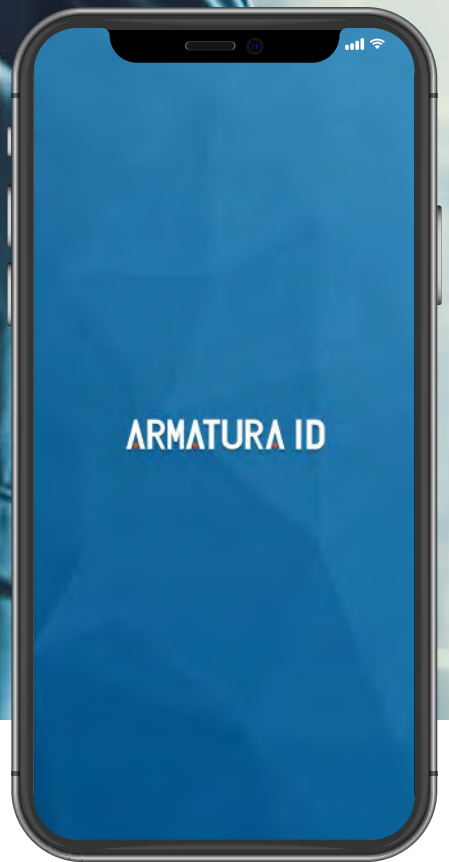# Mobile Credential Solution

The AMARTURA Mobile Credential Solution enables smart devices like smartphones and smart devices as credential for convenient access, without needing physical cards anymore. Multiple functions such as Card Mode, Remote Mode, and QR code Mode gives users the ability to choose the best option to optimize their access control experience.
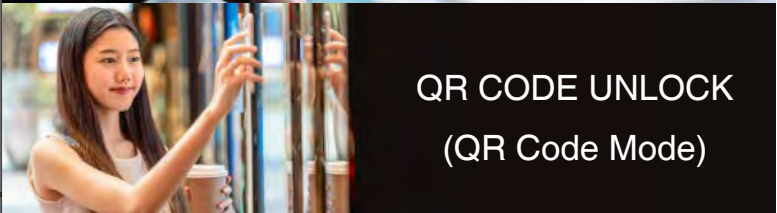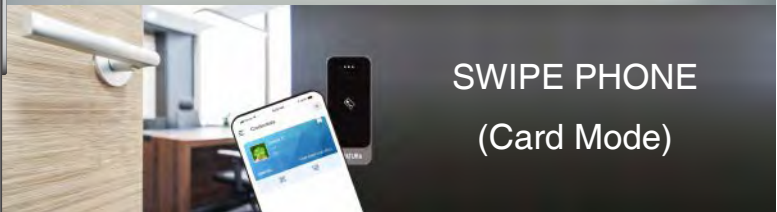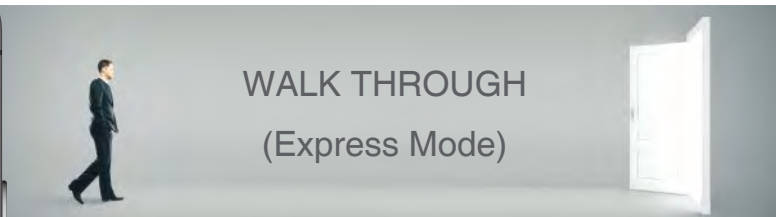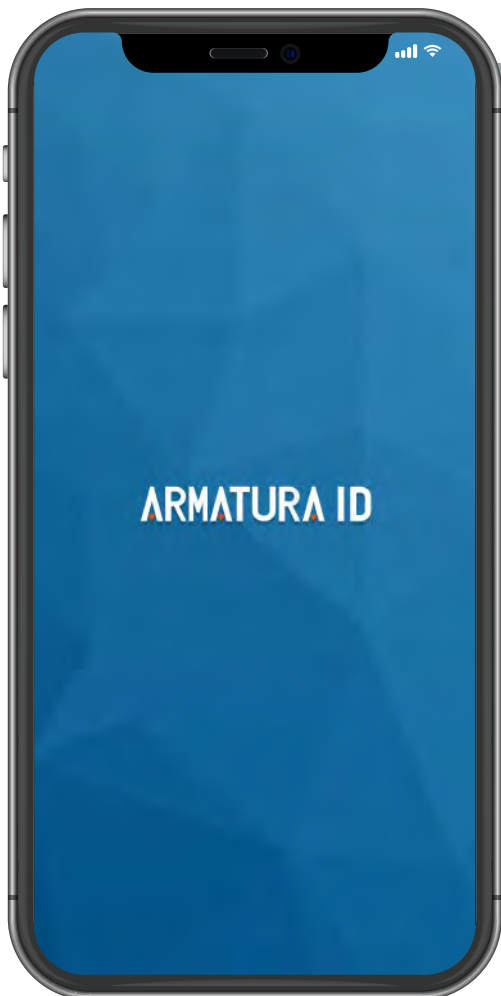
ARMATURA ID

