



# KEYDOM

**ACCESS**  
CONTROL SOLUTIONS

**REFRAL**

**FAAC**  
*Simply automatic.*



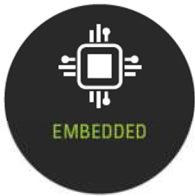
JUST ONE DEVICE, EVEN MOBILE, AND A WEB BROWSER ARE ALL YOU NEED TO ACCESS AND MANAGE THE SYSTEM



SIMPLIFIED INTERFACE FOR PROGRAMMING



IT CAN BE INTEGRATED WITH ALL OTHER SYSTEMS DEDICATED TO THE PROTECTION OF AREAS AND/OR BUILDINGS.



THE SOFTWARE IS ALREADY INSTALLED AND INCLUDED IN THE NETWORK CONTROLLER MANAGEMENT SYSTEM



SOFTWARE FOR PHYSICAL AND VIRTUAL X64 SERVER ARCHITECTURES

# KEYDOM

## ACCESS CONTROL SOLUTIONS

Keydom is a FAAC access control system that is intuitive, ready to use, and easy to use. The Web-based application does not require software to be installed: the entire system can be easily configured via a browser on any device connected to the system. The extreme scalability of the system allows different architectures to be used according to your needs.

The products, from the software to the hardware components, to the physical access systems (turnstiles, barriers, automatic doors, bollards), are designed and manufactured entirely by FAAC. FAAC is able to offer turnkey solutions, from consulting and the design of the system to its production.



# KEYDOM FEATURES

## KEYDOM KNOWS



WHO YOU ARE



WHERE YOU ARE



HOW MANY  
PEOPLE THERE ARE  
IN AN AREA



WHEN YOU  
CAN ENTER,  
WHEN YOU  
CAN EXIT



WHO DECIDES



HOW LONG  
YOU STAY  
IN AN AREA



PROVIDES  
REPORTS

### Management

500,000 users  
4,096 accesses

### Real-time monitoring

Operations monitoring with the option to filter by device, area and user  
Counter monitoring  
Alarm monitoring  
Monitoring of device status for inputs / outputs and logic states  
Operator action and system activity monitoring  
Instant presence display with area filter  
Facility device status display and control

### Archive management

External user and visitor archive  
Companies archive  
Special days Calendar archive  
Time Slot archive  
Access policy archive  
Fixed routes  
Profile archive: description of access card permissions

### System management

Configurable hierarchy-based system structure  
Area and device configuration via graphic representation  
Software update via browser

### Actions

Instantaneous electronic activation  
Send e-mail  
Browser pop-ups

### Reports

Event reports  
Operator action reports  
Alarm reports  
Instant presence status reports  
Export reports in CSV format for easy data import to an external service.

...AND MUCH MORE

# TRANSPORT AND LOGISTICS

Security, streamlined flow and fast  
vehicle identification

# BUSINESSES AND OFFICES

Perimeter and sensitive area  
monitoring for people and vehicles



# TOURISM

Integrated customer access and services management

# HEALTHCARE

Centralized 24 h protection and user management for sensitive areas

# PUBLIC ADMINISTRATION

Security and real-time monitoring of employees and external users





# KEYDOM FOR TRANSPORT AND LOGISTICS

Security, streamlined flow and fast vehicle identification

For **transport and logistics companies** FAAC offers a control system that enables **both vehicular and pedestrian flows**, such as company employees, regular and occasional users (carriers, couriers, etc.) to be regulated. Different technologies can be used to manage each type of user access, for example **TAG,**

**LONG RANGE or NUMBER PLATE readers.** Special attention is also paid to **the transit of occasional users**, who can obtain a ticket from the vehicle entrances, which they then have to validate at the dedicated stations **in order to exit** (useful for example to make sure that all the operations have been carried out correctly).





**Combined management** with truck queue management system



**Easy access** via number plate recognition or barcodes



**Vehicular and pedestrian traffic monitoring** inside the area



Option of enabling **exit from the area** only after **validation** by **internal staff**



Regular or occasional **user management**



# KEYDOM FOR **BUSINESSES** AND **OFFICES**

Perimeter and sensitive area monitoring for people and vehicles.

