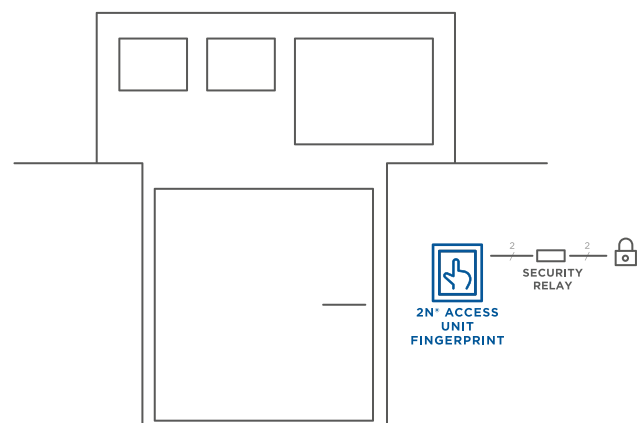# 2N® Access Unit Four Different Ways
CASE STUDY

2N® ACCESS UNIT FINGERPRINT READER
Secure the access to a luxury villa

When the owner of a luxury villa seeks a solution for securing access to their house, the use of RFIC cards in a residential context is unthinkable.

The 2N® Access Unit with fingerprint reader offers a perfect solution, because all family members can rest assured they won't forget their finger – an identifier that is always with them. Using an optical sensor, the unit provides maximum security, reliable fingerprint recognition, as well as a fast response with acoustic signaling. While RFID chip or house key can ultimately be copied, this 2N® Access Unit implements an algorithm for recognizing fake fingerprints and the possible thief won't trick it. Naturally, the unit has the option of outdoor installation, with reliable function in direct sunlight, rain or frost conditions.

- **Optical technology for reliable identification**
- **Innovative functional design**
- **Weather-resistant reader**
- **Detection of false fingerprints**

SECURITY RELAY

2N® ACCESS UNIT FINGERPRINT

2N® Access Unit Four Different Ways
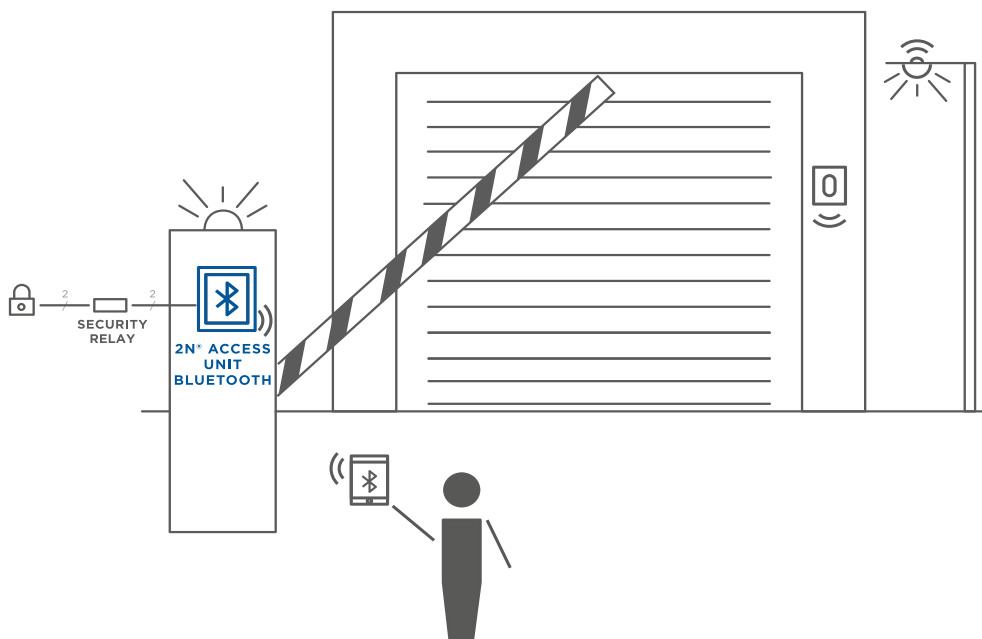## CASE STUDY

2N® ACCESS UNIT BLUETOOTH
Open the garage from the comfort of your car

When residents of an apartment building seek solutions to entering their garages, their security level is crucial because a thief shouldn't be able to enter the garage. Yet the comfort of opening the gate is also important, because they shouldn't have to leave the car, for example, in bad weather.

