

# SCAN&GO PRO



Plug & Play  
Access & Revenue  
Vehicles & Pedestrians



PLUG & PLAY ACCESS AND REVENUE CONTROL  
VEHICLES AND PEDESTRIANS  
NO WIRES - NO WIRELESS  
INSTALLATION & COMMISSIONING IN RECORD TIME



# ABOUT US



## WHO WE ARE

The company was founded in 2006 and in 2008 we started our current activity. Our headquarters are in Belgium. Our production and logistics department in France.



## WHAT WE DO

We are a manufacturer of **plug & play access & revenue control** products for **vehicles and pedestrians**. We develop, manufacture and assemble both the electronics and software as well as the aluminium columns and housings for our three product ranges: Scan&Go Basic, Scan&Go Pro and Scan&Go Revenue. We therefore control all processes from A to Z. Our products are distributed and installed through a **network of aggregated distributors and installers**.



## WHAT WE ARE GOOD AT

- Preventing unwanted users.
- Providing controlled yet easy and fast access to visitors, customers, suppliers and staff.
- Transforming even small car parks into revenue parking.
- Payment systems for pedestrian access.



## WHAT WE DO BETTER THAN OTHERS

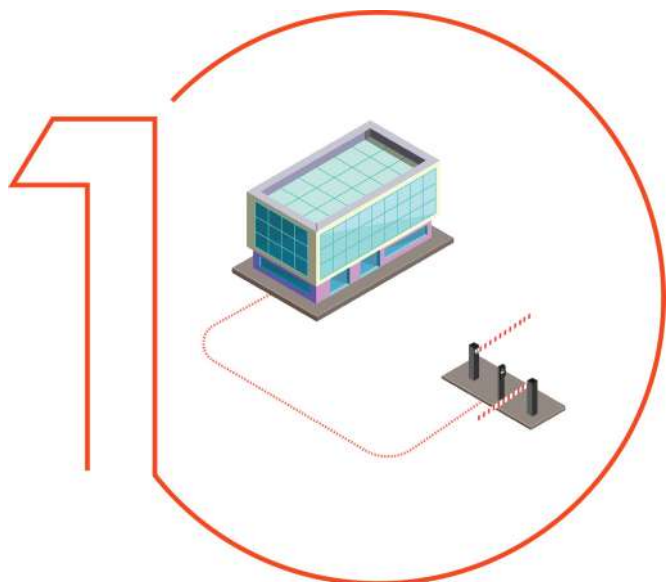
- Our products are plug&play. By default no wires – no wireless. Only electrical power.
- Scan&Go does not require specific technical skills or training.
- We guarantee installation and commissioning in record time.
- Our products are very cost-effective. Even for small and medium-sized installations.

## CONCLUSION

SCAN&GO PRODUCTS ARE IDEAL FOR AN INDIRECT SALES MODEL.

# HOW WE DO IT

Our products are plug&play, by default do not need wires or wireless, are installed and commissioned in record time, are cost-effective even for small installations and therefore particularly well suited for an indirect sales model. **HOW IS THIS POSSIBLE?**



## TRADITIONAL PRODUCTS

Traditional access control often needs a wired or wireless network. This implicates costly disadvantages as such solutions require cabling works, software and / or wireless communication devices.

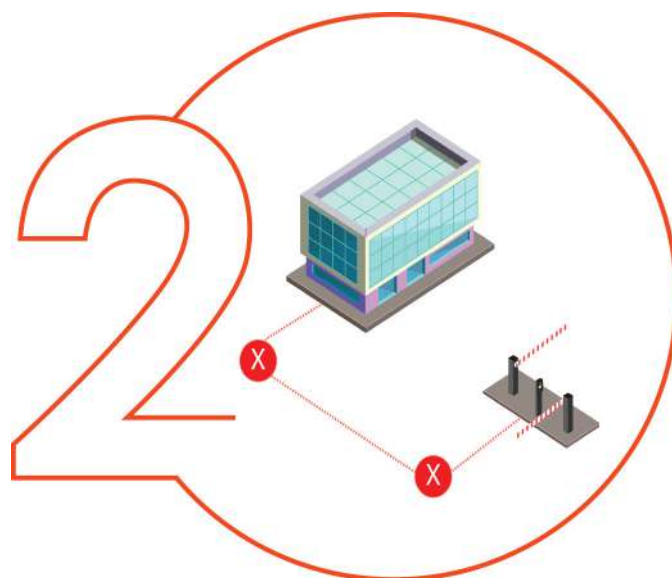
In addition, traditional reading technologies such as tokens and RFID cards are not the ideal choice when it comes to managing customers, visitors, suppliers, etc.

