



# Mobile Credential

- An ecosystem with different vendors and products



## **BLE, Bluetooth low energy**

Mobile ID through BLE allows short or long-distance communication between reader and smart device



## **NFC, Near Field communication**

Mobile ID through RFID and NFC allows short distance communication between reader and smart device

The Mobile ID Platform is an End-to-End Secured Token based Mobile Credential Solution designed for combine Stand-alone and Access Control System. It allows to share mobile credentials to any end-user to gain access to doors, cabinets or other assets using a mobile device.

The solution consists of a secure mobile credential provisioning service, administration and service applications, end-user applications, libraries for integrating various hardware and locks with the platform and a highly secure token-based protocol enabling full off-line and stand-alone operation.

### **Ease of installation**

The reader configuration is done simply by the app that configures all data and secure keys to the reader. Once installed, the reader is immediately ready for use.

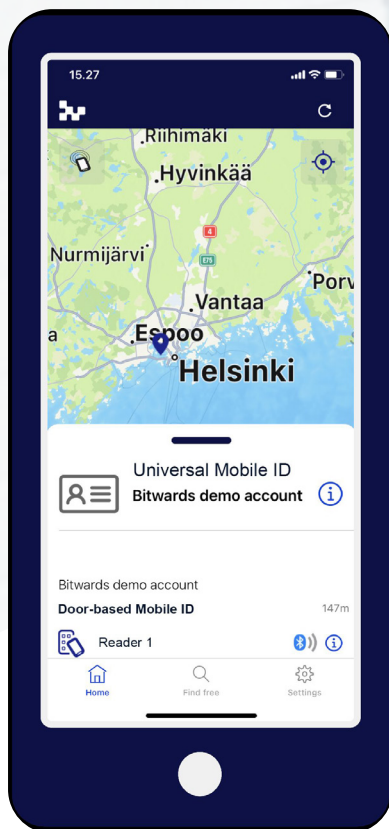
### **Easy to manage & distribute credentials**

With the Serix Online portal it is easy to manage both the mobile and physical credentials, in the portal it is easy to issue as well as revoke the Mobile IDs.

# The Platform is divided in two parts, off-line locks and online systems

## Bitwards Mobile Access Service

Bitwards Mobile Access is a cloud-based access control solution supporting off-line locks and door controllers. The hardware does not need any network connections and can function fully in stand-alone state offering quick and easy installation without the need of and can be operated in parallel with an existing access control system.



## Using the app

The app can be used for Remote access by pressing the credential or door name or proximity access by keep the phone near the reader.

## Bitwards Mobile ID Service

Bitwards Mobile ID solution offers mobile credentials for customers using their existing access control software. The credentials co-exist with RFID cards and other tokens already in use. The service can be connected to any access control system.

### Simplicity for mobile users Universal Mobile ID

Works like traditional access card but in mobile: the user doesn't know to which door their credential is for, they just approach the door, show the credential and the door opens if they have the access right. Easy to manage large number of users. No door groups need to be added in Bitwards to create the mobile ID for the user. The door data is transferred directly from customers Access Control.

### Door-based Mobile ID

Allows users to open a specific door or gate from a longer distance, the distance is determined by the Bluetooth range which is on average 20m or more. The administrator can easily manage the door groups in the cloud dashboard to allow who has this opening option.

This option also allows to open a door remotely within a Bluetooth range.

