

SOLUTIONS FOR CAR PARK MANAGEMENT

FUNCTIONALITY, MODULARITY AND PROFESSIONALITY

Entrance and Exit Stations

Barrier

Automatic cash machine

Attended pay desk



LAYOUT

The system requires no data network.

Very simple installation.

Only 220V ac power supply indispensable.

LEGEND

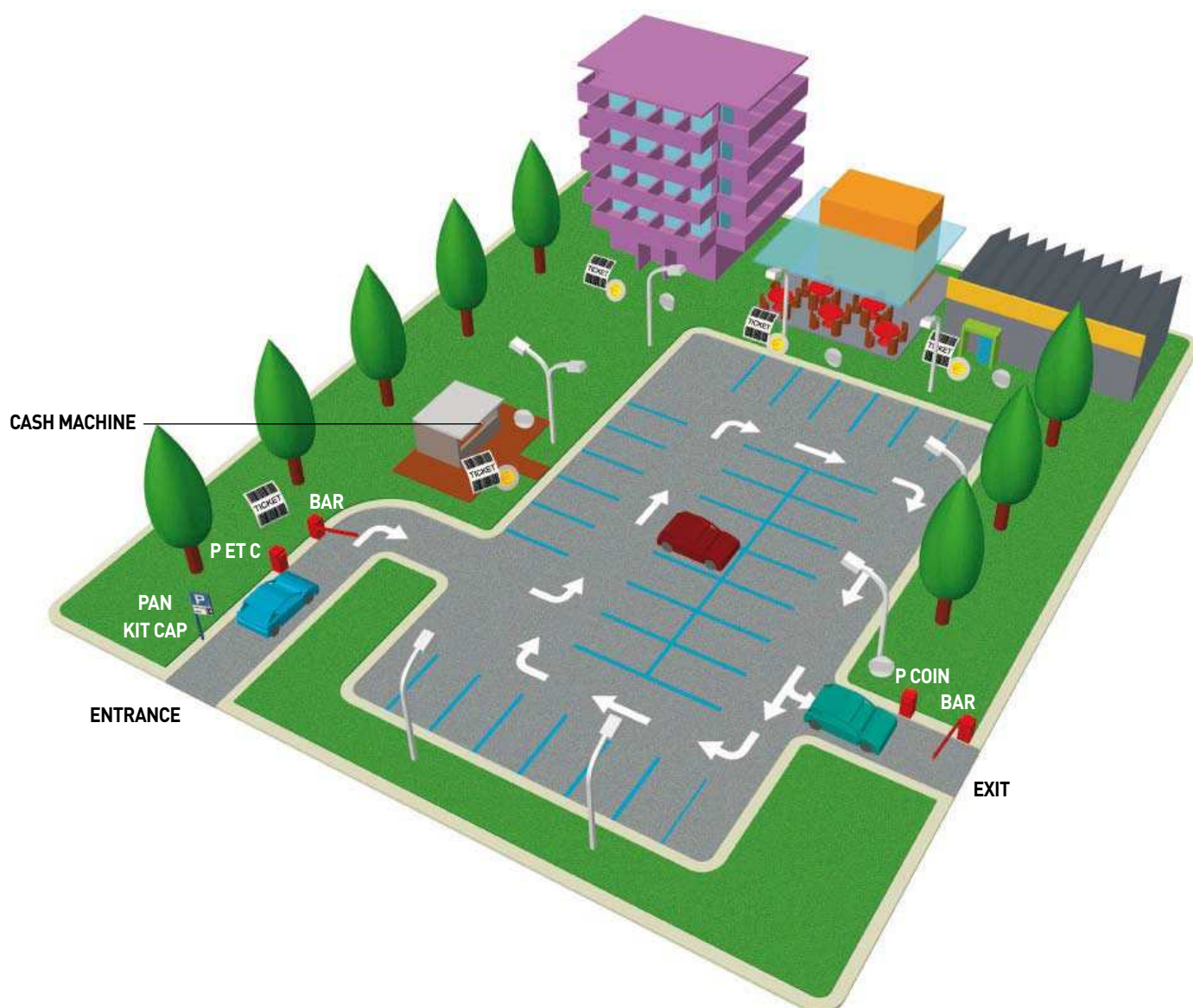
P ET C PARKY^{NS} ET C Entrance Station (detector included)