Moreover, tokens can't be limited in time validity which leaves you no control as to when your temporary users will effectively leave your site.

## AVOID COMPLEXITY

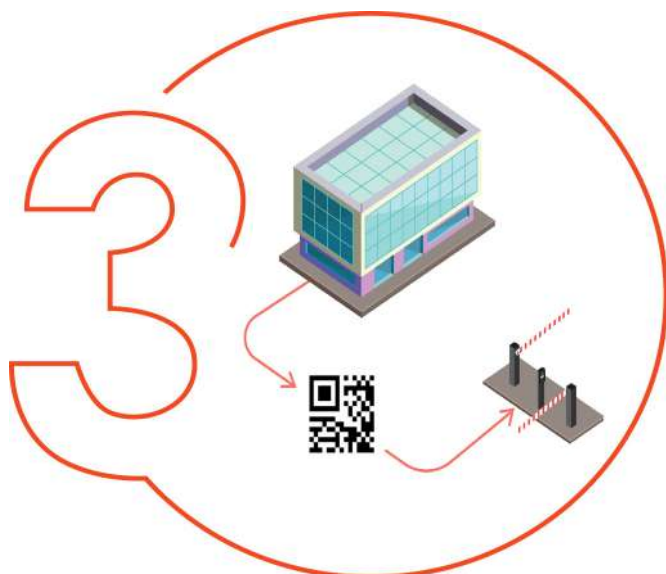
With Scan&Go by default you do not need any data network, only electrical power. With this you avoid all the disadvantages of a wired or wireless solution mentioned above.

In addition, Scan&Go uses 2D codes on thermal tickets or cards that do not need to be recovered and therefore avoids the inconvenience of insertion solutions with which you have to empty the tank regularly.



## CHOOSE S&G EFFICIENCY

The ticket validity is encoded in the 2D code. As a result it is the 2D code that determines the duration and frequency of use of a ticket, without any communication between scanners, printers and your physical access. Electrical power is enough.



# WHAT CAN SCAN&GO PRO DO FOR YOU?



The Scan&Go Pro range consists of modular products that allow access and revenue control of your peripheral vehicle and pedestrian accesses.

## FROM TEMPORARY USERS TO STAFF MEMBERS

Manage all types of users with Scan&Go Pro. Create and assign access rights in a way that is specific to short-term and long-term users.

## FROM ACCESS TO REVENUE CONTROL

Schedule access rights for regular users. Make a distinction between planned and spontaneous (unexpected) visitors. Equip car parks and/or pedestrian accesses with a payment device, even when they have a low visitor frequency.





## MULTI ACCESS TO MULTI SITE TO MULTI COMPANY

Install an unlimited number of entry and exit columns and housings on a single or on multiple sites, whether or not on a shared car park or building. With ProConnect tenants can adjust their own configuration and request reports, even if the hardware is common.

## FROM VEHICLES TO PEDESTRIANS

Extend your parking facility with pedestrian access control and vice versa so you can use the same type of identifier everywhere. The same applies to the pay stations.

## FROM BARCODE TO RFID TO ALPR

Choose one or more identification technologies that match the user type. For example, planned visitors and staff can by default use ALPR with a barcode or RFID card as a redundant identifier.

## FROM SOFTWARE-LESS TO ONLINE

The access and payment columns can operate fully standalone, but can also be accessed via the cloud.



# SCAN&GO PRO

## FEATURES &

# OPTIONS

### Multiple Configurations

Deploy multi access, multi site and multi company installations.

### E-mail / SMS

Get notifications like e.g. paper low, paper empty, scanner offline via e-mail or SMS.

### Short-Term Users

Contactless 2D CCD scanner:  
Vertical scanning up to a distance of 20cm.

### Long-Term Users

RFID reader and/or ALPR camera.

### APD

Manual cash desk.

### eBarcode

Send barcode invitations by e-mail and scan smartphones at the entrance.

### Pedestrian Access

Use your identifier and our hardware for pedestrian accesses too.

### ProConnect

Connect your hardware to the cloud. Track & trace events.

### Revenue Columns

Online as well as offline pay stations:  
Coins, notes and/or bank cards.

### VOIP Interphone

Embedded VOIP Interphone.  
No need for a VOIP server.

