



Pulsar Padlock

More than just locks. Find out why.

Discover more about the features and benefits of Pulsar Padlock in this datasheet

- Features & benefits.....4
- Top reasons to install Pulsar Padlock....8

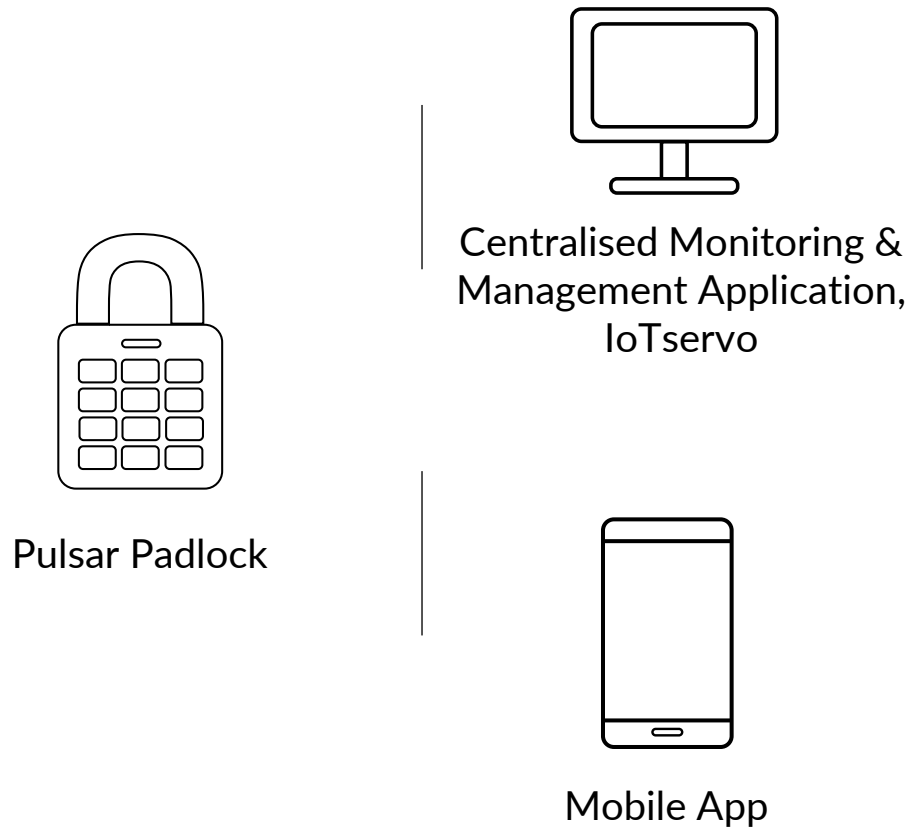
The Pulsar Padlock has been designed for any outdoor or indoor use, with a choice of 3 different sizes of shackle.

The Padlock has a hardened stainless-steel body and a unique 4 point locking mechanism making it highly secure and resistant to criminal attacks.

Instead of physical keys, the Padlock is used with the Mobile App via Bluetooth or NFC and opened with a One Time Code. The OTC can also be entered manually into the keypad.



The Pulsar Padlock consists of the following solution elements



Centralised Monitoring & Management Application

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

Mobile App

The Pulsar Padlock 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 can be sent directly to the lock via the Mobile App or entered manually by the user via the integrated keypad.

Features & Benefits

No physical keys

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

Defends against unauthorised openings

The Padlock 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.

Unique 4 point locking mechanism

The shackle is held in place by a unique 4 point locking mechanism which makes the Padlock highly secure and resistant to criminal attacks.

Choice of 3 shackle sizes

A choice of 3 sizes of shackle means that the Padlock can be used to protect a variety of valuable assets or access points in any location.





Weatherproof design

Suitable for any indoor environment, the Padlock is also perfect for outdoor locations because it is dust proof and water resistant when the shackle is closed.

Long-life battery and power back-up

The Padlock is powered by long-life battery. The battery is woken up at the time of opening. The rest of the time, the battery power is not consumed. In the case of an emergency, the Padlock can be powered up with a power bank.

Secure battery access

The battery has a cover which cannot be removed before the shackle is totally opened with a unique OTC. The battery can only be reached once access has been approved.

