



BITWARDS

ACCESS GRANTED.

MOBILE ID SERVICE



THE PROBLEM

Access Control Systems are designed to protect facilities or specific areas by allowing access only to authorized persons. The systems incorporate readers located at doors or access points, which authenticate persons by means of a physical credential such as an RFID card. These readers convey the authenticated credentials to the actual access control system which then makes decisions to allow or deny the access for the persons and then controls the locks accordingly.

Plastic RFID access cards have long been the dominant form of identity verification. While they still govern access for most installed systems, they need to be physically distributed and managed adding cost and inflexibility to the overall facility management process. This manual administration of the RFID cards also poses major challenges in the introduction of new service models requiring higher flexibility in space and visitor management.

THE SOLUTION

The Bitwards Mobile ID Service is a mobile access control solution that allows users to authenticate in access control readers with their mobile phone. It's fast and reliable offering users the choice to use either Bluetooth or NFC for authentication. The service works on all available Android and iOS devices.

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AUTOMATE YOUR CARD MANAGEMENT

Mobile ID's are credentials that are used as an alternative for physical RFID cards. The ID's are issued and managed in the Bitwards Mobile ID service and are transferred to users' mobile phones which they can use to authenticate to desired access control readers.

Distribution of the Mobile ID's is completely automated and frees the administrators and users from manual card management and handling allowing you to save costs and focus on growing your business. The service works parallel with existing access control systems offering you the freedom to maintain your existing access card population while issuing mobile ID's to all current and new users.

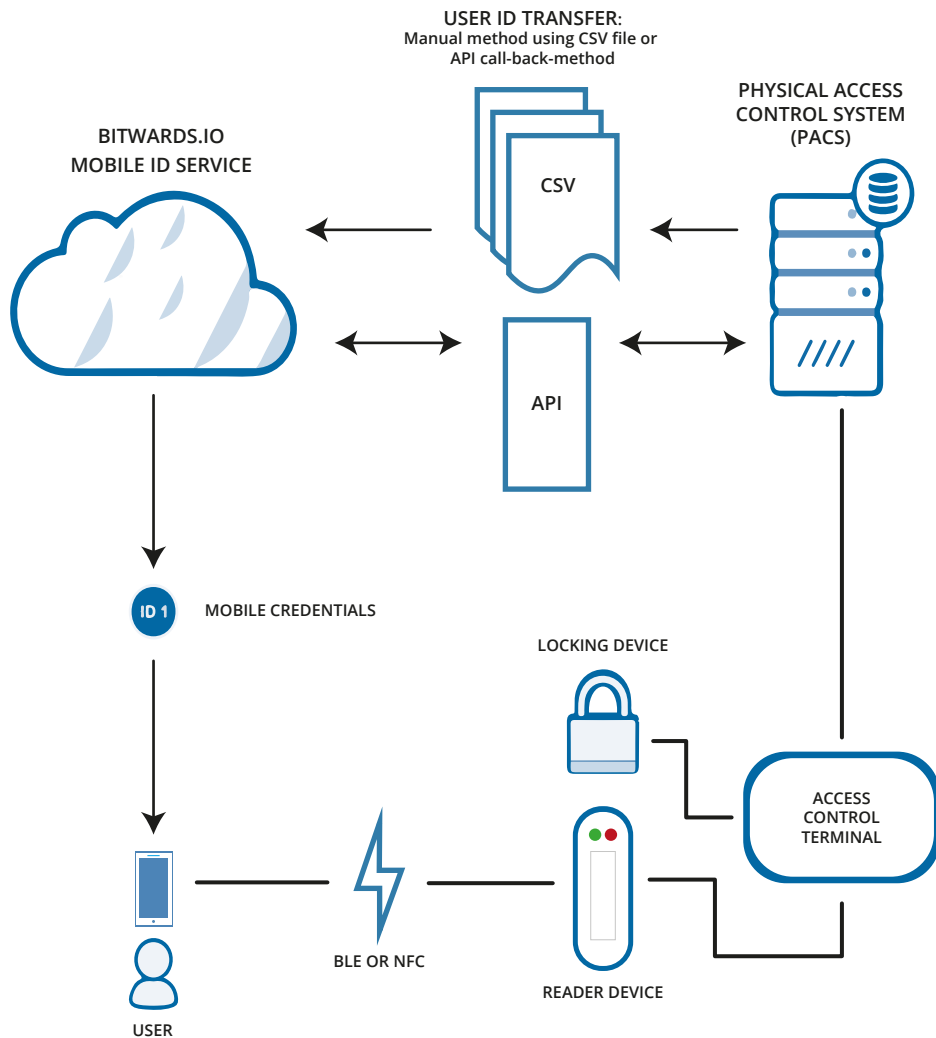


SECURE

We take security seriously! All data and communication are thoroughly encrypted to safe-guard your privacy and modern security standards. Cloud service components are constantly maintained to guarantee high level of security. The protocol with the underlying cryptography is scientifically proven to guarantee security to the highest degree.

EXTENSIVE AND SIMPLE INTEGRATION

The service can be integrated with access control systems using and modern API (REST). For systems lacking modern interfaces, the service supports batch file import (CSV file) for synchronising users between the service and the access control system.



You can connect multiple access control systems to the service and configure custom credential formats. This allows you to issue Mobile ID's to users that need to access to different facilities with different access control systems by using only a single mobile app.

FAST TO ON-BOARD AND EASY TO USE

The Bitwards Mobile ID service is set up in a few simple steps.

1. Open an account to the Mobile ID service
2. Select the access control system you want to extend with the Mobile ID's (you can connect multiple systems if you have many facilities) and set the correct credential formats
3. Choose the desired quota i.e. number of Mobile ID's you need
4. Assign users with additional credentials in the access control system
5. Import the users to the service

Once these steps are carried out, the users receive a notification to install an App(available for iOS and Android) and they are ready to start using the Mobile ID's as they sign in to the App.

LABELLED WITH YOUR BRAND

For customers wanting to promote their own brand, the service and the mobile App's are available as a white-labelled version. We also offer SDK's for the mobile App's for customers that want to integrate the functionality to their own application.

HARDWARE AND SYSTEM INDEPENDENT

The service works with multiple access control readers and access control systems allowing you to freely choose the correct hardware and systems solution that works for your environment and application.

The Mobile ID Service is part of the **Bitwards Access Platform** and is fully compatible with the **Access Sharing service** offering comprehensive solutions for all kinds access point within your facilities.

To learn more, please visit: <https://bitwards.fi>