### Barcode Updaters

Transfer information from barcode A to B without using a datanetwork.

### Discount Printers

Print a parking discount voucher.

## Counting

Block access when a predefined threshold is reached.

## Daylight Saving Time

DST is automatic, even for standalone devices.

## SDK/API

Print barcodes on your POS receipts, on order confirmations, on hotel room bookings.

## Columns With LED Roof

Get visual feedback in different colours.

## Graphic LCD Display

Customisable messages in up to 3 languages of your choice.

## ALPR Compatibility

Enter and exit on license plate recognition.

## Communication

Standalone or TCP/IP: ethernet or optional 3G.

## Softwareless

Use barcode command cards instead of software.

## Cars, Pedestrians, Trucks

Columns available in three different heights.

## Offline Updater

Update controllers by simply plugging in a USB flash drive.

## Vocal Messages

Enhance user experience and drive through flow rate.

## Presence Detection

Connect your loop to the column and only grant access when presence is detected.

## Thermal Kiosk Printer

Easy-to-swap rolls. Autonomy of +/- 3750 tickets per roll.

## Anti-passtime

## Time Zones

Compatible with your time zone.

## Anti-passback

# ENTRIES & EXITS

## VEHICLES



We manufacture a wide range of aluminium housings and columns in which we install the Scan&Go Pro Vehicle devices. Options like RFID and VOIP intercom are available on each column type except for the kiosk printers that require a column type six to be integrated. Colours other than RAL 7016 are optional.

### COLUMNS TYPE 2

Powder-coated RAL 7016

Width	140mm
Height	1180mm / 2360mm



### ALPR

Axis dome cameras with embedded Vaxtor high accuracy license plate recognition software.

Width	200mm
Height	600mm



### COLUMNS TYPE 6

The double-width columns allow mounting additional electronics.

Width	358mm / 642mm
Height	1180mm / 2360mm
Configurations	Scanner, Printer, Scanner & Printer



### SURFACE-MOUNTED

Mount this housing on an existing third party column.

Dimensions	150mm * 90mm * 341mm
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# ENTRIES & EXITS

# PEDESTRIANS



We are a manufacturer of a wide range of aluminium housings and columns in which we install the Scan&Go Pro Pedestrian devices. Options like RFID and VOIP intercom are available on all these column types, except for the kiosk printer which requires a column type 6 to be integrated. Colours other than RAL 7016 are optional.

## COLUMN TYPE 2

Powder-coated RAL 7016

Width	140mm
Height	1680mm
Configurations	Scanner



## COLUMNS TYPE 6

The double width allows mounting additional electronics.

Width	358mm / 642mm
Height	1680mm
Configurations	Scanner, Printer, Scanner/Printer



VERTICAL



HORIZONTAL

## SURFACE-MOUNTED

Mount the housing to a wall, a third party column, a tripod, a desktop, etc.

Dimensions
150mm * 90mm * 341mm

# REVENUE CONTROL

Our pay stations are modular so you have got a choice of height depending on your application. The pay station and the manual cash register can operate of-line as well as online. The pay stations are available in these configurations: coins only, cards only, coins-notes, coins-cards and coins-notes-cards. Powder-coated colours other than RAL 7016 are optional.



## PAY-ON-FOOT

Available in two widths and two heights so to be compatible with wheel-chair users.

Width	358mm / 642mm
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Height	1480mm / 1680mm
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## PAY-IN-LANE

Choose the appropriate base to obtain the height you need.

Width	358mm / 642mm
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Height	1180mm / 1280mm
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## Manual cash desk APD

The APD consists of a wireless dual-screen tablet, desktop printer and scanner. APD can operate both standalone and networked.





# BARCODE GENERATORS & UPDATERS

## ATTENDED

### ACCESS/DISCOUNT PRINTERS

Thermal cards and tickets.  
Two pre-programmed push buttons.



[Grey button](#): Single Use 30 minutes  
[Blue button](#): Multiple Use until midnight  
[Orange button](#): Discount barcode.

### BARCODE UPDATERS

Can operate both standalone and networked.



Can be configured in one-ticket or two-ticket mode.  
Check below for specifications.

## UNATTENDED



### BARCODE UPDATER COLUMN

These columns can operate in two modes:

#### One-ticket system:

Scan your valid entry barcode and the Barcode Updater:

- o Activates on the exit columns a specific validity for your barcode.
- o Associates a parking discount to your entry ticket. If you then scan your entry ticket to the pay station, you'll only have to pay for the balance.