ARMATURA

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What is a mobile credential solution?

As user friendliness and convenience of user experience are more emphasized than ever, ARMATURA devices accept mobile devices like smart-phones and smart devices to act as a credential BT enabled readers to access specific secured areas, offices and other business facilities. It enables enterprises to have comprehensive identity authentication at access points and reduces material consumption for physical RFID cards.

ARMATURA ID

WALK THROUGH
(Express Mode)

SWIPE PHONE
(Card Mode)

REMOTE UNLOCK
(Remote Mode)

QR CODE UNLOCK
(QR Code Mode)

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Advantages of the ARMATURA mobile credential

• Enhanced convenience
Enhanced convenience using your smartphone as a credential eliminates the need for physical cards.

• Prevention of lost card
Eliminates the possibility of losing access cards since users are less likely to lose their phone.

• Eco-Friendly
With the digitalized credential, no physical card is needed anymore to purchase, issue, re-issue and replace. The cost of mobile credential for users are economic for different applications available.

• Enhanced security level
Compared to a conventional access card, a smartphone is one of the most secured devices in the market with its higher end encryption and requiring a passcode, face or fingerprint to unlock makes it almost impossible to clone.

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How does mobile mobile credential work?

In the past, access control is generally operated with physical RFID technology. The ARMATURA Access control solution is powered by BLE (Bluetooth Low Energy) with our ARMATURA ID app installed on the mobile devices, it enables users to open doors with their smartphones and smart devices.

Compatible Devices

The mobile credential solution offers users experiences of mobile unlocking any security and access control device with a werable smart devices, android and iOS device in any premises such as offices and other places where an electronic door lock or electronic lock is installed.
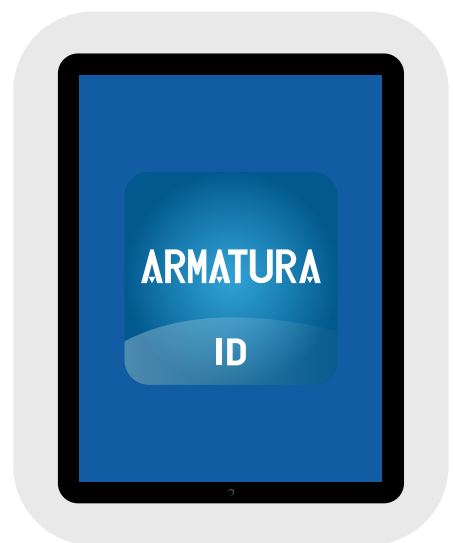

Wearable smart devices (Coming Soon)

Android phone

iPhone (iOS)

iOS/ Android tablet

Available on the App Store

GET IT ON Google Play

Supported Access Modes

ARMATURA's access control solution includes "Bluetooth Low Energy (BLE)",Near Field Communication (NFC) technology and QR code.

