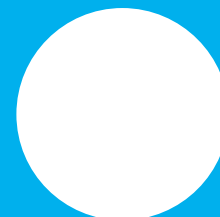
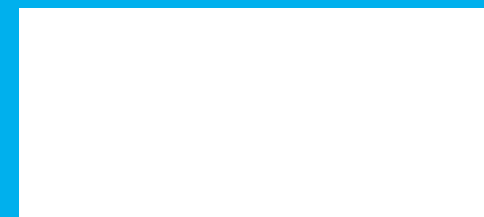
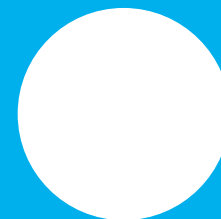
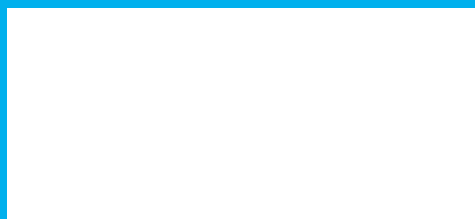
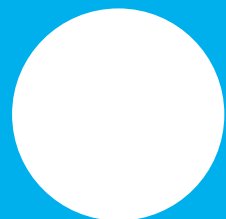


ACS01
HOW TO

WELCOME!



CAME.COM



ACS01

THE **ACS01** IS A MODERN **ACCESS CONTROL SYSTEM** THAT ALLOWS TO MANAGE AND REGULATE PEDESTRIAN AND ALSO VEHICLES TRANSITS.

IT HAS **WEB-BASED** SOFTWARE, **CLOUD** INFRASTRUCTURE (OPTIONAL) AND RELATED **ACCESSORIES/EXPANSIONS** TO COMPLETE THE SYSTEMS ACCORDING TO CUSTOMER REQUIREMENTS.



ACS01: INTRODUCTION



- TO **ENABLE ACCESS** FOR RESIDENTS, EMPLOYEES, VISITORS OR CUSTOMERS.
- TO **MANAGE AUTOMATIONS**, ACCESS GATES AND ELECTRONICALLY CONTROLLABLE DEVICES.
- TO **PROTECT DIFFERENT AREAS** FROM UNAUTHORIZED ACCESS.
- TO **TRACK USERS** OR TO COUNT AND REGULATE ACCESS.
- TO **PROFILE INDIVIDUAL USERS, GROUPS AND AUTHORIZED ZONES.**

ACS01: INTRODUCTION



1

EASY PROGRAMMATION VIA WEB PAGE

2

MANAGEMENT OF ALL AUTOMATIONS

3

USER/GROUPS MANAGEMENT

4

EASY MAINTENANCE

5

DIFFERENT TYPE OF CONNECTION

ACS01: MODELS



ETHERNET

THE CONTROL BOARD IS FITTED WITH AN ETHERNET PORT FOR LOCAL AND REMOTE CONNECTION VIA CABLE, THE IDEAL SOLUTION IN CASE OF **ALREADY WIRED CONTEXTS** WITH SHORT DISTANCES.



WI-FI

THE CONTROL BOARD IS FITTED WITH AN ETHERNET PORT FOR LOCAL AND REMOTE CONNECTION VIA CABLE, THE IDEAL SOLUTION IN CASE OF **ALREADY WIRED CONTEXTS** WITH SHORT DISTANCES.



4G DATA

IF THERE IS NO WIRED OR WIRELESS INTERNET NETWORK, 4G TECHNOLOGY GUARANTEES A RELIABLE CONNECTION EVEN FOR **DEVICES INSTALLED IN ISOLATED CONTEXTS**.

ACS01: MODELS

MODULAR ARCHITECTURE: UP TO 50 MODULES FOR SITE

MODULES ARE AUTOMATICALLY RECOGNIZED IN THE NETWORK AND ALL DATA ARE SHARED BETWEEN THE DIFFERENT MODULES



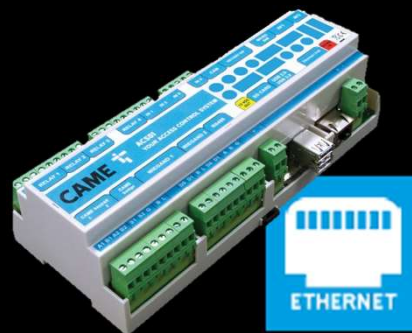
ACS01: LOCAL CONTROL

IN ACS01 ALL SENSITIVE DATA, PROFILES AND SETTINGS ARE PHYSICALLY LOCATED IN THE DEVICE.

