

Idesco ID Mobile App

Makes access with your smartphone easy



Idesco ID mobile app provides a convenient alternative for physical smart cards in access control. This user-friendly, low-cost mobile app makes accessing buildings with your smartphone fast and easy. Idesco ID app automatically responds to a door reader's security level, displaying it on your phone screen. Different security levels (3 to choose from) can be assigned to different doors. The first level lets you keep your phone in a pocket while entering. For the second, tapping a displayed button on your screen opens the door, while the third level requires you first authenticate yourself with your phone's assigned unlock method, e.g. fingerprint, password, etc., before you may tap to enter.

Idesco ID app does all this by first creating a unique, user-specific ID derived from specific values in your phone. This ID will remain the same even when the app is updated. This protects against redundant re-configuring of IDs to your system, which also simplifies system management. Additionally, your ID is encrypted to protect against tracking device numbers or other device-specific data; phone data is only used by the app when it first creates your user-specific ID.

That is then registered to your access control system with an integration unit - no online registration or cloud-based credential management required. Idesco ID app communicates with Idesco access control readers via NFC or Bluetooth low energy (BLE). Data shared between app and readers is highly protected behind a 128-bit AES cipher, to prevent outside data skimming attempts.

Idesco ID app works seamlessly with Idesco's 8 CD 2.0 MI reader family. Please discover more about 8 CD 2.0 MI readers in their datasheet, available at <https://idesco.fi/product/bluetooth-nfc-rfid-reader/>

BLE / NFC requirements - Android

Operating System	Android 5.0 or higher
Bluetooth	4.1 or higher

BLE / NFC requirements - iOS

Operating System	iOS 8 or higher
Bluetooth	4.1 or higher
BLE Range	0 - 9 meters

Compatibility

Compatible RFID Reader	8 CD 2.0 MI
Encryption	AES128