There are 4 types of access method for users to access through doors:
1) Card Mode
2) Remote Mode
3) QR Code Mode
4) Express Mode (coming soon)
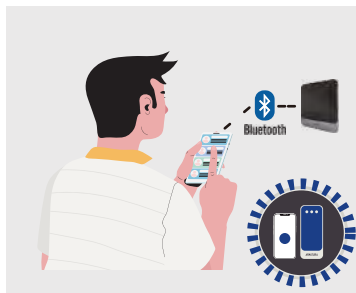
Remote Mode
Open doors remotely by clicking a virtual button in the mobile app

QR Code Mode
Present your QR Code and get access

Card Mode
Place your smartphone over the reader like you would a physical access card

Express Mode
Runs in the background for fully automated door access

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Card mode

Card mode utilizes mobile phones to function as a user's credential to enter offices or other business facilities. In card mode, simply present your smartphone to the reader to gain access.
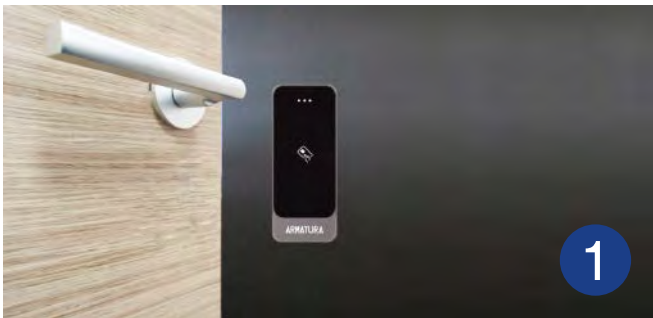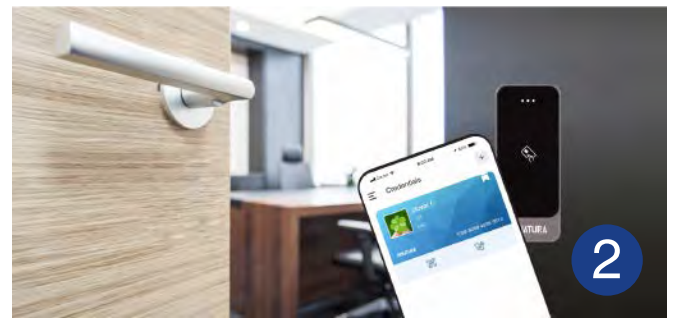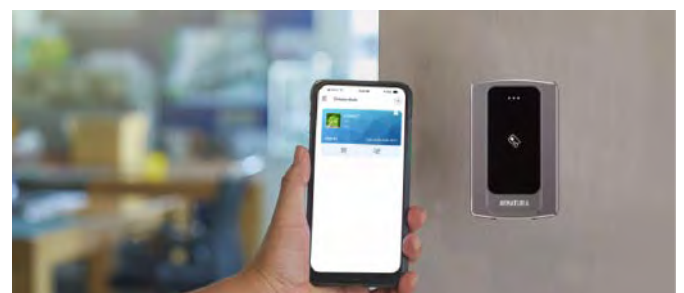
Bluetooth

NFC

How to use

Present your smartphone to the Armatura BT enabled reader.

Features

Conventional physical card swiping from a distance of 3.5cm/ 1.4" to 10cm/ 4".

Application

FRONT DOOR (EMPLOYEE)

Users could simply present your smartphone to the reader to gain access.

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Remote Mode (BLE)

Remote mode offers users the experience of remotely unlocking any ARMATURA access control device by clicking or pressing the button in the Armatura ID mobile app for long distance access in mobile (Android/ iOS) device, it satisfies the needs of long-distance operation.