THIS ALLOWS COMPLIANCE WITH GDPR PRINCIPLES AND ALLOWS THE ENTIRE SYSTEM TO BE MANAGED LOCALLY.

THE SYSTEM CAN WORK PERFECTLY IN OFF-LINE MODE, THROUGH DIRECT CONNECTION VIA CABLE OR WI-FI TO ANY OF THE ACS01 CONTROL UNITS MAKING UP THE SYSTEM.

AN INTEGRATED CLOCK ENSURES SYNCHRONIZATION IN THE EVENT OF A POWER FAILURE, WHILE INFORMATION IS AUTOMATICALLY UPDATED AS SOON AS THE NETWORK CONNECTION IS AVAILABLE AGAIN.



ACS01: WEB APP

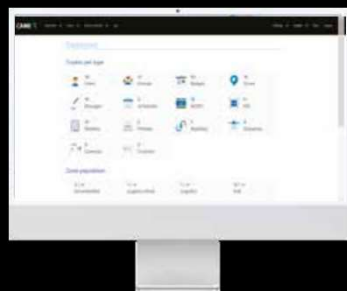
THE ACCESS CONTROL IS MANAGED BY AN ONLINE PLATFORM AND THEREFORE **DOES NOT REQUIRE THE INSTALLATION OF SOFTWARE ON A PC.**

THIS MEANS THAT ACS01 CAN BE MANAGED FROM ANY PC OR SMARTPHONE, **EVEN REMOTELY VIA AN INTERNET CONNECTION.**

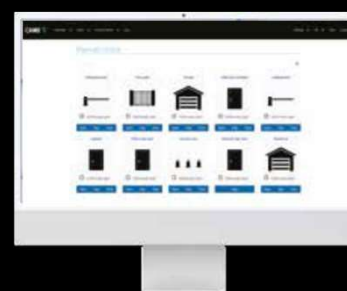
THE GUIDED CONFIGURATION AND THE USER-FRIENDLY INTERFACE MAKE THIS **SYSTEM EASY TO USE FOR ANYONE** WITHOUT THE NEED FOR SPECIALIZED PERSONNEL.