#### Two-ticket system

Scan your valid entry barcode and the Barcode Updater:

- o Generates an exit barcode with specific validity.
- o Generates a discount barcode. If you then scan this ticket along with your entry ticket to the pay station, you'll only have to pay for the balance.

# SCAN&GO PRO SOFTWARE



## VIRTUAL PRINTER

DAS Virtual Printer allows you to create an unlimited number of virtual push buttons, assign them custom layouts (specific logo and text) and/or relatively complex access rights: e.g. Single use 30 minutes, 10 uses 2 months (subscribers). DAS Virtual Printer also allows you to schedule visitors and e-mail them e-barcodes (barcode invitations). Visitors will then scan their self-printed or electronic barcode (smartphone) at the entrance.



## PROCONNECT

ProConnect is a cloud-based web application that allows bi-directional communication with online DAS hardware. In one direction it uploads events and data such as: revenue, access statistics, electronic alarms (scanner offline, payment terminal offline, paper empty status, paper low status, etc.). In the other direction, ProConnect allows amongst other things to: open a physical access remotely, change a parking rate, adjust a ticket layout, change access rights of one or more people, etc .... All this information can then be viewed in reports.



## SOFTWARE DEVELOPMENT KIT

Our SDK (Software Development Kit) is a Windows compatible 32 bits DLL file with functions allowing to decode, interpret and generate DAS compatible barcodes so that a third party product can interface with DAS. For instance a hotel allowing you to book a room via internet and to scan that same reservation confirmation at the entry column. Or a POS supplier who wants to read DAS entry tickets and print DAS exit barcodes on their till receipts.



## ADMINTOOL

Although a basic configuration can be carried out without using any software, the AdminTool configuration software offers the possibility of advanced configuration of all DAS products.



# TYPICAL INSTALLATION

To give you a complete picture of the Scan&Go Pro possibilities, we have provided each user case below not only with standard products but also with optional products/features. Only choose these options if they are necessary for the complete functionality of your installation. On the next two pages we have detailed four user cases. Please go to our website for the complete list.



A: Office building

B: Supermarket

C: Apartment building

D: Hotel

E/J: Virtual Printer software

F: Desktop printer

G: POS interface

H: Unattended barcode updater

I: Website interface

K: Manual cash desk

L: Pay-on-Foot station

M: Exit columns

N: Entry columns

O: ALPR columns

# 1. SUPERMARKET AND RETAIL SHOPS

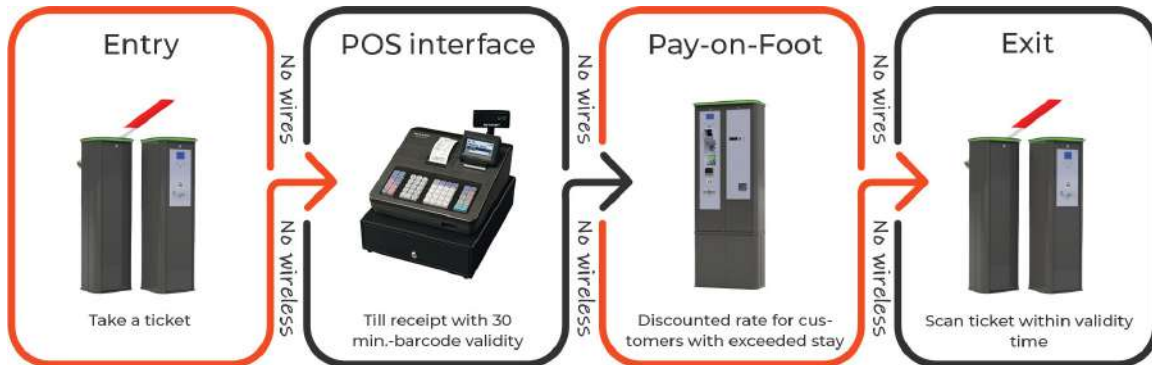
## SITUATION

Building B  
Shared car park

## PROBLEM

How to ensure no one enters or leaves the car park without visiting the store?  
How to associate a minimum purchase to free parking?

## SITUATION



## SCENARIO

Customers take an entry ticket. The cashier scans this ticket at the POS. Thanks to the SDK interface, the POS determines whether a parking amount is automatically charged and then prints an exit barcode on the till receipt. The customer scans this ticket at the exit within a predetermined grace period in order to leave the car park.

