



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.



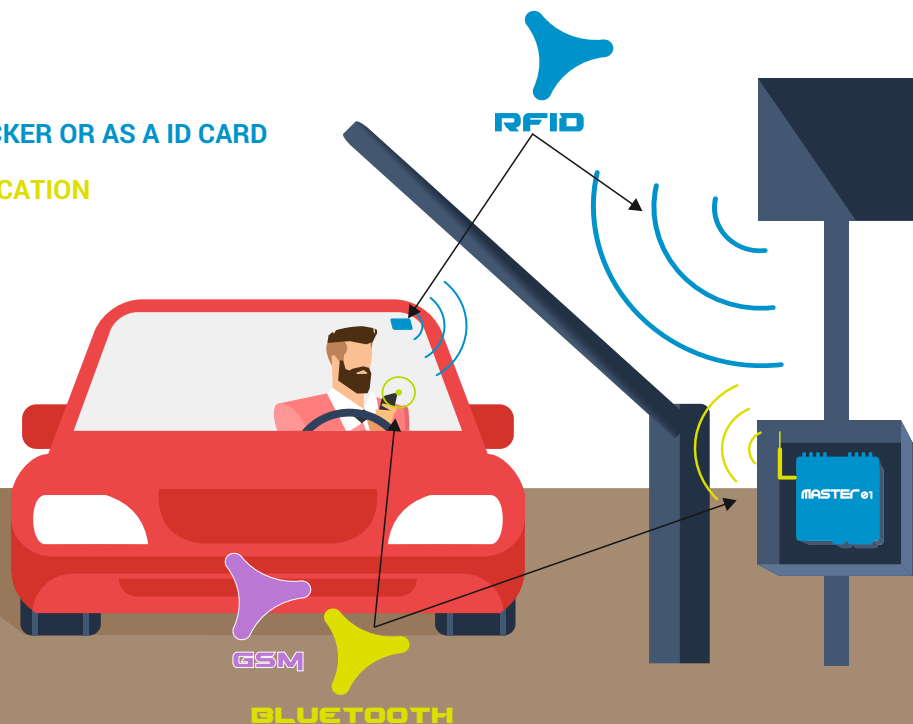
PARKING MANUAL

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:

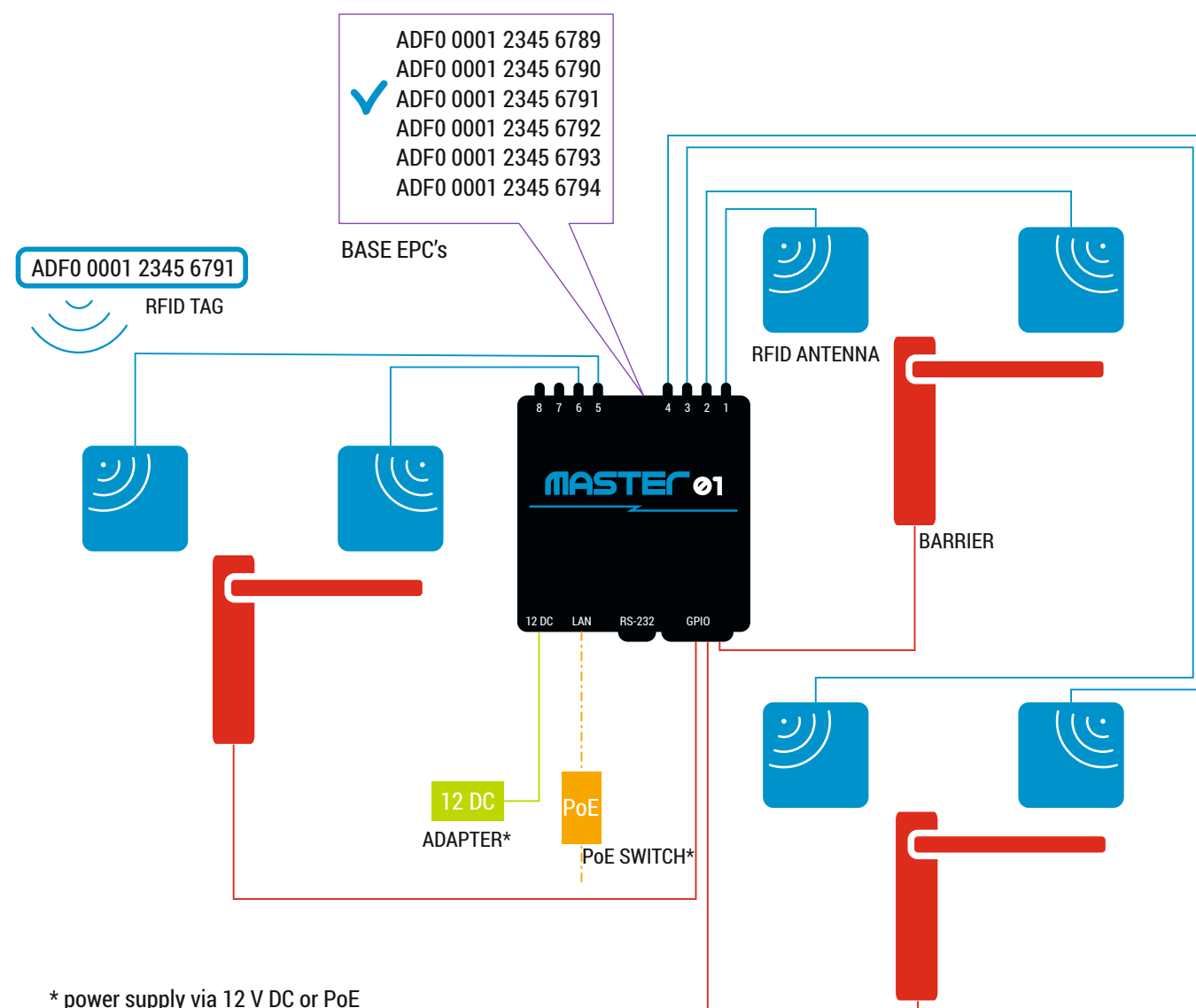
- TAG AS A WINDSHIELD STICKER OR AS A ID CARD
- SMARTPHONE WITH APPLICATION
- MOBILE PHONE



HOW DOES IT WORK?