P COIN PARKY^{NS} COIN Exit Station (detector included)

BAR Barrier

PAN Indication Panel

KIT CAP Parking Capacity Kit



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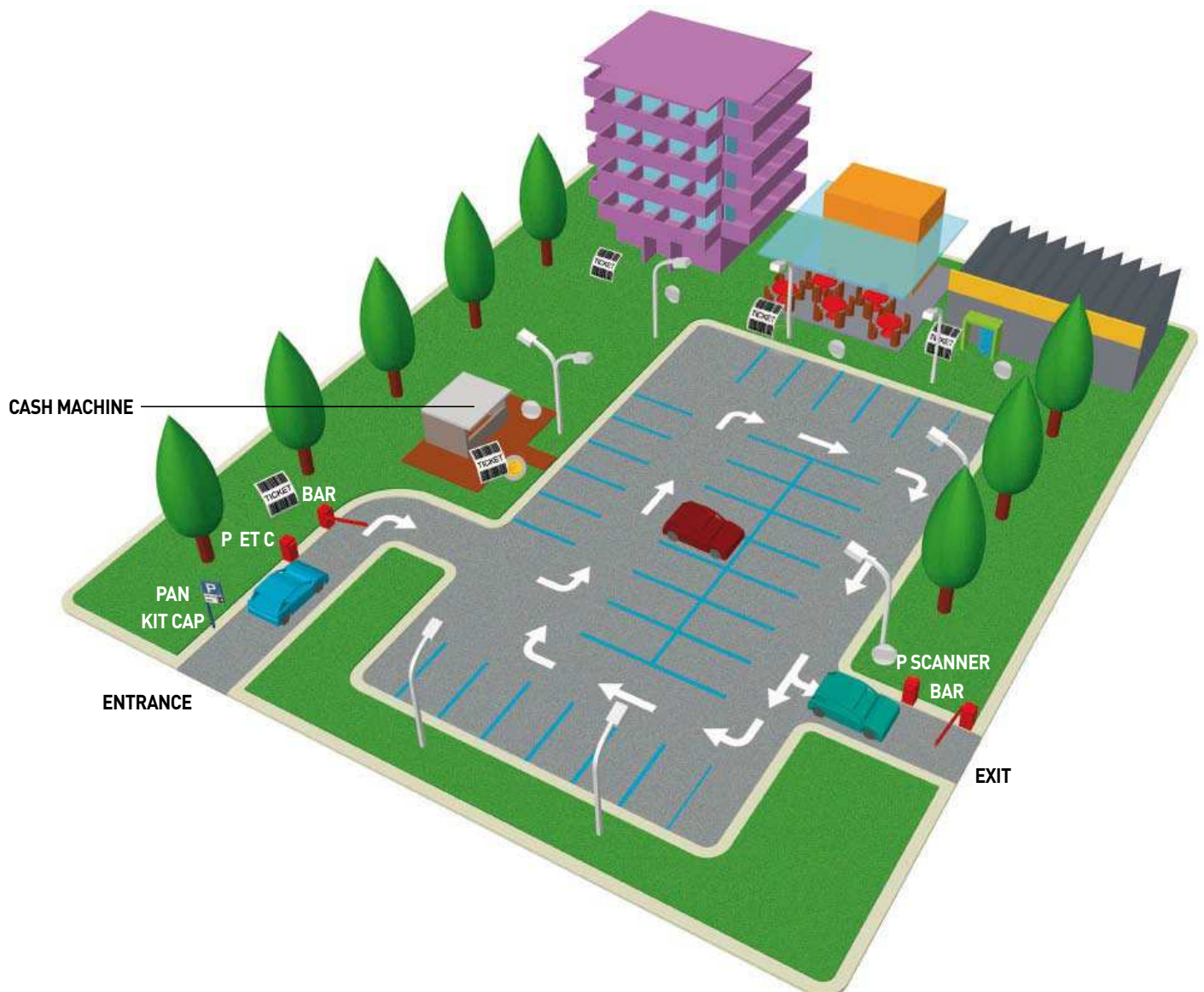
