

MACE app

app for smartphone access

Key features:

- ✓ enables access control based on virtual credentials
- ✓ available for iOS and Android
- ✓ supports NFC, Bluetooth Low Energy and QR credentials
- ✓ software development kit (SDK) for customized apps
- ✓ easy management of virtual access credentials
- ✓ combines convenience and security

Nedap MACE is a platform that allows any access control system to use smartphones as access credentials. The platform consists of a cloud platform, readers and apps.

Virtual access credentials

With the MACE app, users are provided with access via a variety of virtual access credentials. These credentials are presented to MACE readers using NFC, Bluetooth Low Energy or QR. The MACE server accepts imports from 3rd party access control systems. The app replaces the need of physical access credentials.

Security

Virtual identity credentials are sent to the phone in a secured way from the MACE Server. The virtual access credentials will be stored safely and secured on the smartphone. It is not possible to duplicate or modify the virtual credential. The wireless communication between the MACE reader and smartphone is secured with encrypted authentication using AES 128 bit keys with diversified keys.



Easy credential management

Issuing MACE credentials is easy and quick, as no physical credentials have to be distributed. Virtual access credentials can be allocated to users in Nedap XS format, Wiegand 26 format or any other format. These credentials are safely sent to the MACE App by the cloud based MACE server.

MACE App SDK

The MACE App SDK (software development kit) enables partners and end-customers to develop customized MACE compatible apps. With the SDK, third parties create their own mobile access application with the (graphical) user interface of their choice. Additional features, such as widgets, gestures and feedback can easily be built. The MACE App SDK is available for iOS and Android.

Technical information	MACE app
Part numbers	MACE App (part number n/a)
Communication	Bluetooth Low Energy, NFC (Android only - version 4.4 or newer supporting HCE), QR
Supported operating systems	iOS, Android
Optional accessories	8028176 MACE App SDK
Document version number	2.2