ima

Institute
of Microelectronic
Applications

IMAporter
Pro

Discover all the advantages of integrated identification with the IMAporter Pro ID system:

- Complex identification system

- Connections to other systems (eg. CCTV, security & fire alarm system)

- Level 4 certification by the National Security Authority ("Top Secret")

- Long-standing proven and reliable ID system

Integrated identification with the IMAporter Pro ID system

SINGLE IDENTIFIER, UN-LIMITED IDENTIFICATION POSSIBILITIES

IMAporter Pro combines various corporate systems in a single complex identification system. As a result, we can use a single identifier (a card, a key fob, a smart mobile device, bio-metry etc.) for every possible purpose – to open doors, gates or turnstiles; to collect keys or valuables from safes, to use a printer or a lift, to order and pay in the canteen and more.

INTEGRATION OF RELATED CORPORATE SYSTEMS

IMAporter Pro provides two-way communication with standard corporate systems such as IT systems like SAP, OKsystem, Elanor, DTC, Flux, ComArr etc. Our ID system can be easily integrated with existing catering, parking, attendance, loyalty or other implemented corporate systems.

CONNECTIONS TO SECURITY SYSTEMS

IMAporter Pro can be easily connected to various security systems such as CCTV, se-curity & fire alarm systems. IMAporter Pro has inherent connections to the security superstructures such as C4, Integra, SBI etc.

APPLICATION IN INNO-VATIVE PROJECTS (IOT, SMARTHOME, SMART-CITY ETC.)

The variable concept of the IMAporter Pro ID system allows for its active use in IoT (Internet of Things) projects with the support of platforms like LoRa and SigFox. The system is also applicable for integration of individual elements and technologies in SmartHome or SmartCity projects.

Diagram – user application options

Virtual card production and printing site

Vending machines

Canteen and meal distribution

Vehicle register

Safe deposit box

Attendance terminals and biometry

IMA IDENTIFICATION SYSTEMS

Carparks and entrances

Automated door control

Lift control

Turnstile pass

Door opening

Copy machines

System modules

IMAporter Pro ID system is comprised of dedicated modules allowing for considerable flexibility of its utilization. Our ID system includes more than 50 modules and these are the ones used the most frequently:

K4−MANAGER
User interface for system administration.

K4−SERVER
Communication server allowing for data transfer between the database and individual readers.

K4−MASTER
Intelligent device controlled by the K4-Server and providing for example passage data.

K4−EVACUATION
Creates lists of persons currently present in certain zones as well as lists of all persons present.

K4−EVIDENCE
Record of installed HW with optional print sets and use for external companies.

K4−CHECK
Shows photographs and descriptions of persons passing selected readers.

K4−ALARM
Shows alarms of the respective access control system and allows its operation.
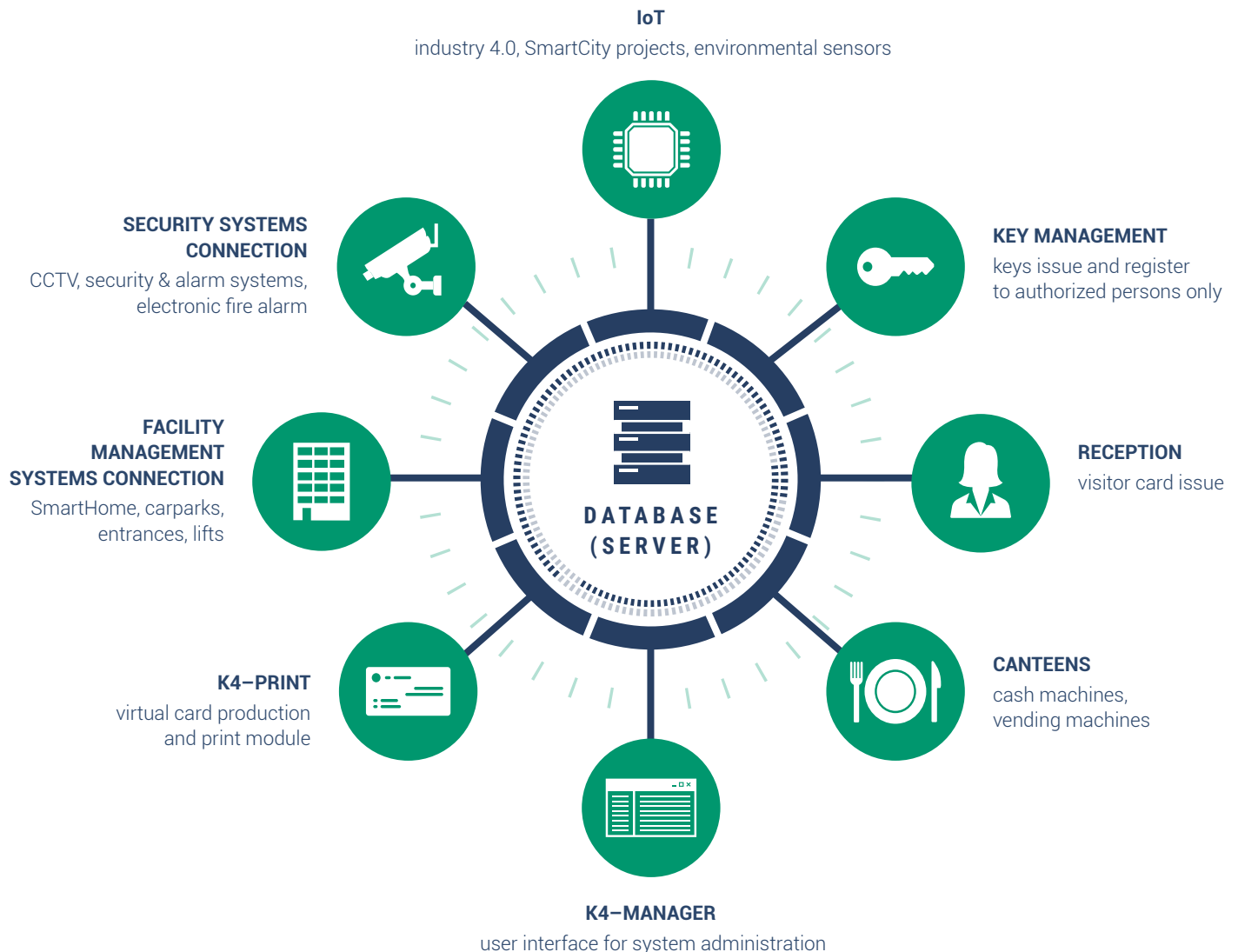
K4−RECEPTION
SW module for PC, used for record keeping and monitoring of visitors.

K4−SAP
Interface for connection to the SAP information system.

K4−KEY
SW module (service) for PC which enables contact with the safe deposit boxes.

IoT
industry 4.0, SmartCity projects, environmental sensors

SECURITY SYSTEMS CONNECTION
CCTV, security & alarm systems, electronic fire alarm

KEY MANAGEMENT
keys issue and register to authorized persons only

FACILITY MANAGEMENT SYSTEMS CONNECTION
SmartHome, carparks, entrances, lifts

RECEPTION
visitor card issue

DATABASE (SERVER)

K4−PRINT
virtual card production and print module

CANTEENS
cash machines, vending machines

K4−MANAGER
user interface for system administration

CONTACT US

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