AUTONOMOUS MODE

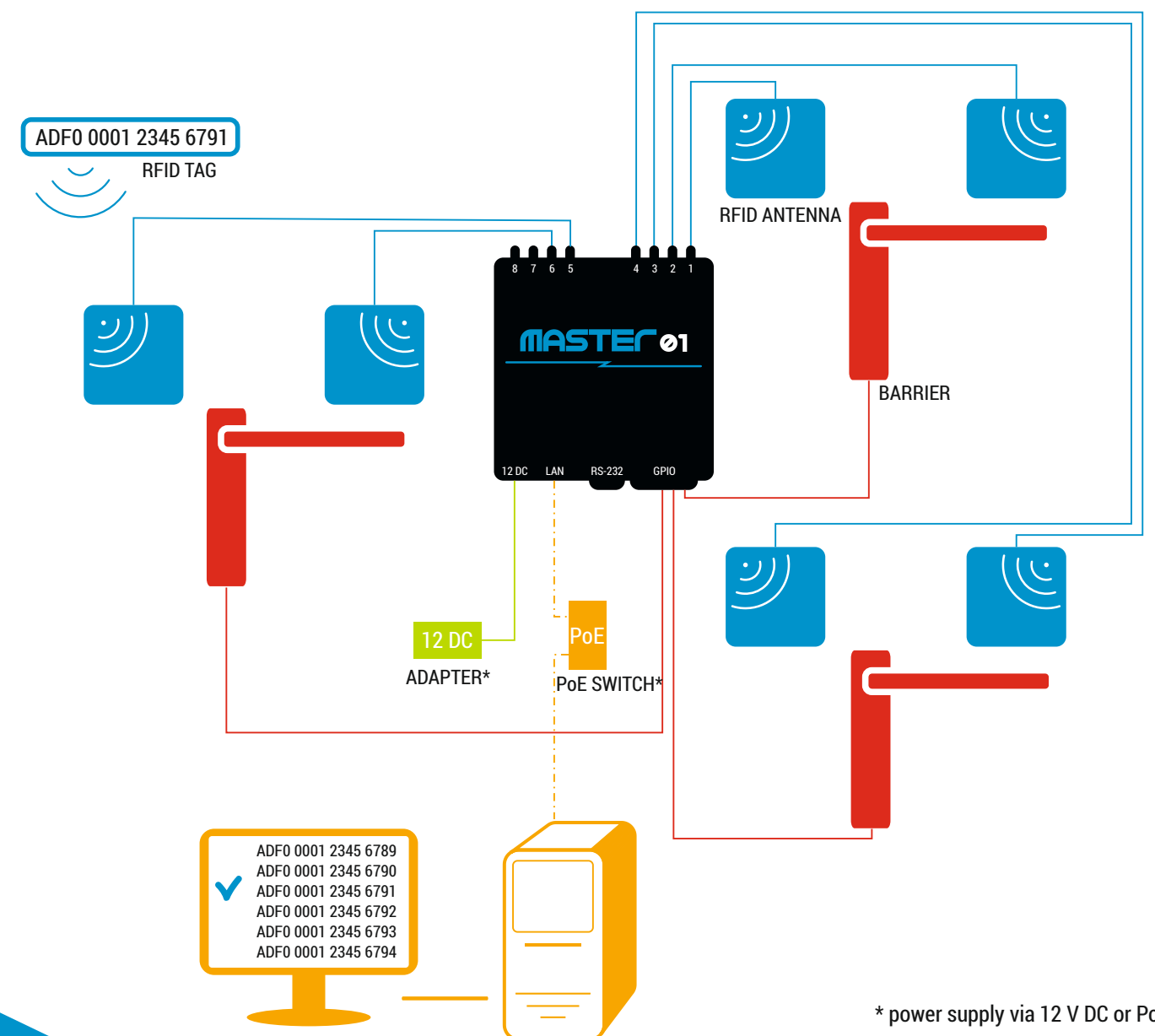
- Simple system of entry and exit control that does not need to be connected with computer and that does not use control software.
- Master 01 RFID UHF reader receives signal from tag.
- Dataset is created by administrator.
- Decision whether to open barrier is made on the basis of dataset, containing 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

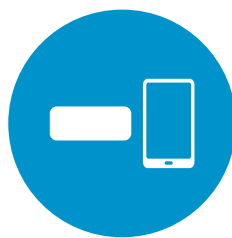
EQUIPMENT



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 **Swiss-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.

Contact us:



Smart Technology Group Sp. z o.o.
ul. Mackiewiczza 19
31-214 Kraków, Poland
NIP: 9452184196
www.smart-tg.com

Office Poland
ul. Nuszkievicza 17
31-422 Kraków, Poland
biuro@smart-tg.pl
www.smart-tg.pl

Office Switzerland
Suurstoffi 12A
6343 Rotkreuz, Switzerland
office@smart-tg.com
www.smart-tg.com



www.smart-tg.com