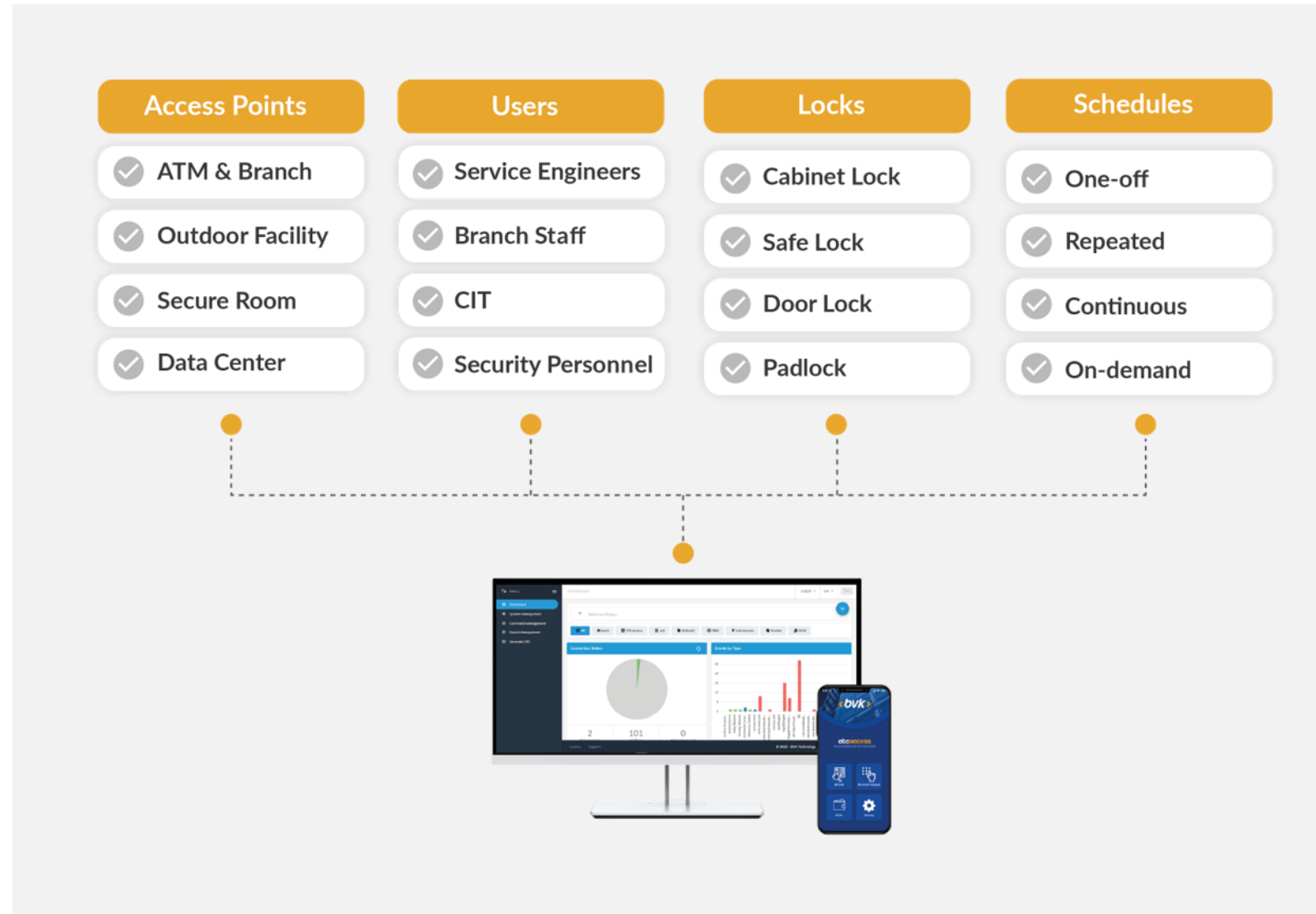
Top Reasons to install Sirius Safe Lock

1. Perfect for any safe, vault or secure room door
2. No physical keys. Secure OTCs
3. Remote management of users and locks
4. Out of sight design; Controller securely located behind the door
5. Audit trail and event-based alerts
6. Cost savings. Controller can manage up to 90 different locks



BVK Key-less lock solutions

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





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