

<bvK>



# Lynx Latch CC

Infosheet

More than just locks. Find out why.

# Discover more about the features and benefits of the Lynx Latch CC in this infosheet

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The Lynx Latch has been designed for any cabinet, ATM top box or door.

The lock is invisible from the outside and perfect for locations where there is limited external space.

Lynx Latch CC can be paired with a Cosmic controller (either C1 or C5) when there is a requirements to manage multiple locks





## BVK Technology wins silver medal for the innovative Lynx Latch patent at ISIF'23

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# Types of Lynx Latches



## Lynx Latch CC

- The lock comes with a separate Controller (either C1 or C5), installed behind the door
- The lock comes with a Smart Keypad, installed on the door
- The lock is managed by the Controller which is powered externally
- Can be used with the Mobile App via Bluetooth

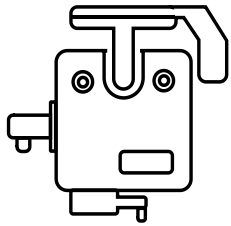


## Lynx Latch UB

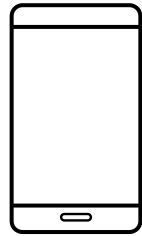
- The lock is used with the Mobile App via Bluetooth or NFC
- The lock is powered externally

# The Lynx Latch CC solution consists of the following elements

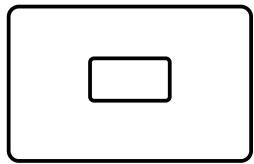
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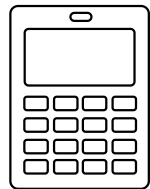
Lynx CC



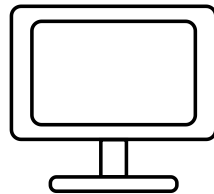
Mobile App



Controller



Smart Keypad



Centralised Monitoring & Management Application, IoTservo

## Controller

The Controller houses the intelligence which controls the Lynx Latch and communicates with IoTservo. The C1 model can individually control up to 30 BVK Safe, Cabinet and Door Locks and the C5 up to 90. This means, for example, that one Controller can manage a latch and a safe lock.

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

## Mobile App

The Lynx 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 to the controller and the lock via the Mobile App.

# Features & Benefits

## Highly secure and out of sight

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The Lynx 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 through Bluetooth. Alternatively, the OTC can be entered manually into the Smart Keypad

## Defends against unauthorised openings

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All Lynx Latch variations only unlock 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

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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 Lynx Latch instead of physical keys.



## 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.

## External power options

The Lynx Latch CC is managed by the Controller which is powered externally, for example the ATM power supply.

## Dual access option

If required, the OTC access process can be set up for two or more Users. The Lock will not unlock unless both, or more, Users have entered their OTCs.



## User-friendly Mobile App for OTC access

The OTC is sent directly to the Lynx Latch 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 monitoring & 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 Lynx Latch is connected and online or via the Mobile App. 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.

## Smart Keypad for manual OTC access

The Smart Keypad is an optional feature. It 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.



## Remote monitoring and management

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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.

## Highly cost effective

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

## Integration with alarm panel

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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.

## Flexible connectivity options

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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).

## Bluetooth support for Mobile App access

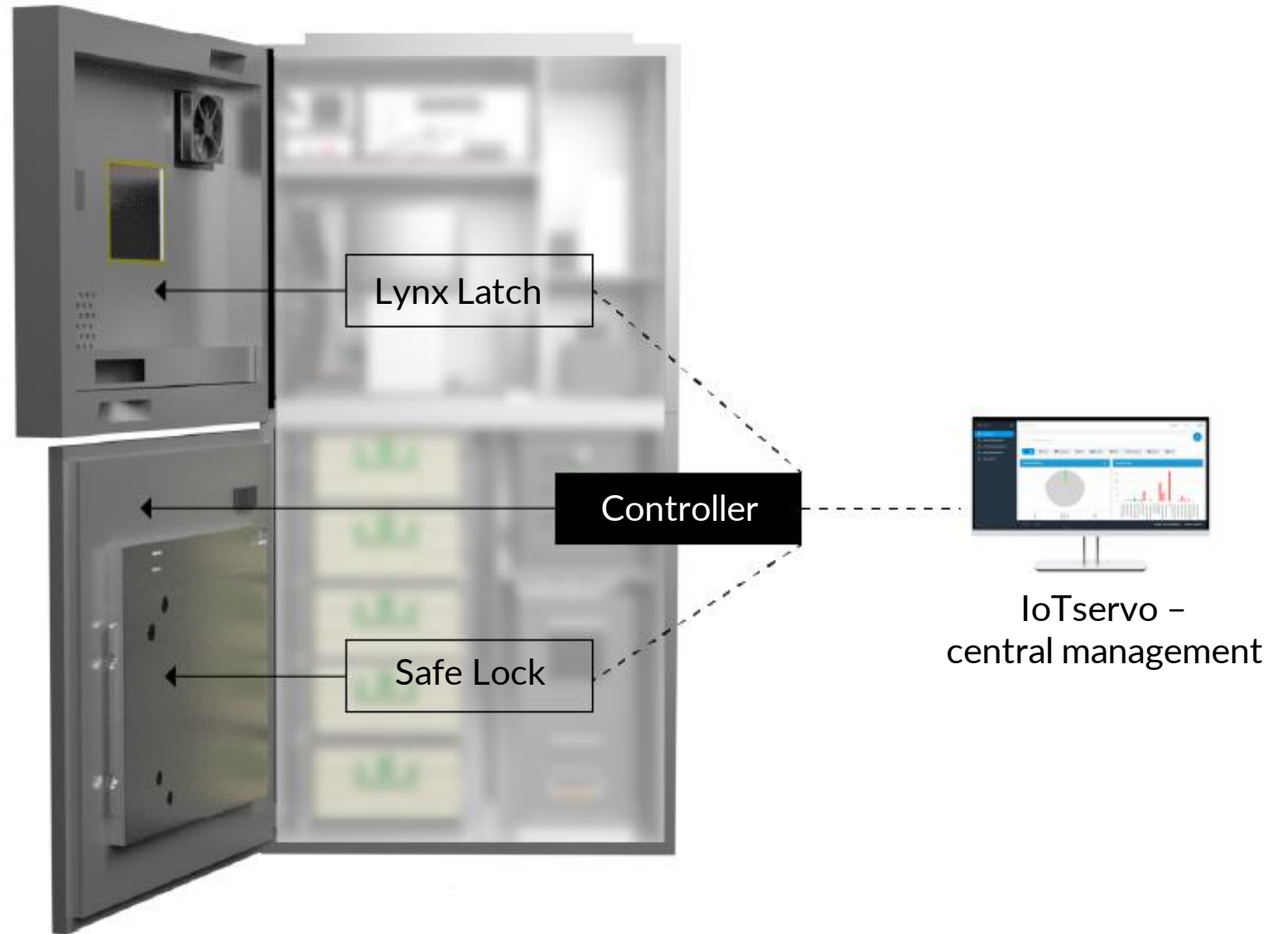
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The Controller is Bluetooth enabled, which means that the Mobile App can communicate the OTC to the Controller directly to unlock the Lock.