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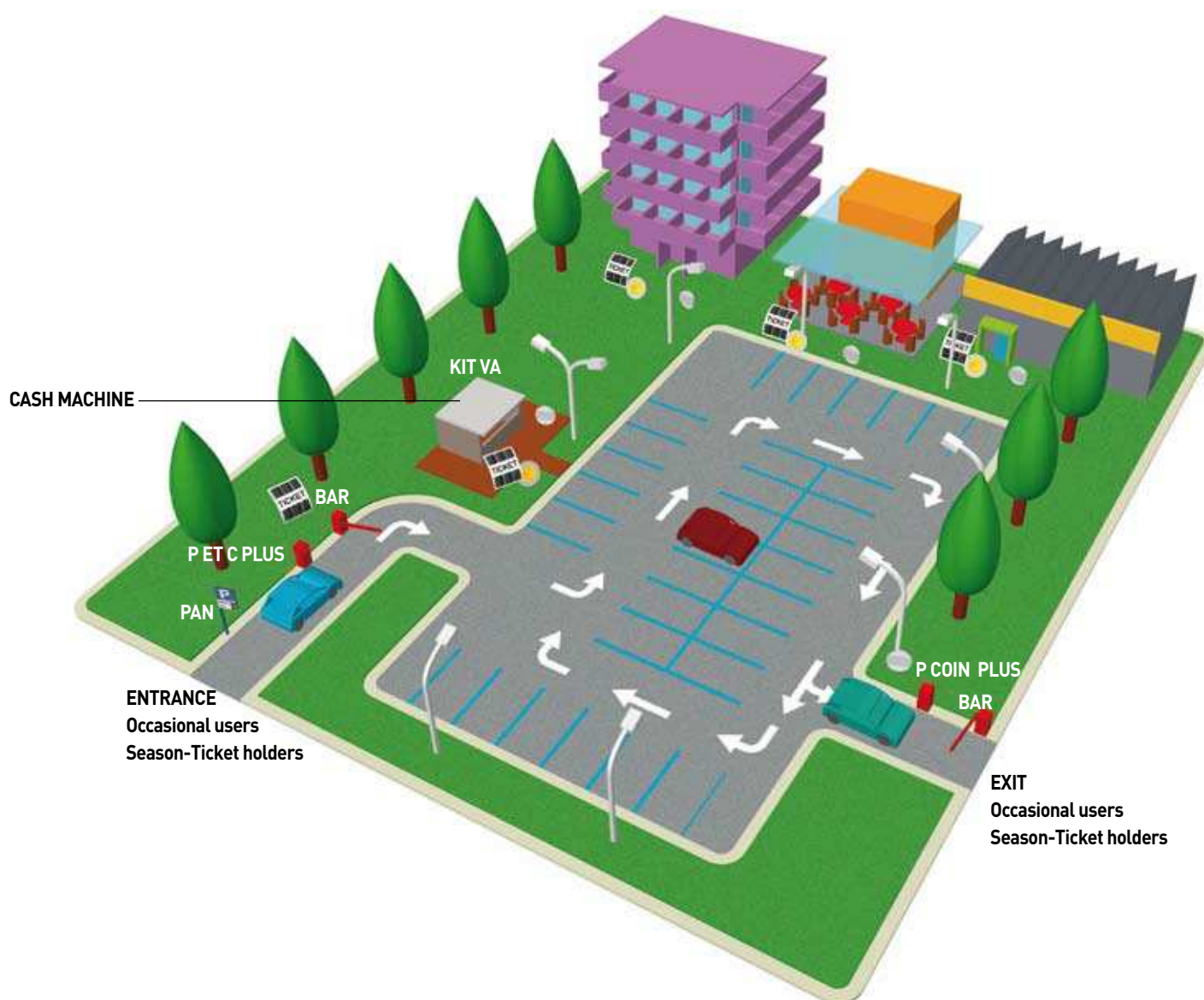
P ET C PLUS PARKY^{NS} ET C PLUS Entrance Station (detector included)