User-friendly access

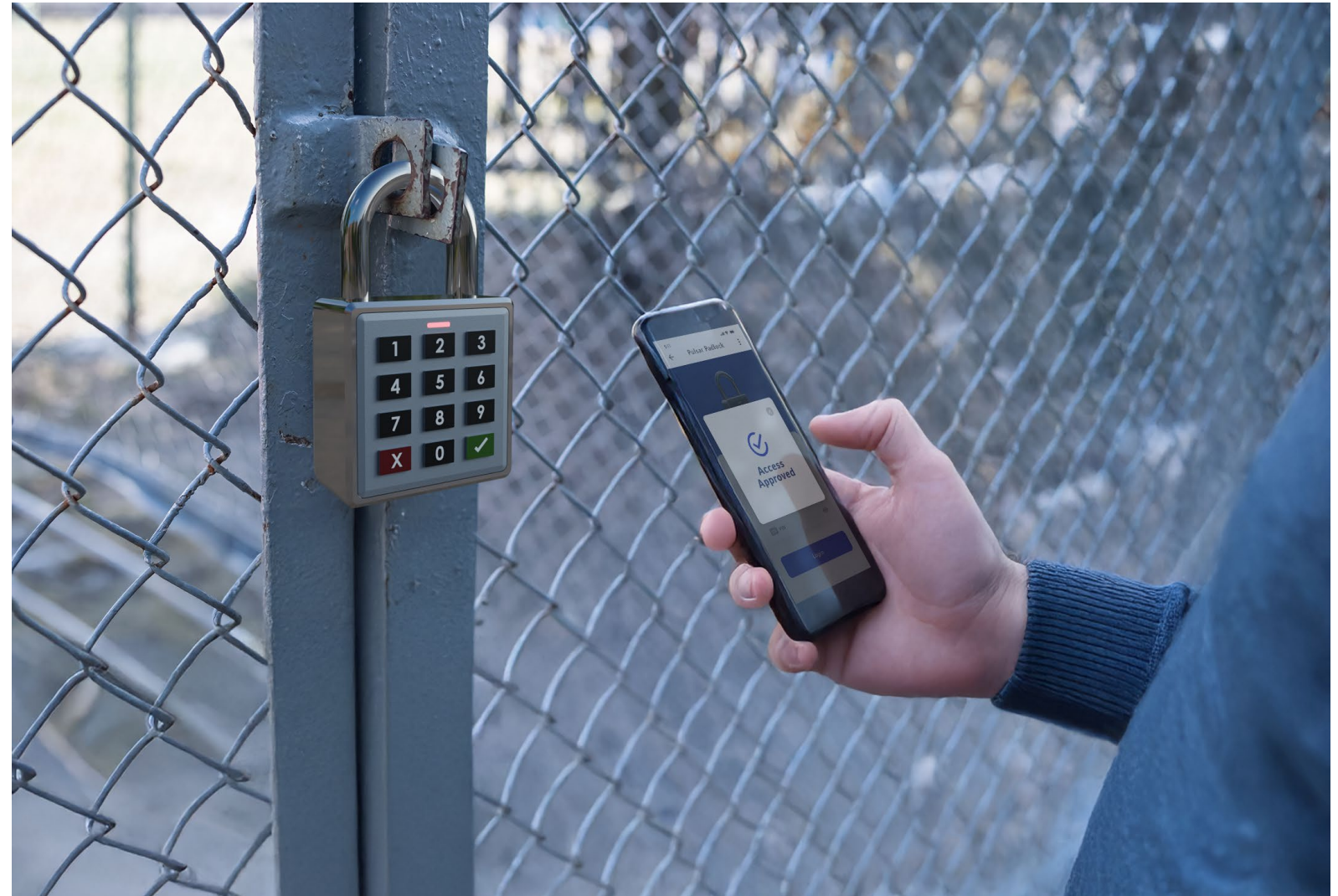
The Padlock is fast and easy to unlock via the Mobile App or via manually entering the OTC into the integrated keypad.