For **businesses and offices**, FAAC offers an access control system **suitable for both large and small organizations**, which is fully scalable at all times.

It will be easy **to manage vehicle and pedestrian** accesses for employees and visitors in order **to monitor access** to various areas with

different levels of security, **identify personnel and vehicles** and **manage their presence** inside every facility.

Great attention is also paid to **calculating the number of people present**, which is essential information to have in the event that the premises have to be **evacuated** in an emergency.





**Monitor and register** employees and visitors when entering and exiting



**Can be interfaced** with monitoring and/or presence management systems



**Compartmentalization of areas** with different levels of access



Issuing of **temporary passes**



**Real-time monitoring** of users present in the area



# KEYDOM FOR TOURISM

Integrated customer access  
and services management.

For the **tourism sector**, **FAAC offers a management system for customers and their families** for all accesses of the facility, whether pedestrian or vehicular, allowing a period of validity and access to services to be set

according to individual requirements.

The system is also designed to be **easily integrated** with booking software, thereby considerably simplifying the **work of staff**.





**Access** to the area and services is restricted to **authorized customers**



**Access is guaranteed** only for the paid period



**Can be interfaced** with booking systems



**Use of paid services** only by those who are eligible



**Vehicle access guaranteed** only for the number of vehicles allowed and in the correct time slots



# KEYDOM FOR HEALTHCARE

Centralized 24h protection and user management for sensitive areas.

For the **healthcare sector**, FAAC offers a highly flexible and scalable system, capable of **monitoring and managing employee and patient access in real time**. Special attention is paid to sensitive areas and those restricted to personnel, such as lifts, laboratories, storerooms

and the emergency department. The software allows you to manage the flow of people and vehicles simply and immediately according to their **different individual security levels**, providing effective prevention against theft and protecting patients and medical personnel.





**Pedestrian and vehicle** access control



**Can be interfaced** with monitoring and/or presence management systems.



**Simple grant/revoke access** to high traffic rooms (e.g. consulting rooms)



Lift priority call **management** for internal staff



**Protection of sensitive facilities** such as medicine storage rooms, analysis laboratories, clean rooms, etc.



# KEYDOM FOR PUBLIC ADMINISTRATION

## Security and real-time monitoring of employees and external users

For **public administration**, FAAC offers an access control system that can guarantee **maximum security and flexibility**, to manage for example, access to **libraries, municipal offices, barracks and laboratories**. As well as continuously checking the number of people

present, by monitoring the number of people that enter and exit, it ensures that the **area open to the public remains separate from the area that is restricted to personnel** thereby providing different security levels.