P COIN PLUS PARKY^{NS} COIN PLUS Exit Station (detector included)

BAR Barrier

PAN Indication Panel

KIT VA Alarm display kit



LAYOUT

The entrance stations are connected to the pay desk by means of just one CAT5 cable.

→ Display of appliance status directly on the PC:

- appliance diagnostics
- alarm for tickets running out
- alarm for barrier uprooted
- alarm for accidental crash into the station

→ Commands sent to appliances:

- open/close bar
- setting of access point operation mode
- setting of help messages

→ Display of number of spaces available

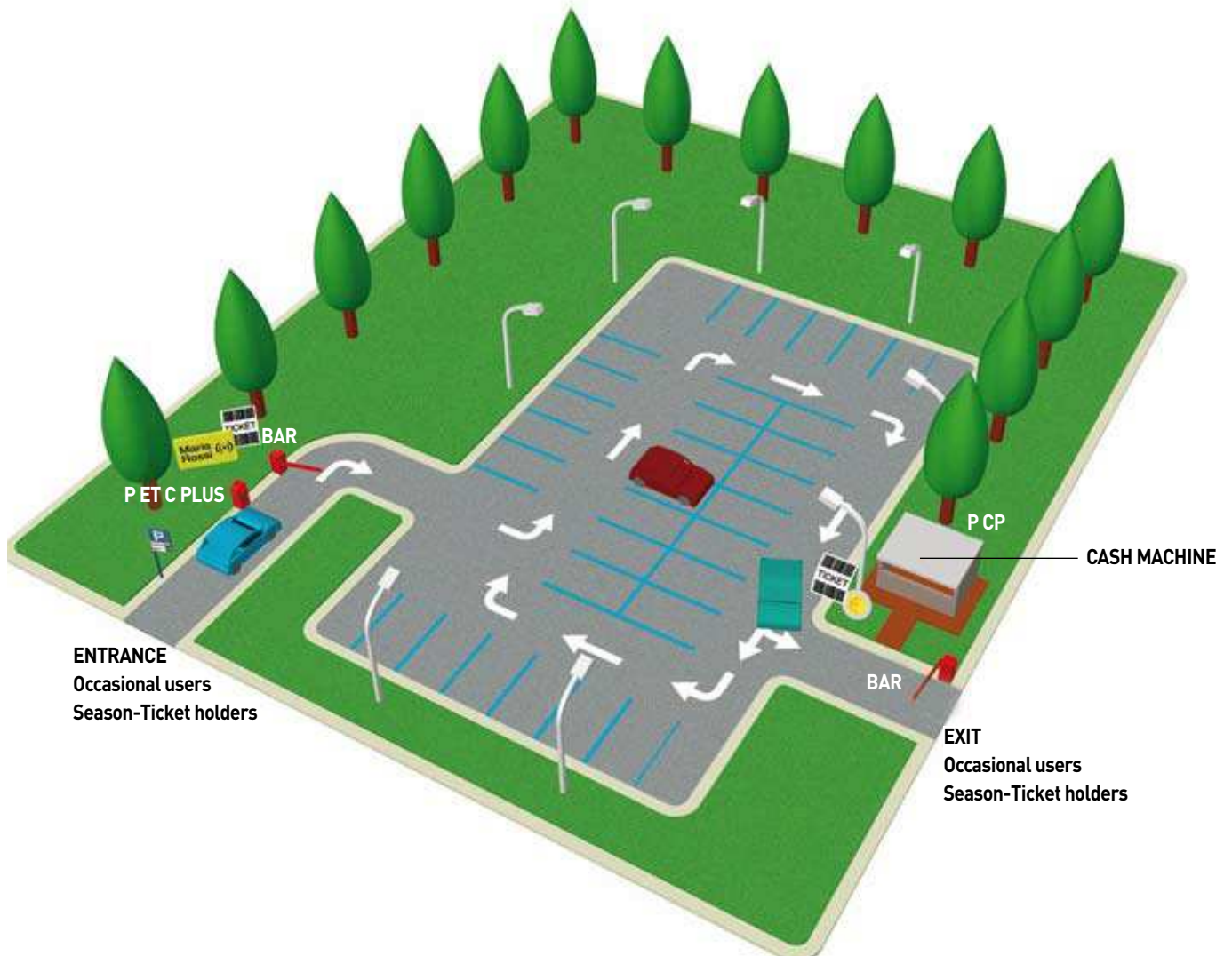
→ Automatic control of indication panel

LEGEND

P E T C PLUS PARKY^{NS} ET C PLUS Entrance Station (detector included)

P CP PARKY^{NS} ATTENDED PAY DESK

BAR Barrier



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LEGEND

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P SCANNER PARKY^{NS} SCANNER Exit Station (detector included)

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- setting of access point operation mode
- setting of help messages

→ Display of number of spaces available

→ Automatic control of indication panel

The Automatic Cash machine is connected to the Attended Pay Desk by means of the CAT5 cable via the TCP/IP protocol. From the attended desk, the Automatic Cash machine operation and status can be fully checked in real time .