# 2. OFFICE BUILDINGS / MULTI COMPANY SITES

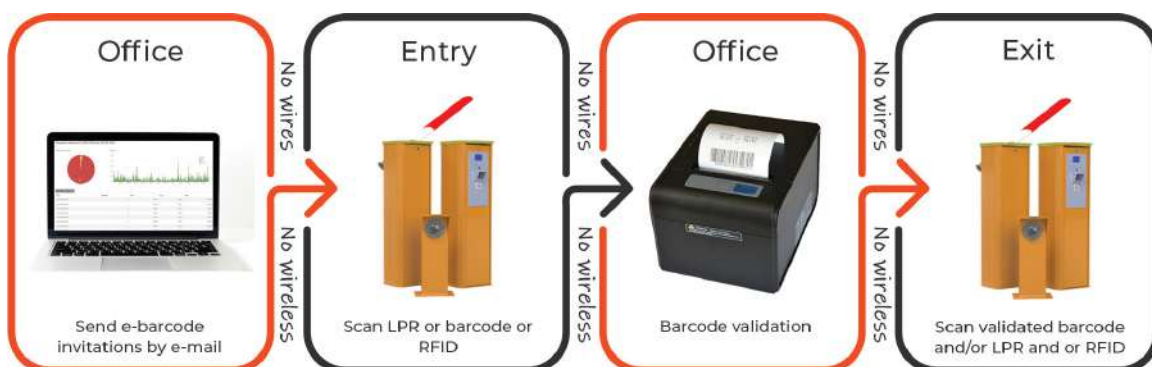
## SITUATION

Building A with many tenants.

## PROBLEM

How to effectively manage staff, planned and unexpected visitors without affecting negatively everyone's user experience?

## SITUATION



## SCENARIO

Tenants schedule their visitors using ProConnect. ProConnect automatically refuses requests when a tenant exceeds their quota. Visitors receive by e-mail a barcode having a validity that matches the planned appointment and that includes their license plate. Staff and planned visitor vehicles enter via the ALPR system. By default, staff members use their RFID card and planned visitors their barcode (smartphone or self-printed paper) as a secondary redundant identifier.

### 3. HOTELS

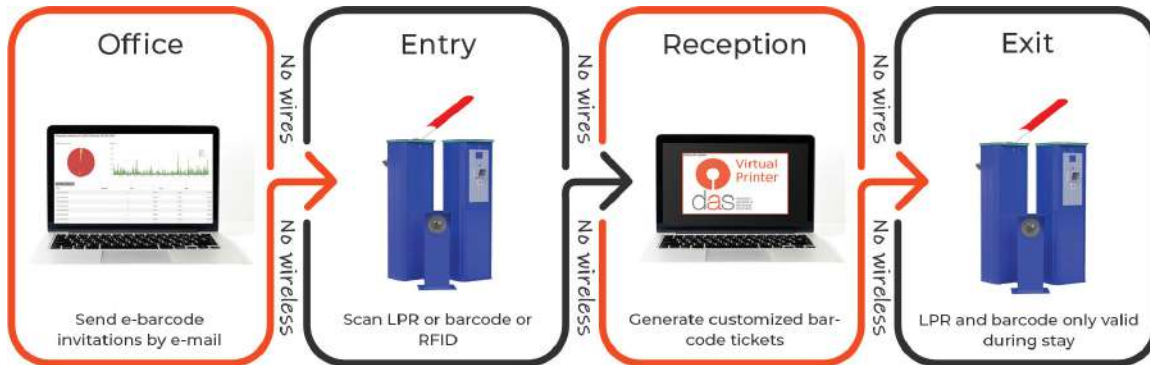
#### SITUATION

Building D

#### PROBLEM

How to ensure unattended access control for customers even outside working hours?

#### SITUATION



#### SCENARIO

Customers book a ticket through your website or you e-mail a barcode invitation with limited validity. The visitor scans within the validity period his/her smartphone or a printed version of the invitation at the entry column. The hotel receptionist hands over a barcode ticket with a parking validity that corresponds to the number of nights booked.