The 2N® Access Unit, communicating with mobile devices over Bluetooth technology, provides the optimal solution. Bluetooth v4 (known as BLE) uses encrypted communication between the phone and the actual unit. It additionally offers the option to set up communication distances and user mode presets. In the first case, the user can stop in front of the garage, take their mobile phone and push the button to open the gate. In the second case, when the unit is installed on an external post, the user simple activates the unit with a hand movement and as long as their phone is anywhere in the car, the gate automatically opens. For further comfort, the 2N® Access Unit may also be connected to automatic light switches inside the garage.

SECURITY RELAY

2N® ACCESS UNIT BLUETOOTH

- **Adjustable communication distance and modes**
- **High-level of security**
- **Simple pairing process**
- **Double-factor identification**

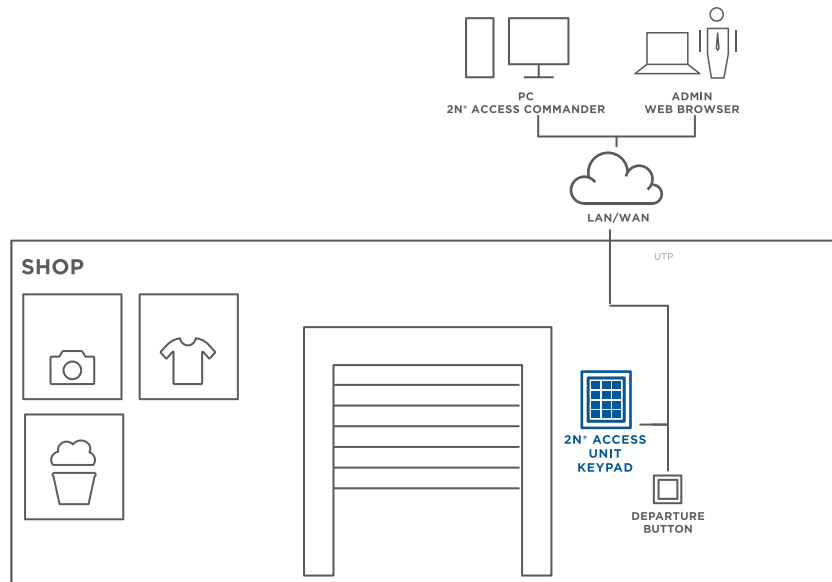**2N® Mobile Key**

Google Play

Apple Store

2N® ACCESS UNIT TOUCH KEYPAD
Secure the entry to a storage space in your store

Smaller shops have storages or back offices that are a part of the premises and may become targets for thieves. Therefore they must be secured, with only authorized personnel having access. In such installations, RFID cards are typically not used, as they may be lost by employees or stolen. A 2N® Access Unit equipped with a touch keypad enables access using a PIN code, a particularly ideal solution thanks to IP technology.

The unit may be remotely controlled by an administrator in charge of all IT equipment in the store (cameras, security system). The unit also enables the use of a silent-alarm function, where an additional PIN code is generated for each user with the last digit one higher in value than their regular PIN. This emergency code may be used by an employee forced to open the door under duress from a thief. Rather than using their personal PIN code (for example 1234), they enter the silent alarm code (1235), which does open the door, but immediately sends an HTTP command (or connects to a specified contact) to a security center, in order for guards to respond and come to the employee's aid.