LEGEND

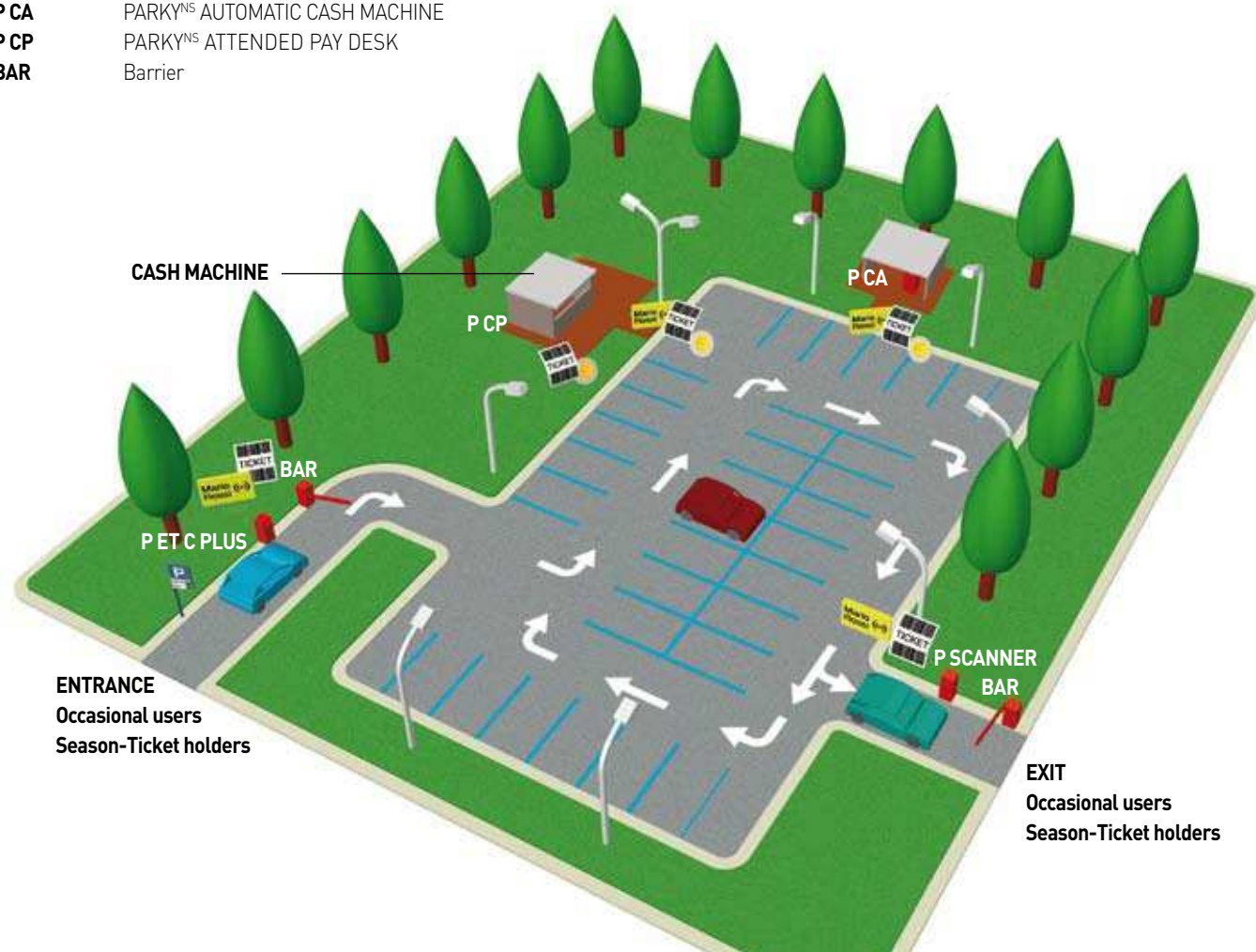
P ET C PLUS PARKY^{NS} ET C PLUS Entrance Station (detector included)

