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 (optionally) QR credentials
- Easy management of virtual access credentials
- Operates with any access control system
- 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 based service, readers and apps.

MACE apps can receive and contain multiple virtual identity credentials. These credentials are presented to MACE readers using NFC, Bluetooth Low Energy or QR. The MACE Sever accepts imports from 3rd party access control systems.

Virtual access credentials

With the MACE app, users are provided with access via a variety of virtual access credentials. Via the app, communication technologies like Bluetooth Low Energy, NFC and optionally QR replace 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 sever.

Convenient and secure

With the introduction of MACE, Nedap responds to the worldwide shift of using smartphones instead of physical cards. Users experience convenient yet secure access while using their own smartphone.

SPECIFICATIONS

Technical information	MACE APP
Communication	Bluetooth Low Energy, NFC (Android only - version 4.4 or newer supporting HCE), QR
Supported operating systems	iOS, Android
Document version nr.	v1.0