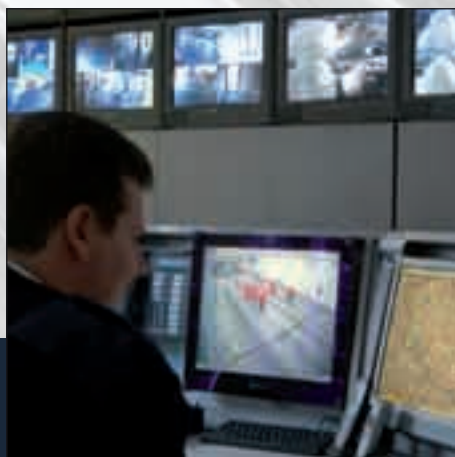


# KEYPROCESSOR-SCANTON

PARKING & ACCESS SOLUTIONS



iProtect•PMS™  
PARKING MANAGEMENT SYSTEM



**Effective parking management with iProtect•PMS™**

guration in combination with a database and intelligent substations. They continue to operate even if the connection to the hub should fail. This means that you can count on continued operation. iProtect•PMS™ is web based, which means that all the screens are displayed as web pages. This eliminates the need to install user software locally and results in considerable cost-savings for the user. What's more, the utilisation of web technologies furthermore makes iProtect•PMS™ completely location independent. The system can be managed from every workstation that is equipped with Internet Explorer.

The base hub of iProtect•PMS™ can be tailored to meet your specific parking needs by expanding it to include entry terminals, exit terminals, ticket machines, staffed registers, IP video systems, number plate recognition, access management, intercoms, vehicle detection, barriers and a range of payment options and network solutions.

**iProtect•PMS™ and it's applications**

The iProtect•PMS™ parking system can be completely aligned to a wide range of parking formats including the following:

<b>Pay after parking</b>	In parking garages or car parks at supermarkets and hospitals.
<b>Central Parking Management</b>	Combination of central management for street parking, urban bollards and a comprehensive solution for pay after parking in multiple garages or car parks.
<b>Event parking</b>	For exhibitions, amusement parks and trade fairs.
<b>Company Parking</b>	Regulated parking for companies, office complexes and resident garages.

**Introducing iProtect•PMS™**

**There is a wide range of parking formats and each demands its own unique approach, design and management method.**

iProtect•PMS™ is a product of Keyprocessor-Scanton. The system has been designed and constructed to suit the full range of parking formats. Thanks to its powerful and versatile software and modular construction, your system can be tailor-made to achieve an optimum parking solution that meets your specific needs.

iProtect•PMS™ can be effortlessly integrated within other systems thanks to the use of technologies based on market standards. Examples include integration based on JDBC, JSP and XML.

And thanks to comprehensive integration with Keyprocessor's **iProtect™**, iProtect•PMS™ can

also be expanded into a fully-fledged web-based security management system. This all combines to ensure that iProtect•PMS™ enables you to manage and secure your parking application effectively at any location!

**iProtect•PMS™ System Structure**

Keyprocessor-Scanton focused special attention on scalability and reliability when designing iProtect•PMS™. The system consists of a centralised confi-

**iProtect•PMS™ makes it possible to grant access based on number plate recognition**

**Pay after parking**

The parking format based on having users pay after they have parked is frequently characterised by a complex tariff structure, watertight control of money flows and registration of subscription holders, employees and visitors. Detailed reports on relevant parking statistics are an intrinsic part

of the process. iProtect•PMS™ fulfils all these needs and requirements. The system features a diverse range of types of payment, such as coins, bank notes, PIN, bank card, credit card and debit card.

The powerful ticket machine supports one or more of these types of payment simultaneously. Even the basic module has an extremely robust and flexible tariff structure that enables linear, degressive and progressive payment or a random combination of these methods.

iProtect•PMS™ provides watertight control of money flows.

## iProtect•PMS™ is based on open technology standards

The coin and bank note safes are self-closing and an ID Card is used to register their removal. All the relevant data can be retrieved afterwards in the hub. The hub can be equipped with Keyprocessor's **iProtect™** access control module that enables flexible, simple and watertight management of subscription holders. The system supports all standard scanning principles, such as credit card, proximity, bar code and number plate recognition.