**Access to** classrooms / rooms,  
only for **authorised users**



**Vehicle access** to car parks  
guaranteed only for **enabled users**



**Can be interfaced** with monitoring  
and/or presence management systems



Easily **expandable** and **modifiable**

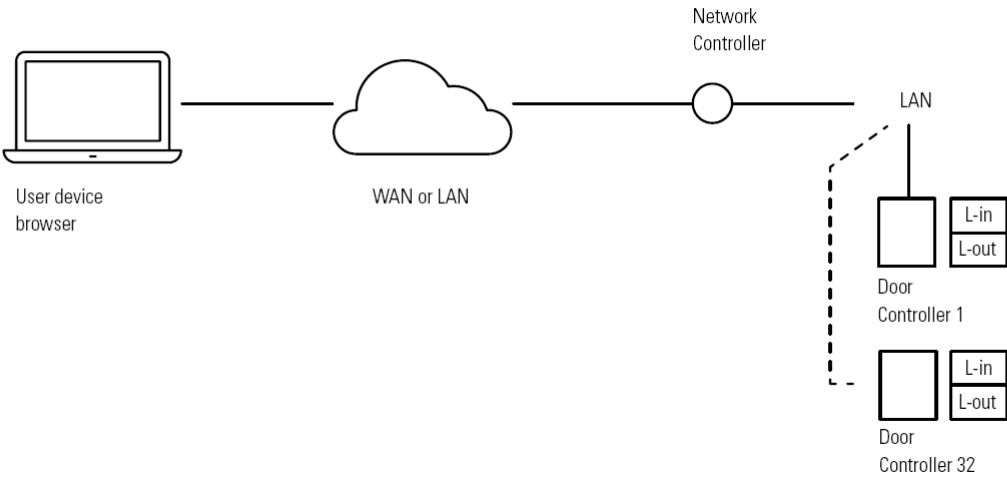


**Real time monitoring** of people present  
in the building/ headquarters

# SYSTEM ARCHITECTURE

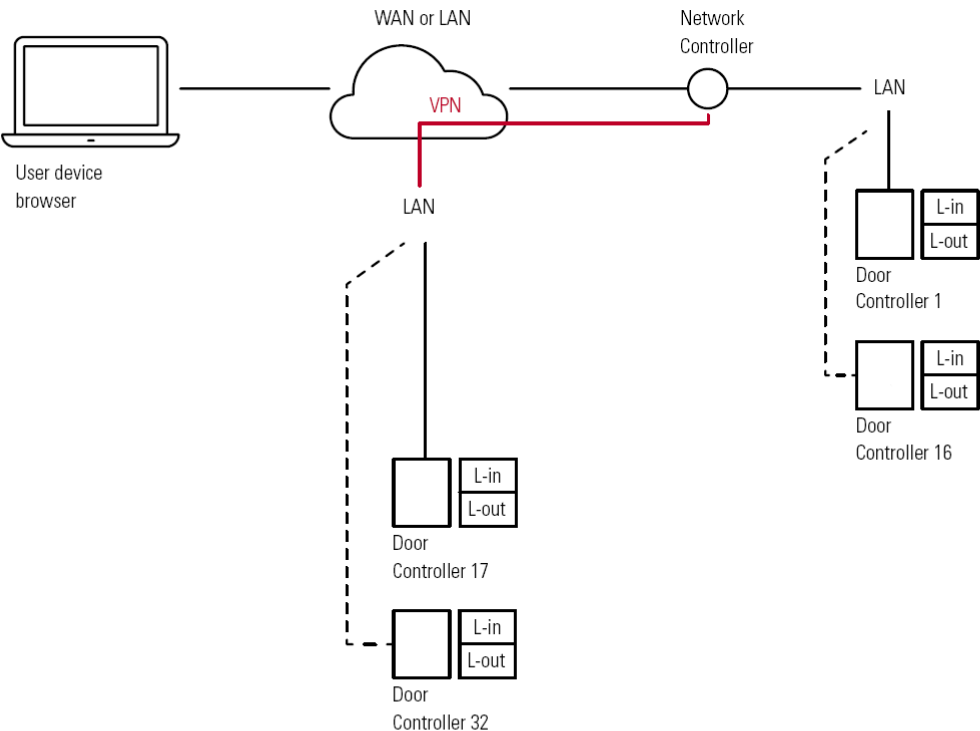
## INTEGRATED LOCAL SYSTEM

1 Network Controller  
Max 32 accesses  
Max 200,000 users



## INTEGRATED DISTRIBUTED SYSTEM

1 Network Controller  
Max 32 accesses  
Max 200,000 users

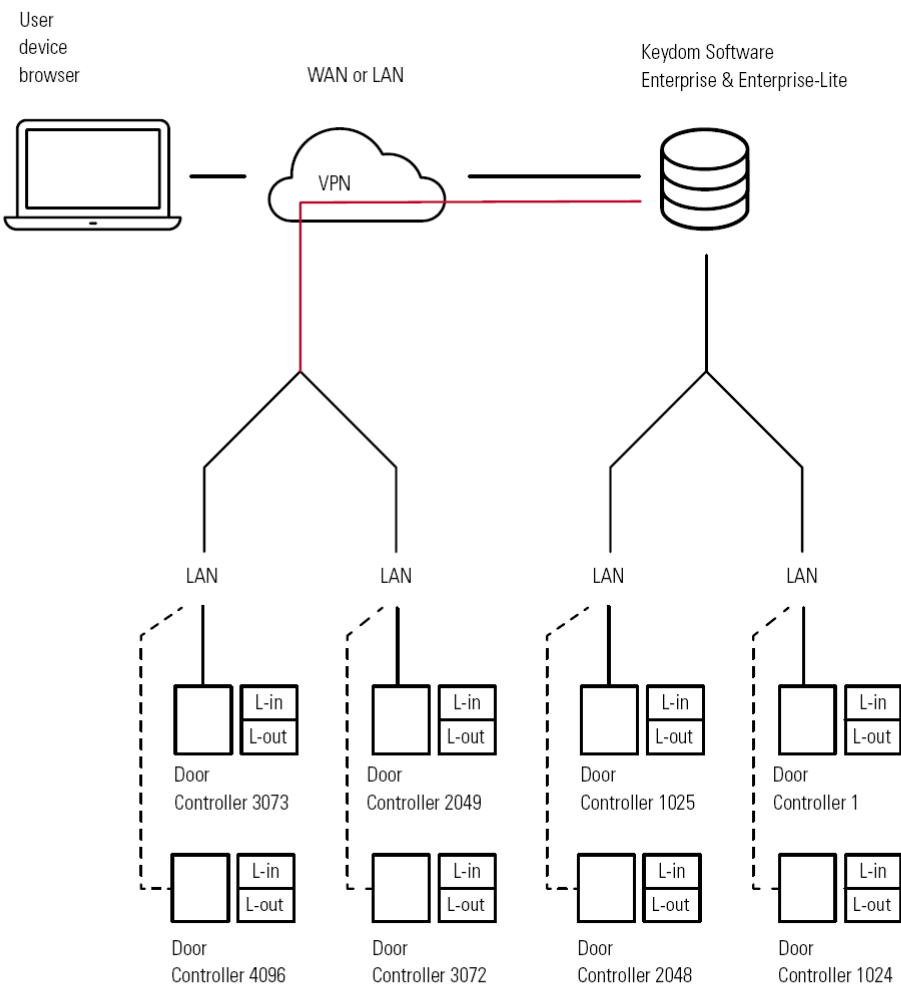


The extreme scalability of the system allows different architectures to be used according to your needs; if they change over time, the system will adapt to them, always making the initial investment worthwhile.