Bluetooth™

NFC

- - - - - - - - - - - How to use - - - - - - - - - - - - - - - - - - - Features - - - - - -
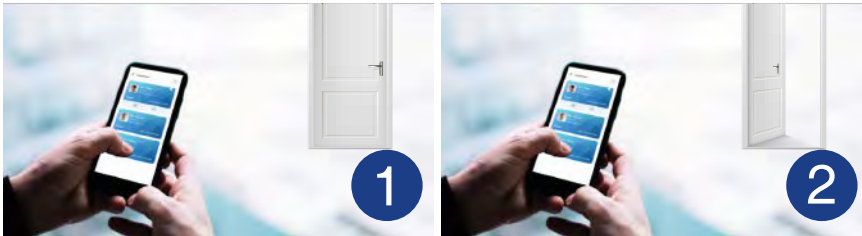
User presses the button shown on the mobile app to open the door
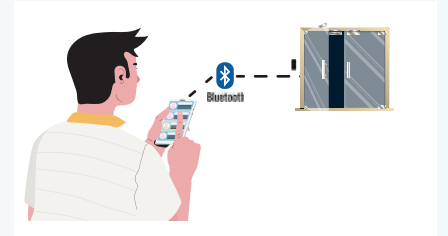
Remote Open Door

- Application -

FRONT DOOR (EMPLOYEE)

Supports remote unlocking from within range of the BT enabled device.

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QR CODE MODE

QR code mode

The ARMATURA ID mobile app provides QR Code credentials as an option to open doors with ARMATURA readers.

With QR codes replacing conventional physical keys, visitors are enabled to access designated area by scanning their QR codes.

How to use

1

2

User only needs to open the AMARTURA ID App. And show the QR code to the access control devices or readers, the access control devices automatically scan the codes for verification and give access to the secured areas.

Application

FRONT DOOR (EMPLOYEE)

Offers QR Code based Identification for staff. It marks their attendance and opens door when a user presents the QR Code at the door.

Features

It takes less than 0.2 seconds for accurate verification and access to secured areas.

QR Code will be automatically changed every 30 seconds, preventing non-registered people from sending or sharing codes to unauthorized users.

Protected by AES-256 standard encryption which has a key length of 256 bits and supports the largest bit size with the strongest encryption standard.

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# EXPRESS MODE

Express mode (Coming soon)

Express mode offers a contactless experience for users to walk through without pressing any button or presenting a mobile device at the door. The door is automatically unlocked after receiving a signal from a mobile device (30cm to 1m).

How to use

1

2

When in a proximity of 30cm to 1m from the reader, the signal will be sent and open the door

Feature

◀ 30cm to 1m ▶
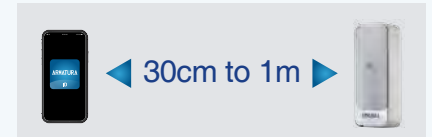
ARMATURA provides long range communication between access control & mobile devices.

Application


FRONT DOOR (EMPLOYEE)

The advantage of a contactless experience allows users to effortlessly enter a door if their hands are already occupied.

Medical's Control Area

Access points & doors are some of the most vulnerable areas in medical facilities when it comes to the spread of germs. Express Mode allows contactless access and reduces the risk of contact with infected surfaces