### 4. APARTMENT BUILDINGS

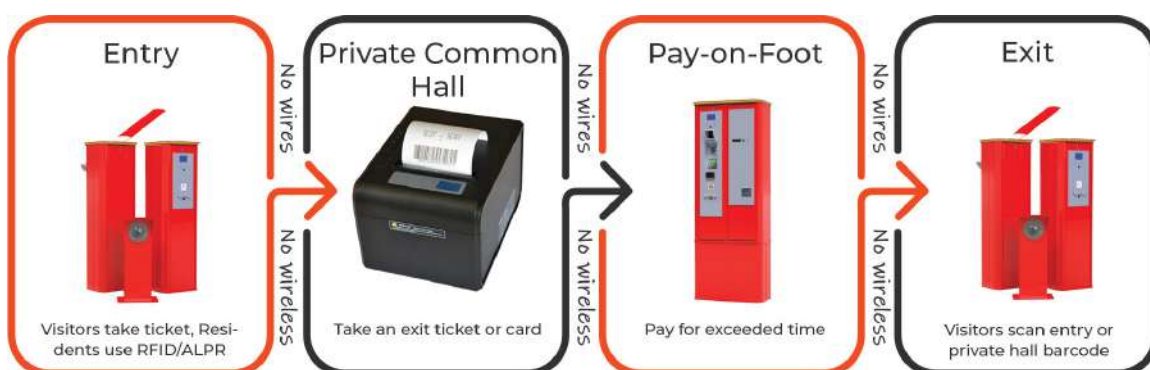
#### SITUATION

Building C with a large number of residents.

#### PROBLEM

How to ensure residents and their visitors easy access while avoiding unwanted users?

#### SITUATION



#### SCENARIO

Residents enter the car park by default via the ANPR system with RFID as a secondary solution. Visitors take an entry ticket, park their car, use the intercom to get access to the Private Common Hall. Before leaving, visitors take an exit ticket using the desktop printer installed in that same Common Private Hall, go to their car and scan that ticket at the exit station. If the host happens not to be at home, visitors can still leave the car park by scanning their entry ticket, within the validity period, at the exit station.

# EMPTY COLUMNS

We manufacture in-house aluminium columns that can be used for both vehicle and pedestrian applications. We by default use RAL 7016 powder coatings. Other RAL colours are optional.



## COLUMNS TYPE 1 & 2



Our aluminium columns come in two widths and three heights. All variants have a protection surround and a removable front panel.

Width	Height
100mm	1180/1680/2360mm
140mm	1180/1680/2360mm

## COLUMNS TYPE 6



Our aluminium columns are available in two widths and three heights and can all be configured with both a front or rear door. The double-width columns allow you to mount additional devices for which DAS can CNC-mill the openings.

Width	Height
358mm	1180/1680/2360mm
643mm	1180/1680/2360mm





# BENEFITS AT A GLANCE

## IDEAL FOR PREVENTING UNWANTED USERS

Scan&Go tickets have a lower cost than cards and a negligible cost when compared to tokens (that moreover regularly get lost). Our tickets and cards therefore do not need to be recovered which makes Scan&Go the ideal solution for managing temporary users like visitors, customers, suppliers....

## TICKET WITH LIMITED TIME VALIDITY

As Scan&Go stores the ticket validity in the barcode, you can determine how long and how often a ticket or card can be used. This means that you have control over when your visitors leave your site.

## INSTALLATION IN RECORD TIME

By default no need for data network, computer or software. Only electrical power. Installation works are limited to a strict minimum.

## COMMISSIONING IN RECORD TIME

Use barcode commissioning cards instead of software. Commissioning of a basic configuration is literally done in less than 30 seconds!!!!

## MORE VEHICLES PER MINUTE = FASTER EGRESS

As Scan&Go is contactless, the automatic barrier starts opening sooner than with other access control products based on contact technology. As a result your exit barrier processes a larger number of cars in the same time span, reducing the risk of paper jams and thus avoiding all negative implications that go along with it.

## CONTACTLESS = NO TROUBLES

Classic systems often need to swallow tokens or barcode cards and therefore regularly need to be emptied if you want to avoid a system shutdown. Scan&Go scans barcode tickets and cards without swallowing them. Once installed you basically should not have to worry about your access installation anymore.

## CONTACTLESS = CONVENIENCE

Classic access systems often require that you insert a token or barcode card in a reader. This results in the fact that too often you need to open your car door as you only have an arm length for insertion. Scan&Go Basic scans barcodes at a comfortable distance so you can drive out without having to open your door.

## MODULAR

Additions are easy and at a predetermined cost.



# PLUG & PLAY ACCESS & REVENUE VEHICLES & PEDESTRIANS



Plug&Play Access&Revenue Vehicles&Pedestrians

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