P SCANNER PARKY^{NS} SCANNER Exit Station (detector included)

P CA PARKY^{NS} AUTOMATIC CASH MACHINE

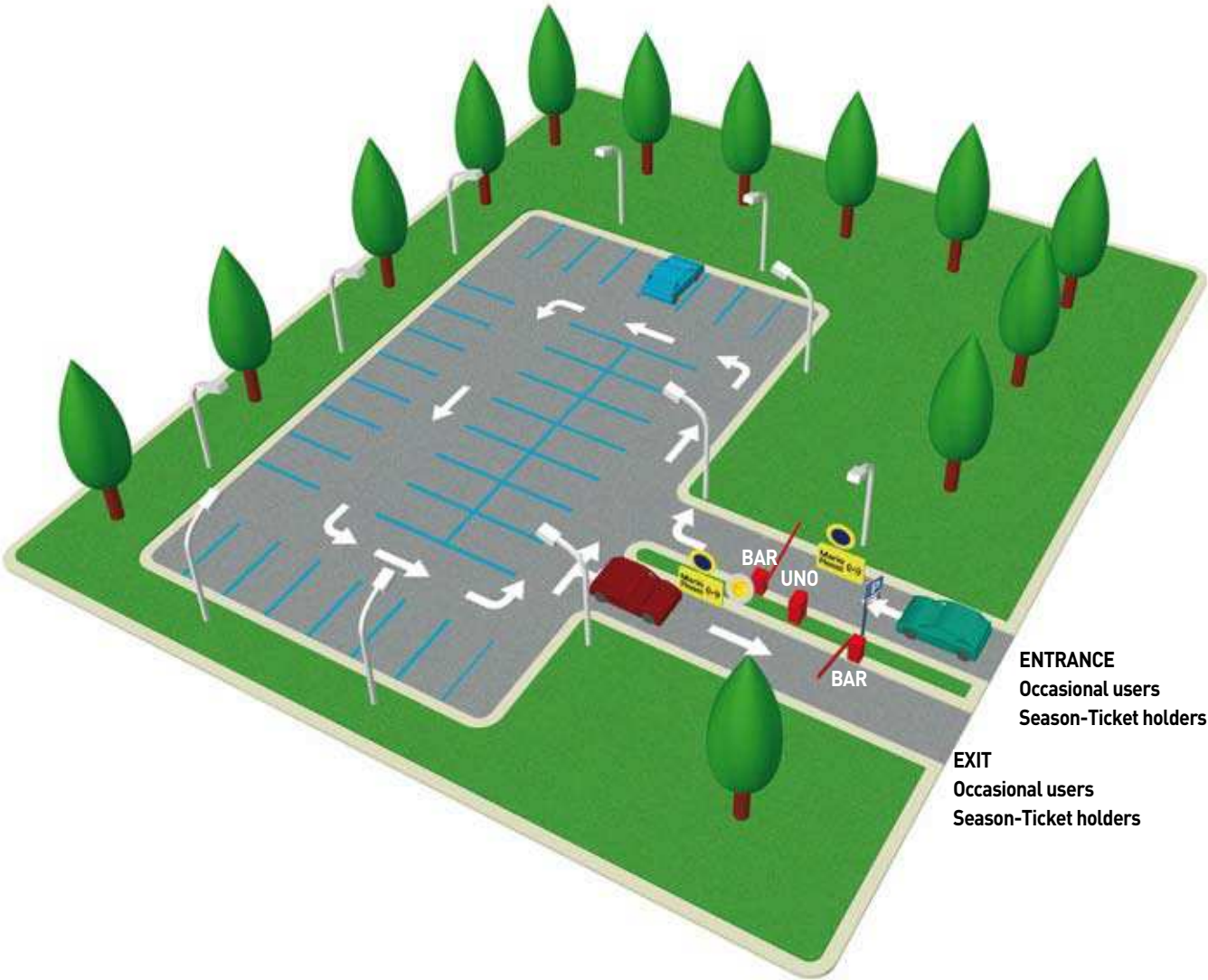
P CP PARKY^{NS} ATTENDED PAY DESK

BAR Barrier



LEGEND

- UNO** UNO MULTIFUNCTION STATION (detector included)
- BAR** Barrier



ENTRANCE AND EXIT STATIONS

CAR PARK MANAGEMENT SYSTEM

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PARKY^{NS} ET C P907041 00001

The PARKY^{NS} ET C posts control the entrance point completely, autonomously and safely thanks to the integrated management of magnetic loops and barrier.