Mobile Credential Topology

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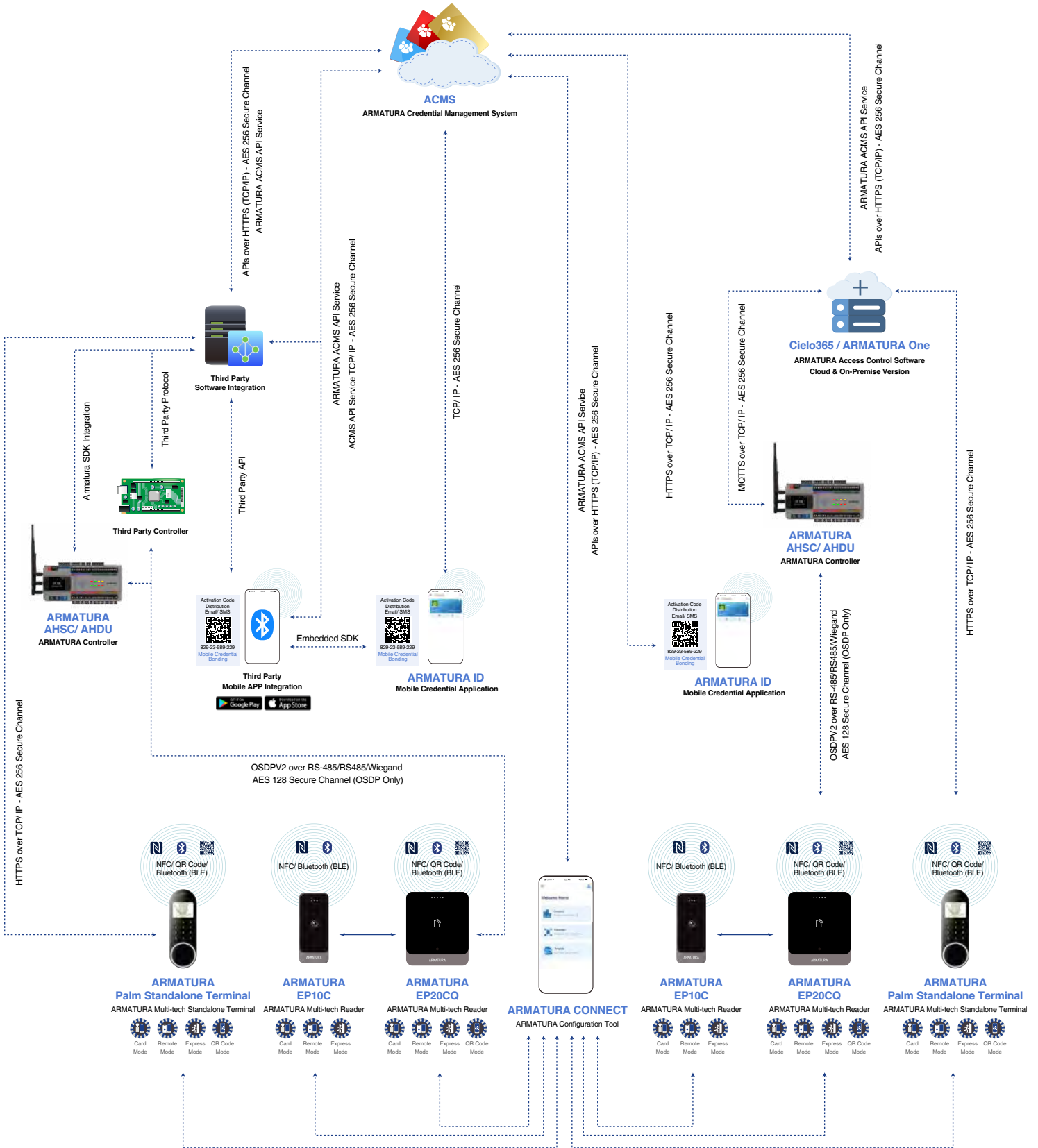
Compatible Products

Explorer Series - EP10C
All Weather Outdoor Multi-tech Smart Reader

- Advanced Cybersecurity Design
- Supporting 100+ RFID types

MOBILE READY

Bluetooth | OSDP | NFC

Exploer Series - EP20 Series
All Weather Outdoor Multi-tech Smart Reader

- Advanced cybersecurity design
- Supporting 100+ RFID types
- Touch keypad

MOBILE READY

Bluetooth | OSDP | NFC

ACSC-1000
IP-Based Security Core

- Ultimate Authentication performance
- Scalable and Extendable
- Global Functionality based on peer-to-peer communication
- Robust Cyber Security Level

ACDU Series
IP-Based Biometric Security Core

- Ultimate authentication performance
- PoE and 3rd Party Integration
- Threat Levels and Port Failover
- Advanced Access Control Function
- Supervised Inputs and NC / NO Configurable Ports

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ARMATURA Product Applications

Armatura solutions are a great fit for any situation which prevents staff or patients from touching door handle surfaces. This solution has been widely used in many practical scenarios including: hospitals, schools, factories, malls, public transportation, banks, small to large enterprises, and more.

Hospitals

Educational Institutes

Factories

Construction Sites

Shopping Malls

IT Parks

Public Transportation

Business Organizations

Small to Medium Enterprises

Banks

Government Organizations

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