• **New options thanks to IP**

• **Reliable touch technology**

• **Adjustable backlight intensity**

• **Silent alarm**

2N® Access Unit Four Different Ways
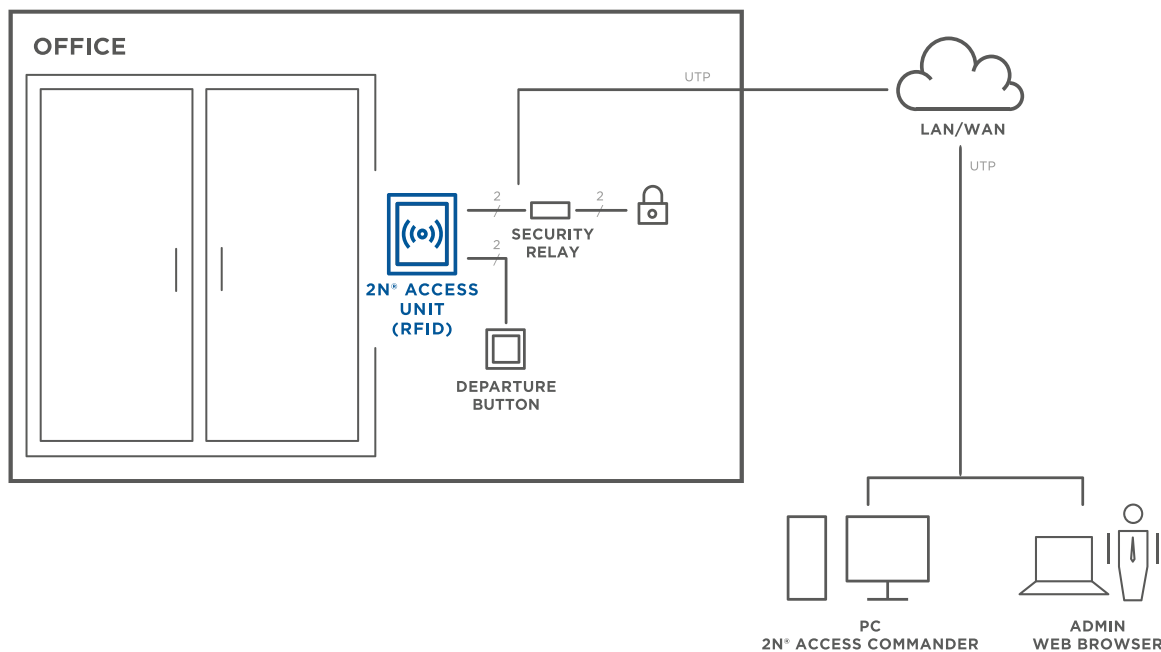# CASE STUDY

2N® ACCESS UNIT RFID
Secure Your Offices

The 2N® Access Unit is an ideal choice if you need to easily secure your office space. RFID cards are a typical method for employee identification in offices, but they are often accompanied with the requirement to log employee entry and leaving times. Another requirement may be the monitoring of the door situation, ensuring the door isn't open for too long or isn't opened forcefully.

All such requirements could simply be met by the 2N® Access Unit, able to read various types of RFID cards (125kHz as well as 13.56MHz) and communicate with mobile phones via NFC technology.
To install this unit, you need only an Ethernet cable at the door, which both provides the power supply (PoE) and data transmission. The unit is then connected to the lock or, optionally, also a door contact or exit button for quick door opening when leaving the office. Should the door remain open too long or be opened forcefully, the unit immediately sends a notification regarding this activity, either in the form of an e-mail or through a special HTTP command.

OFFICE

UTP

LAN/WAN

UTP

SECURITY RELAY

2N® ACCESS UNIT (RFID)

DEPARTURE BUTTON

PC
2N® ACCESS COMMANDER

ADMIN
WEB BROWSER

- • **A combination of a control unit and RFID reader in one**
- • **Advanced event reporting**
- • **Installation requiring only one cable**
- • **NFC technology support for opening doors**

2N® Access Commander

Application available for all Access Units on

www.2n.cz

Frames for Access Units are also available in black.