The posts are provided with:

- side opening which allows convenient inspection without obstructing the lane, and optional wall mounting;
- body in sheet steel with protective cataphoresis treatment and polyester paint.

The posts are also supplied with:

- front panel having a piezoelectric ticket delivery button, positioned 110 cm from the ground for comfortable operation, and a corresponding ticket collection slot;
- ticket issuing unit fed by a continuous form, with a capacity of about 2700 tickets (170 g/sqm);
- high-resolution thermographic printer used to codify the date, time in hours and minutes, issuing unit and progressive number on the ticket; optional ticket customisation including the manager's logo and any information or advertisement;
- removable control unit to make wiring easier;
- electronic management board with double-channel vehicle detector;
- optical sensor indicating that ticket paper is about to run out.
- provision for 60W heater (optional extra)

Power supply voltage 230V/ 50Hz.

Maximum absorbed power 100 Watts.



PARKY^{NS} ET C PLUS P970041 00002

The PLUS version of the post, besides the features listed above, includes an **integrated intercom point** with a call button for the attended pay desk, a **proximity card reader** for season-ticket holders, a **display** for useful information (for example: residues of scale-down season tickets or other messages) and a **voice synthesiser** for help messages.



PARKY^{NS} COIN

P970035 00002

The PARKY^{NS} COIN posts control the exit point completely, autonomously and safely thanks to the integrated management of magnetic loops and barrier.

The posts are provided with:

- side opening which allows convenient inspection without obstructing the lane, and optional wall mounting;
- body in sheet steel with protective cataphoresis treatment and polyester paint.

The posts are also supplied with:

- front panel having a validation device for dimensional and magnetic check of the means of payment, consisting of one BFT customised coin, positioned 110 cm from the ground for comfortable operation;
- electronic management board with a double-channel vehicle detector.

Power supply voltage 230V/ 50Hz.

Maximum absorbed power 100 Watts.



PARKY^{NS} COIN PLUS

P970039 00002

The PLUS version of the post, besides the features listed above, includes an **integrated intercom point** with a call button for the attended pay desk, a **proximity card reader** for season-ticket holders, a **display** for useful information (for example: residues of scale-down season tickets or other messages) and a **voice synthesiser** for help messages.

ENTRANCE AND EXIT STATIONS

CAR PARK MANAGEMENT SYSTEM

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PARKY^{NS} SCANNER P970035 00003

The PARKY^{NS} SCANNER post controls the exit point completely, autonomously and safely thanks to the integrated management of magnetic loops and barrier.

The post is provided with:

- side opening which allows convenient inspection without obstructing the lane, and optional wall mounting;
- body in sheet steel with protective cataphoresis treatment and polyester paint.

The post is also supplied with:

- front panel having a multidirectional scanner for reading the ticket collected at the entrance, positioned 110 cm. from the ground for comfortable operation; the ticket is validated without contact by holding it up to the machine, any way round;
- integrated intercom point;
- proximity reader for season tickets;
- graphic display for information;
- voice synthesiser for help messages.

Power supply voltage 230V/ 50Hz.

Maximum absorbed power 100 Watts.



PARKY^{NS} ATTENDED PAY DESK R950006

A station which allows all the parking system hardware and software parameters to be configured. Moreover PARKY^{NS} ATTENDED PAY DESK enables all payment operations, as well as the issue or renewal of season tickets on transponder cards which are scaled-down according to time, money or points.

The system can also display the alarms coming from peripheral stations and a summary of daily and periodical operations.

The system is made up of:

- latest-generation personal computer with a keyboard and a screen;
- laser barcode reading unit;
- printer for payment receipts;
- courtesy display which shows the user the amount to be paid.

Moreover, the following can be requested:

- management of several cashiers;
- report with statistical graphs;
- remote-control assistance (optional).