The iProtect•PMS™ system even allows for nested structures, such as a separate parking area for subscription holders within the standard garage. It can also handle the security for the entire project, including a fully integrated IP video system and supervision of fire, carbon monoxide and LPG detection systems.

The tariff and discount structure can naturally be linked to the subscription holders. iProtect•PMS™ also boasts a flexible export module that makes it easy to transport the data required for invoicing to the financial system.

It also supports the full range of applications such as reversible lanes, lane signalling, parking place allocation, counts per parking layer/deck, graphic display of parking situation and many other features.

### Central Parking Management

This is distinguished by a combination of multiple parking formats and support features such as parking allocation systems. It is, for example, possible to implement pay after

parking at multiple locations and certain areas can be closed off with urban bollards. In virtually all cases, all the systems are placed in one central control room. iProtect•PMS™ can also easily facilitate communications across large distances thanks to the compatible nature of its architecture. The existing ICT infrastructure within the municipality can be used because iProtect•PMS™ is entirely web based.

In short, iProtect•PMS™ is the solution for comprehensive parking garage management, effective parking allocation system, urban bollards, municipality-wide access management, all the required reporting and



full automation of your control room!

### Event Parking

Events are characterised by extremely busy peak times for entering, exiting and paying. Special applications are also required for exhibition set-up days to provide exhibitors with access.

Optimum operational security, rapid through-flow, good management possibilities and an extensive range of payment methods are vital. Optimally reliable and extremely fast bar code technology ensures that high through-flow speeds are achieved. The ticket machine can process financial transac-

tions at a whirlwind pace. The access management module and a large number of specifically pre-printed entry tickets enable flexible management and provide solutions for even the most difficult set-up and take-down days. And by adding the **iProtect™** module to iProtect•PMS™, you can create a fully integrated management system for your event.

### Street Parking

This type of parking is hall-marked by a lack of physical control over vehicle entry and exit. While Keyprocessor-Scanton does not produce equipment that is specifically suitable for street parking,

the iProtect•PMS™ management hub can be linked to, for example, ticket machines. This means that the total management of the machines can, for example, be carried out



**can be easily expanded to include other modules thanks to its flexible construction**



remotely by the central control room via the cable. One press of the button is all it takes to gain a full overview of the total parking revenues! What's more, the correct information can also be transmitted to the parking allocation system in order to prevent unnecessary traffic.

#### **Company Parking**

This parking format normally does not include tariffs, but is rather used to allocate parking places as efficiently as possible. Parking space is in extremely short supply at many companies, office complexes and resident garages. The operating costs also must not be overly high because the revenues are very limited.

iProtect•PMS™ can be combined

with the various scanning principles for subscription holders and can be operated entirely remotely in order to minimise operational costs. There are modules available for extremely advanced visitor management. This makes it possible to provide visitors with an inexpensive ticket that enables them to enter the premises. The versatile hub enables matters such as garage in garage, counts, special tariffs with post-calculation and dividing the grounds into smaller virtual parking places. iProtect•PMS™ can also easily operate roll-down shutters, road barriers, fences and speed gates. Combining iProtect•PMS™ with **iProtect™** makes it possible to secure the property entirely, even from a remote location.

#### **In closing**

The parking formats described above are only a few examples of our multifunctional iProtect•PMS™ system. The basic configuration can be adapted to your specific parking needs.

The open and compatible architecture, the numerous modules and versatile software make it possible to develop a tailor-made and optimum parking system for practically all applications. And because iProtect•PMS™ is developed under our own management, we can respond to your needs quickly and flexibly.

Keyprocessor-Scanton is committed to providing optimum service, maintenance,

installation, realisation and project management. We will be pleased to make a tailor-made proposal according to your specifications.

**iProtect•PMS™ provides you with the right solutions for your parking problems**





# KEYPROCESSOR-SCANTON

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