# KEYDOM IS FLEXIBLE

## ENTERPRISE SYSTEM & ENTERPRISE-LITE

Enterprise Lite Software: max 72 accesses  
Enterprise Software: max 4,096 accesses  
Max 500,000 users



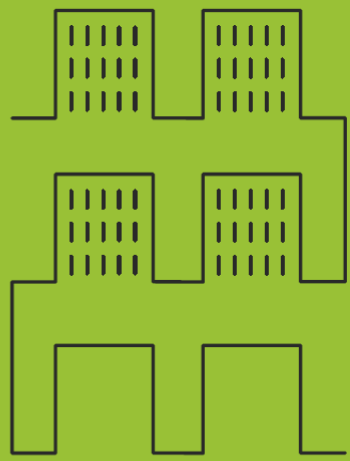
### 1 INTEGRATED LOCAL SYSTEM



### 2 INTEGRATED DISTRIBUTED SYSTEM



### 3 ENTERPRISE SYSTEM



# HARDWARE

Designed and manufactured entirely by FAAC using state-of-the-art technology.

The Core of the entire KEYDOM access control system lies in the powerful and compact System-On-Module (SOM) Network Controller unit. The “Door Controller” has been designed to make all input / output connections much easier by optimising wiring.

The Door Controller can manage readers with multiple communication protocols.