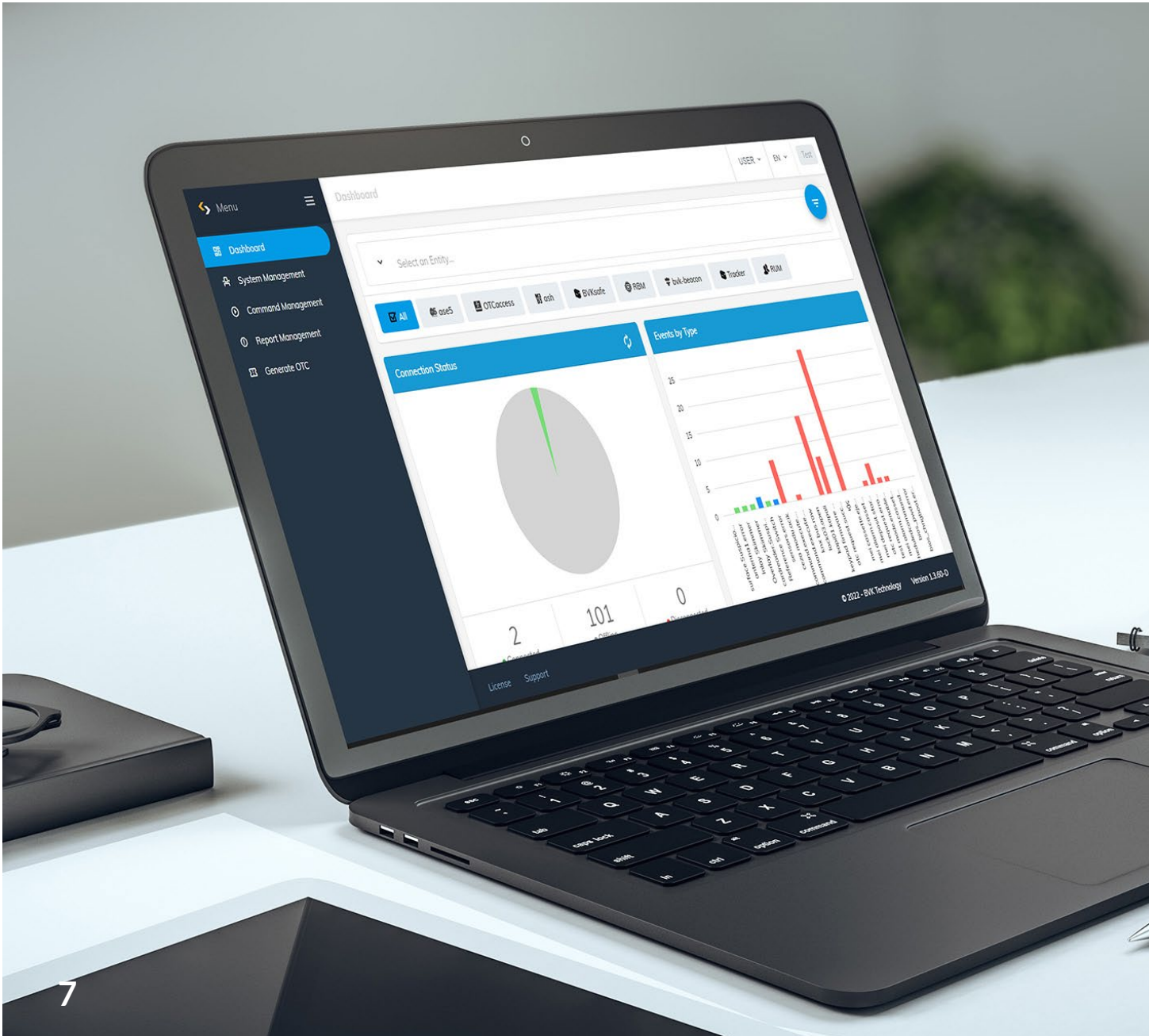
User-friendly Mobile App for OTC access

The OTC can be sent directly to the Pulsar Padlock via the Mobile App. Mobile App communication is via NFC and 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.

Top Reasons to install Pulsar Padlock

1. Perfect for any outdoor and indoor use
2. No physical keys. Secure OTCs
3. Unique 4 point locking system which protects against criminal attacks
4. User-friendly access via Mobile App or keypad
5. Remote management of users and locks
6. Choice of 3 shackle sizes



BVK Key-less lock solutions

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

