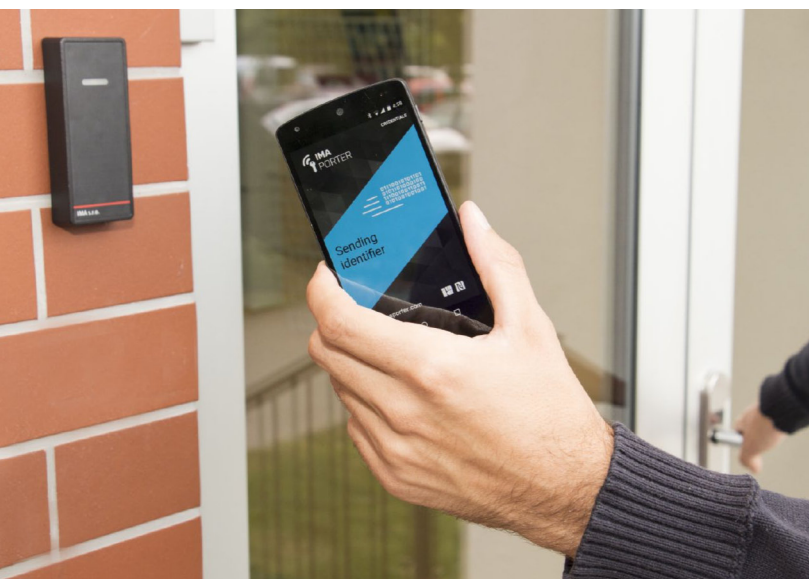# IMAporter
Mobile Access Platform

DESCRIPTION

IMAporter Mobile Access Platform is a universal solution for mobile identification not only using classic ID tools, but also via NFC or Bluetooth Low Energy enabled mobile devices.

Owing to a wide support of communication interfaces and protocols, the platform can be integrated with any third-party identification system. With the IMAporter Mobile Access Platform, integrators receive a powerful tool for easy extension of their own systems with mobile-based identification using NFC and Bluetooth LE technology.

An essential part of the platform is IMAporter ID Management, a cloud-based remote management of mobile identifiers.

MAIN ADVANTAGES

- Identification via mobile device

- 3 different identification options

- NFC and Bluetooth Low Energy

- Easy integration into third-party systems

- Android and iOS apps

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MOBILE ACCESS FUNCTIONS

The core of the Mobile Access Platform is a smart reader and mobile identification app IMAporter Key.

The app runs safely in the background of a smart mobile device OS and secures communication with the reader.

For user identification, it is (based on system settings) sufficient to light up the display of the device. To enter areas with higher security, authorization using PIN code can be requested.

LIMITLESS POSSIBILITIES OF INTEGRATION

The smart Mobile Access Reader supports Wiegand and RS232 universal communication protocols and adaptive firmware settings. All our identification and management apps are available as white-label or in the form of a library with API. IMAporter Mobile Access is an ideal tool for building your own mobile identification solutions.

Are you interested in more information about IMAporter Mobile Access Platform? Contact us.

TECHNICAL SPECIFICATION

Models:	**RSW.04:** RFID/NFC, short-range, Android
	RSW.04-B: RFID/NFC, long-range, Android/iOS
Identification Media:	**NFC media ISO14443:** (Mifare 1k, DESFire EV1, Ultralight, NTAG20x, NTAG21x, PayPass etc.)
	NFC devices: Android 7+, **BLE devices:** Android 7+, iOS 12+
Identification distance:	**NFC media ISO14443A:** up to 70 mm (2.8"), **NFC devices:** up to 50 mm (2.0"),
	BLE devices: 50 mm (2.0") to 10 m (32.8 ft)
Reader dimensions:	117 mm (4.6") x 50 mm (2.0") x 20 mm (0.8")
Frequency:	13.56 MHz & 2.4 GHz
Indication:	LED (green/red), beep
Protection:	Tamper contact
Communication interface:	Wiegand / RS232 (optional)
Power supply / max. consumption:	12 VDC / 200 mA
IP Rating:	IP65
Temperature range:	1-25°C to +60°C (-13°F to 140°F)
Colour:	Black
Housing:	Plastic (ABS)
Personalization:	Exchangeable front sticker, white label mobile app
Cable:	Pigtail, LiYCY 12x0, 14 mm2, 3m
Cable Distance:	**Wiegand:** 150 m (500 ft), **RS232:** 30 m (100 ft)
Wiring:	2x power supply, 2x communication, 1-3x indication, 2x tamper contact