

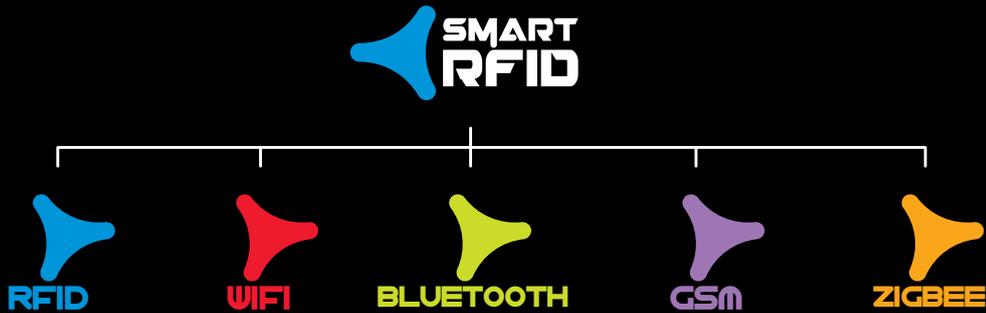


# Multifunctional tool for parking management

WE ARE THE ONLY COMPANY YET TO ADD FURTHER TECHNOLOGIES TO RFID:

**BLUETOOTH, WIFI, GPRS (GSM) and ZIGBEE.**

Thus arose **SMART RFID** – a powerful tool developed specially for those who want to gain a powerful competitive advantage.



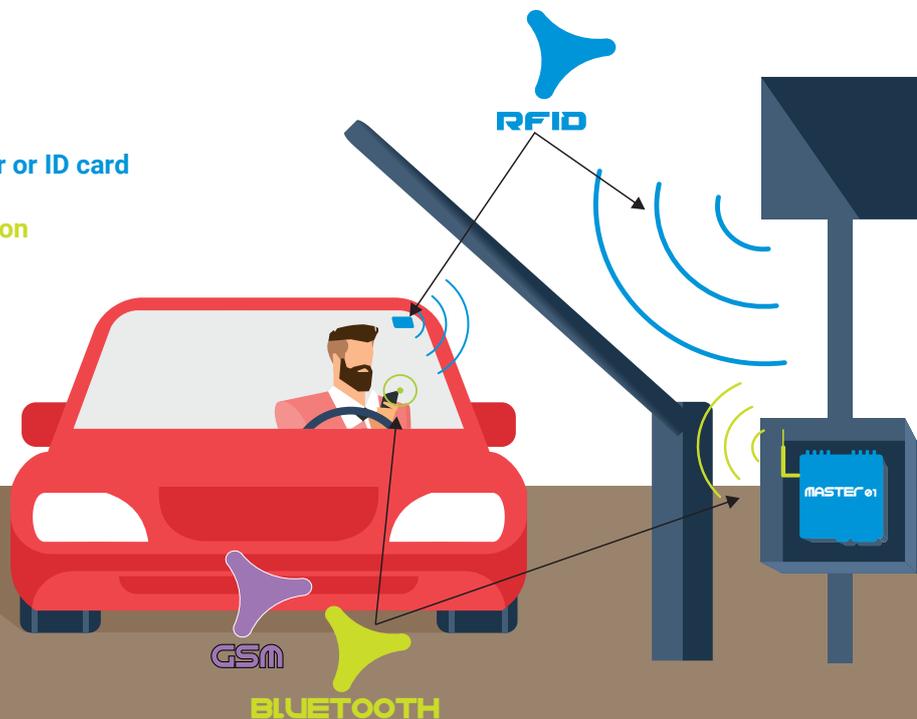
# PARKING MANUAL

## TECHNOLOGIES USED

The only solution that allows a smooth management of entry and exit by using RFID, Bluetooth or GSM simultaneously.

Barrier can be opened using:

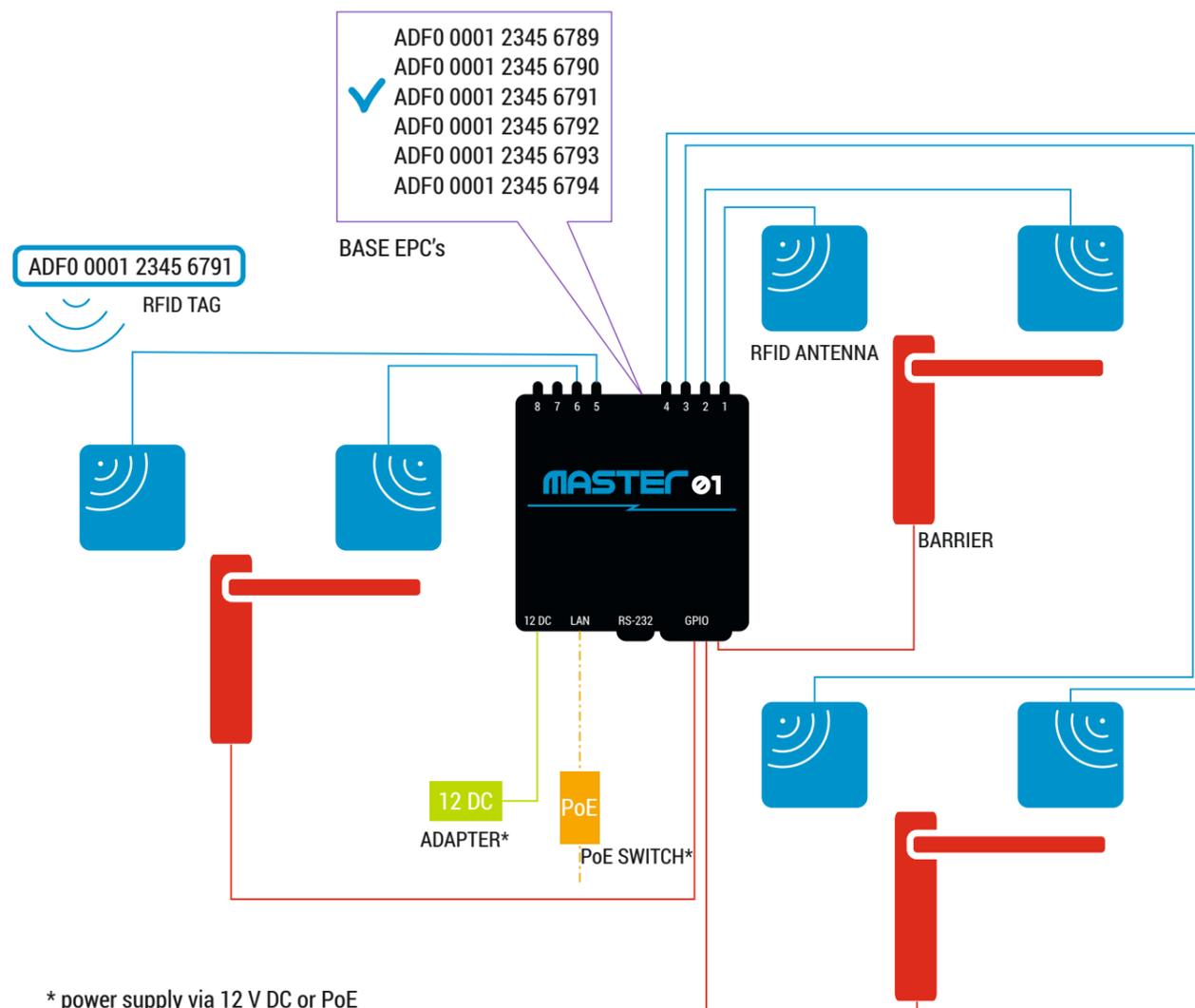
- **RFID UHF**  
- tag as a windshield sticker or ID card
- **Bluetooth**  
- smartphone with application
- **GSM**  
- dial a number