The station can be equipped with an intercom unit connected to the entrance/ exit stations for customer assistance.



PARKY^{NS} AUTOMATIC CASH MACHINE

P970040 00001

PARKY^{NS} AUTOMATIC CASH MACHINE allows full automation of the payment operations for occasional parking tickets. It coordinates the operation of peripheral stations to which it is connected by means of the data network.

The fee calculation procedure is simply started by displaying the ticket at a distance with no particular orientation, and is guided and supported by recorded messages in the language chosen out of the 5 available.

The payment can be made using coins and/or banknotes, the cash machine will give any change owed and the payment receipt.

The cash machine consists of a painted steel cabinet with safety locks.

The front panel features:

- ticket reading optical scanner;
- ¼ VGA graphic colour screen;
- acceptance slot for coins in 5 denominations;
- acceptance slot for banknotes (4 denominations read on 4 sides);
- payment receipt slot;
- small change compartment.
- voice synthesis for support messages;
- Door Open warning for both top and bottom door.

Power supply voltage 230V/ 50Hz.

Maximum absorbed power 500 Watts.

AUTOMATIC CASH MACHINE AND BARRIER

CAR PARK MANAGEMENT SYSTEM

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UNO MULTIFUNCTION STATION

P970037

An original appliance for full and integrated management of two access points positioned side by side.

The coin issuing, coin collecting, and payment functions are integrated.

It manages two typical categories of users - occasional users and season-ticket holders.

The originality of this appliance also derives from the fact that coins can be re-used, therefore eliminating the need for recharging.

It keeps count of the spaces taken in the car park and controls a count-related traffic-light system.

It automatically calculates the parking cost based on the preset rate table and also differentiated according to holidays, time bands and categories.

It minimises the need for wiring, making it actually possible for seasonal installations to be disassembled and stored.

- Receipt printer
- Payment and change given in coins
- Money computation
- Event history file
- Voice synthesiser



BARRIER

P940030 00002

Electromechanical barrier suitable for car parks. Boom length up to 3m. Provided with quick key-operated release.

Electronic motor control.

High-speed version: 1.5 seconds (PLUS slow-down function over the last 10 degrees).

Encoder for immediate detection of any change in boom movement caused by an obstacle. Reduction in squashing force related to time.



MAGNETIC LOOP

D110945

- Pre-wired
- Measuring 75 x 170
- 6-metre terminal

AUXILIARY PRODUCTS

CAR PARK MANAGEMENT SYSTEM

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P111393 - INTERCOM SWITCHBOARD

Hands-free intercom switchboard for 10 external stations, provided with a central console.

- Half-duplex functionality
- Sturdy functional console
- Excellent acoustic performance



P111394 - READER FOR SEASON TICKETS

RF reader for season-ticket proximity cards. Centralised by means of the RS485 device.

12V dc low-voltage power supply.
Low-power contact for barrier opening control.



P111395 - INDICATION PANEL

Sign indicating the parking status as "free/full" with one-sided traffic lights.

Approximate dimensions:
900x1200x370mm (L x H x D)



P800030 VARIABLE MESSAGE BOARD

Indicator sign showing car park status with special area for variable FREE/FULL/999 SPACES LED message.
Dimensions: 1120 x 850 x 370 (H X W X D)



D113708 - PARKING CAPACITY KIT

Electronic board for counting the vehicles in the car park.

It can manage up to 10 logic inputs from a clean contact and control up to 4 traffic-lights or indication panels.



P800028- 60W HEATER

60W heater for PARKY¹⁵ stations



P800029 - TTP 243 PLUS STAND ALONE PRINTER

Printer with 2MB internal memory. Enables receipts to be printed in the manned pay station. In Standalone mode, it can be used to handle printing of valid exit tickets (free ticket or discount ticket).



P800022 - ALARM DISPLAY KIT

The alarm display SW Kit includes a CD to be installed on a PC (not supplied) for the display of alarms (paper run out, barrier open etc.) and the management of season-ticket holders by means of transponder cards. This software has been conceived for simple parking systems which use PARKY¹⁵ COIN as the exit post, and cater for season-ticket holders as well as occasional users. The alarm centralisation function optimises the manager's work.

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