## Door Controller

Bidirectional access controller,  
manages 2 Readers (Entry / Exit)

- 2 relays 250vac 10A (NO and NC)
- 3 inputs (door status, exit button, 1 auxiliary)
- Expandable with optional board (4 inputs and 4 outputs)
- 1 bidirectional bus for 2 readers (also R/W technology).
- 2 Wiegand / magnetic stripe ports for commercial readers
- 2 RS232 ports for commercial readers (e.g. Barcode)
- 1 Ethernet port 10/100 Mb or 1 RS485 port
- Max 50,000 users (off-line)
- Max 8,000 events (off-line)
- Battery for RTC, cards and events
- Power supply - 11-15 Vdc
- Plastic case (accessory)
- Case dimensions: LxHxD 204x85x265
- Board dimensions: 132x110mm
- Operating temperature: -20 - +55°C



## Network Controller

Concentrates data, configurable via a Browser

- “System on Module” (SOM) based
- 1 Ethernet port 10/100 Mb
- 2 RS 485 ports
- Number of users = Max 200,000
- Power supply - 11-15 Vdc
- Plastic case (accessory)
- Case dimensions: LxHxD 204x85x265
- Board dimensions: 132x110mm
- Operating temperature: -20 - +55°C

**PREINSTALLED EMBEDDED SOFTWARE**

# SOFTWARE



## EMBEDDED SOFTWARE

The software is already installed and included in the Network Controller management system. Just switch it on and configure the required functions.



## ENTERPRISE SOFTWARE

Software for physical or virtual X64 server architectures. Same UI as the embedded version to ensure the same UX.



## WEB-BASED

The entirely web-based software structure means that just one, even mobile, device and a web browser are all you need to access and manage the KEYDOM system.



## USER-FRIENDLY

You do not need to be an expert to configure the system, simply follow the clear and full instructions on the system screens



## READY TO BE INTEGRATED

The KEYDOM system has been designed to be integrated with other systems and technologies to guarantee maximum security and performance

# PROX READER

## XTRR

- Buzzer
- 1 bi-colour led (red & green)
- 1 bidirectional bus (for connecting to the Door Controller)
- 125 kHz or 13.56 MHz (Mifare 14443 A, Ultralight, desfire, NFC)
- Metallic case
- IP 54



# PROX READER WITH KEYPAD

## XKPR

- 12-key metallic keypad with backlighting
- Buzzer
- 1 bi-colour led (red & green)
- 1 bidirectional bus (for connecting to the Door Controller)  
125 kHz or 13.56 MHz (Mifare 14443 A, Ultralight, desfire, NFC)
- Metallic case
- IP 54

# PROX READER WITH KEYPAD AND DISPLAY

## XKPRD

- 16-key plastic capacitive keypad with backlighting
- 3" Graphics display
- Buzzer
- 1 bidirectional bus (for connecting to the Door Controller)
- 125 kHz or 13.56 MHz (Mifare 14443 A, Ultralight, desfire, NFC)
- Plastic Case
- IP 54



**Info visitatore**  
Rossi Mario (FAAC s.p.a.)

**Info utente visitato**  
Verdi Giovanni

**Info profili**  
H24

**Data/ora inizio - Data/ora fine**  
11/09/2018 12:35 - 11/09/2018 23:59



## ... SCAN-V

### Barcode reader

- Stainless steel enclosure that can also be installed outdoors
- Precise image scanning with improved reading performance compared to linear scanners
- Digital imaging technology without moving parts, which ensures greater product reliability
- Excellent performance when reading 1D and 2D codes to improve throughput during data acquisition



READERPLATE-704MP



READERPLATE-504MP



# NUMBER PLATE READER

## Readerplate

- Integrated number plate recognition system for vehicle entrance management and traffic monitoring
- Operates in any light conditions

# LONG-RANGE VEHICLE READER

## AT4

- Directional lobe reader to monitor the entire detection zone
- Recommended for vehicle fleet management



**FAAC**



# LONG-RANGE VEHICLE READER

## AT4 868

- The UHF readers and tags use the latest UHF RFID technology, which means that vehicles can be identified up to a radius of 4m
- The passive UHF tags without battery, in the form of a self-adhesive label, are easy to install
- Ideal for vehicle access control



**AUTOMATIC  
BARRIERS**

# STOP, PASS, AND GO.

**TRAFFIC AND  
HIGH SECURITY  
BOLLARDS**





**AUTOMATIC  
DOORS**

# ALL THE FAAC SOLUTIONS.



**TURNSTILES**



Membro do Grupo **GU**

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