# HOW DOES IT WORK?

## AUTONOMOUS MODE

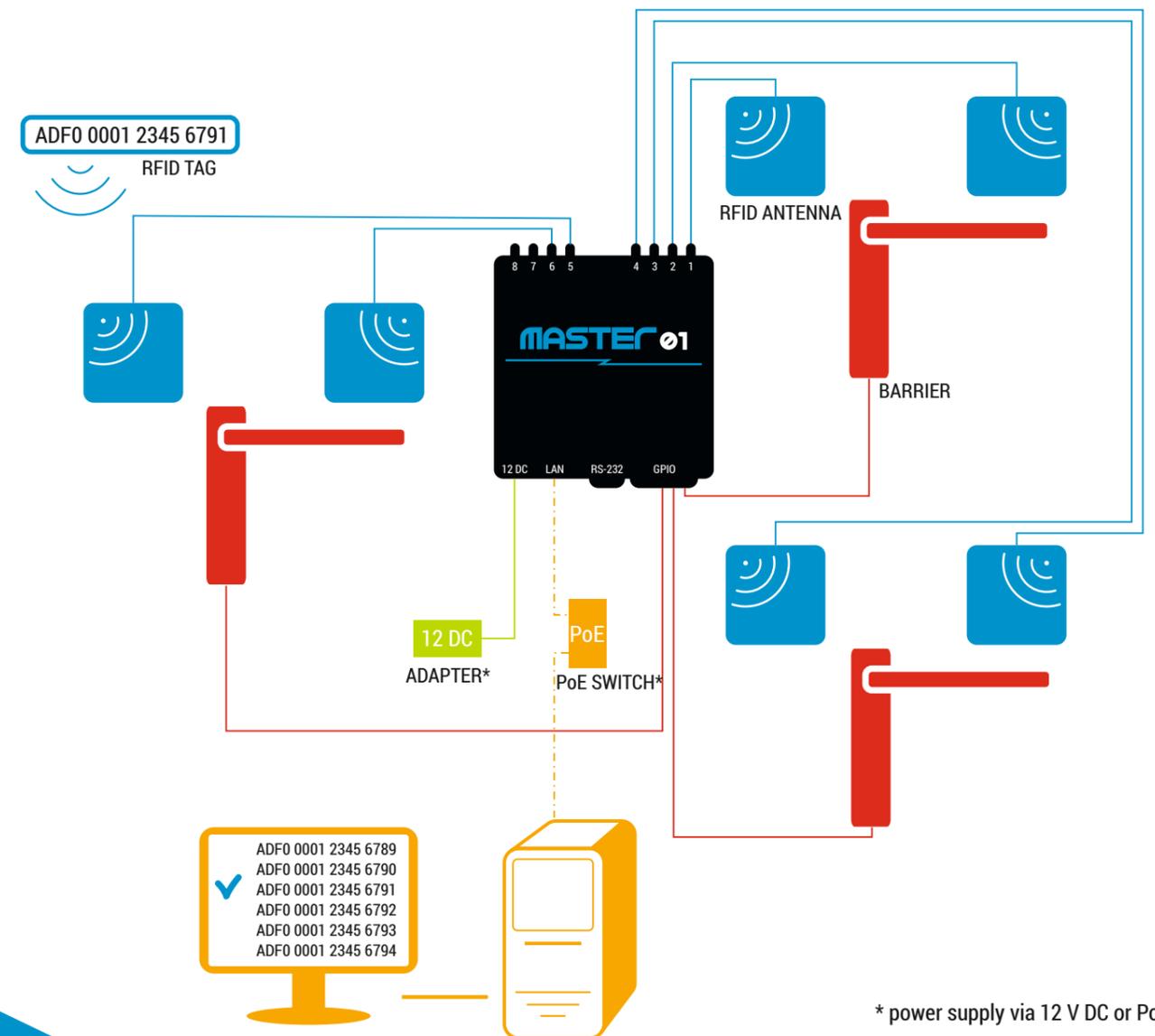
- Simple system of entry and exit control that does not need to be connected with computer and that does not use control software.
- Master 01 RFID UHF reader receives signal from tag.
- Dataset is created by administrator.
- Decision whether to open barrier is made on the basis of dataset, containing authorized EPC numbers. There may be even up to several thousand of such numbers.
- Integration with external system or software is not required.



\* power supply via 12 V DC or PoE

## SYSTEM MODE

- Advanced system of entry and exit control, in which high-level software verifies entry/exit qualifications.
- Computer, with software containing database, decides on entry/exit authorization.
- At the moment of tag/mobile application verification, information about entrance authorization will be sent to Master 01 RFID UHF reader by software.



\* power supply via 12 V DC or PoE

# EQUIPMENT



RFID UHF READER  
MASTER 01



RFID UHF ANTENNA



RFID UHF TAGS OR  
MOBILE APPLICATION



CENTRAL UNIT  
(OPTIONALLY)

## THE SMART RFID ADVANTAGES:

- 4 relay outputs to directly control the arm barrier or gate.
- Ethernet (UDP, TCP), RS-232, RS-485, Wiegand.
- Power supply: Power over Ethernet.
- Weatherproof.
- Tag is identifiable even from several meters away.
- Even when barrier is out of order, SMART RFID records every event (entry/exit).
- 1 Master 01 RFID UHF reader works with up to 8 antennas (4 entrances/exits).

### WE GIVE YOU **MORE** THAN THE REST

We are a **Polish technology company** which designs and produces innovative technological solutions for various industries, including parking and access control.

### WE OFFER **FRIENDLY** SOLUTIONS FOR YOUR BRAND

We focus on versatility, ease of use and integration, economy, and reliability. Only our readers combine **advanced technologies**, giving you unlimited possibilities for integration and use.

### WE BRING TOGETHER THE BEST IN TECHNOLOGY

Our team is comprised of **engineers with experience** in Polish, German, French, and Swiss companies, research institutes, and universities.

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