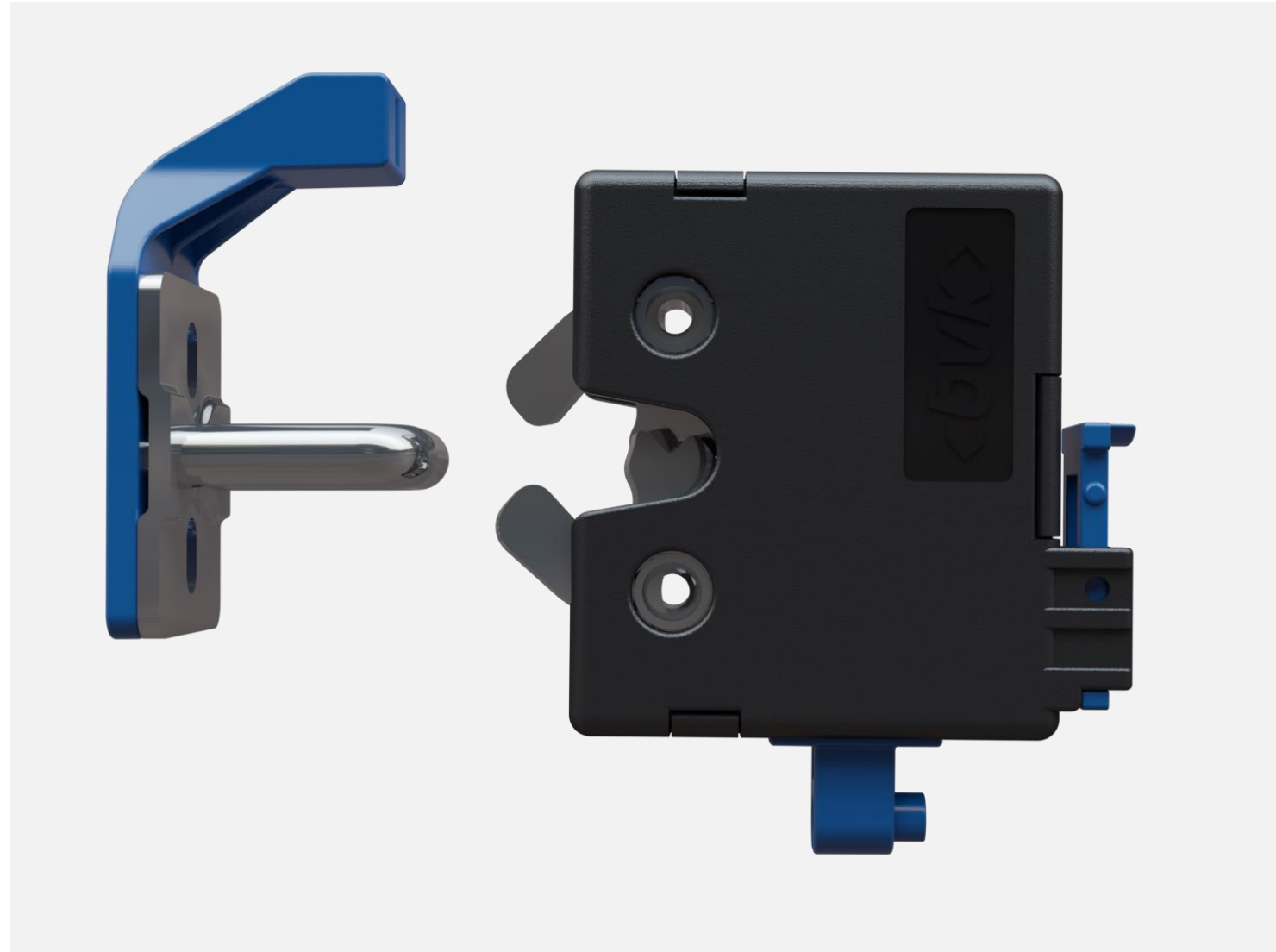
**Our flexible solution design can be tailored to your access requirements.**

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



## Top Reasons to install Lynx 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. 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