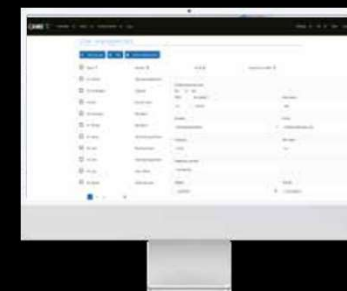
MULTI-SITE MANAGEMENT



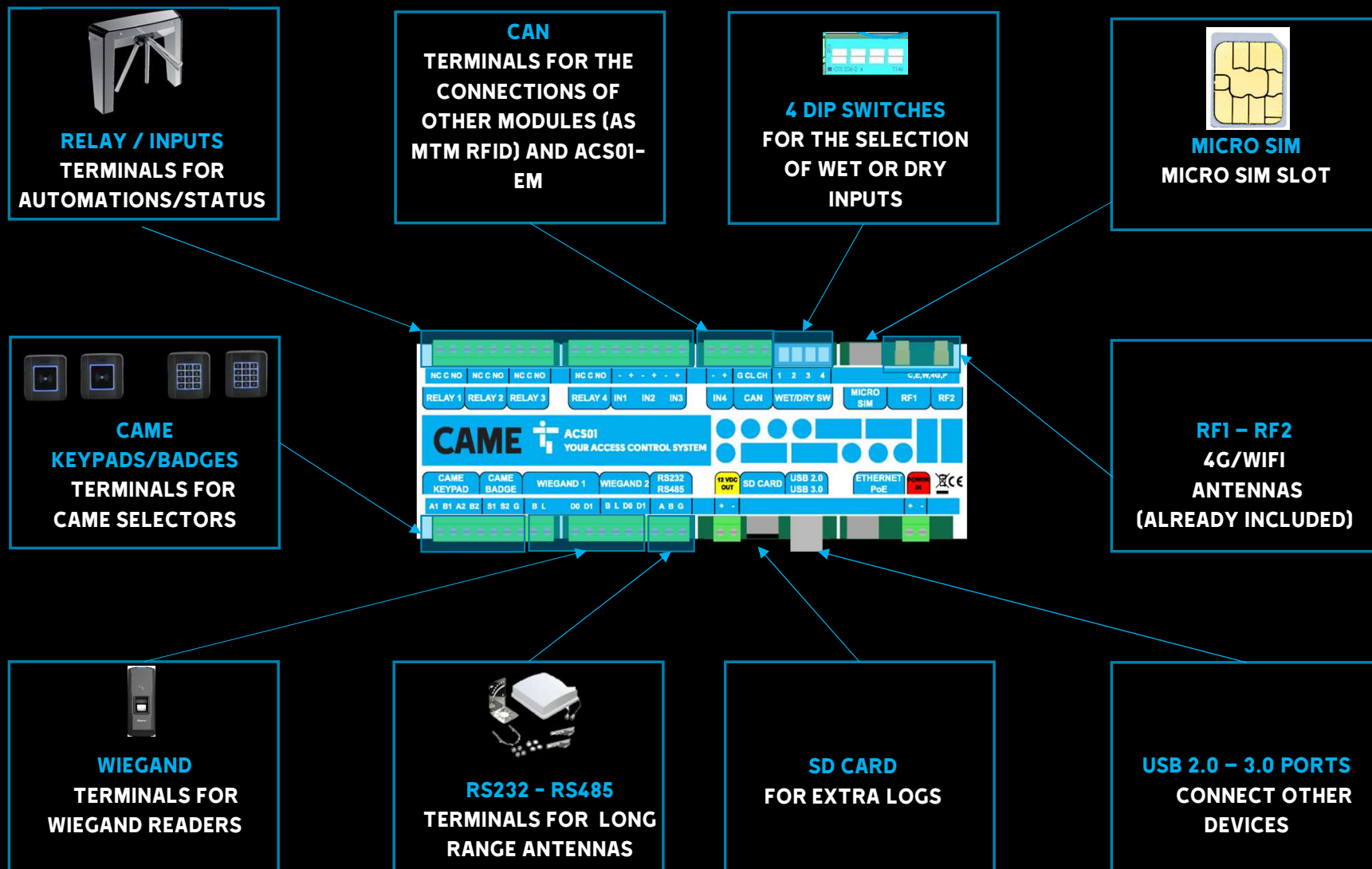
INTUITIVE CONTROL PANEL



MANUAL MANAGEMENT



USER MANAGEMENT



ACS01: **MANAGEMENT OF AUTOMATIONS** **(PASSAGES)**



A SINGLE PLATFORM FOR CONTROLLING ALL VEHICLE AND PEDESTRIAN GATES INCREASES SECURITY LEVELS AND CONSIDERABLY REDUCES COMPLEXITY AND MANAGEMENT COSTS.

ACS01 IS THE IDEAL ACCESS MANAGEMENT SOLUTION FOR BOTH INDIVIDUAL GATES AND COMPLEX STRUCTURES WITH MULTIPLE TYPES OF CONNECTED AUTOMATION.

FURTHERMORE, ACS01 CAN MANAGE ANY DEVICE THAT CAN BE ELECTRONICALLY CONTROLLED BY DRY CONTACTS, SUCH AS ELECTRIC LOCKS OR LIGHTS.

ACS01:

USERS MANAGEMENT



REGULAR USERS

Have access to all areas assigned to them at all times.

- *Employees of a company*
- *Employees of an office*
- *Residents of a building complex*



AUTHORIZED USERS

Have specific permissions to access some areas and not others, at certain times and not others.

- *Users of a sports center*
- *Temporary employees*
- *Employees of a specific department*



RESTRICTED USERS

They have limited permissions in terms of time or space to access some areas and not others, or at certain times and not others.

- *Cleaners*
- *Gardeners*
- *Maintainers*

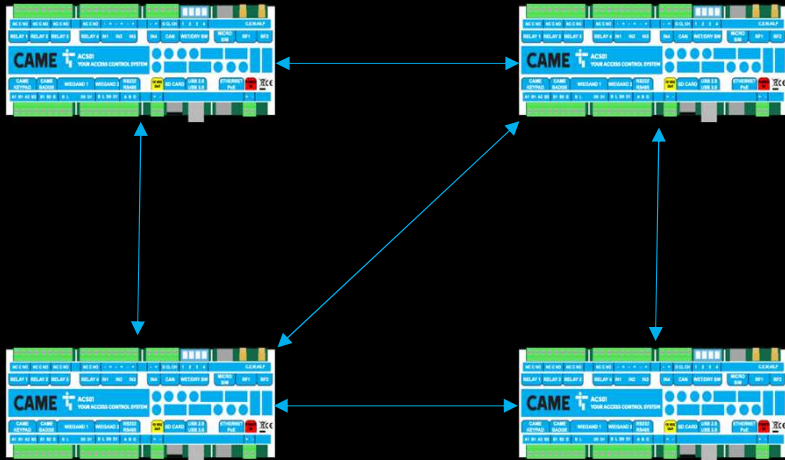


USER GROUPS

These are users who share the same authorizations. With group management it is not necessary to intervene on the permissions of each individual user.

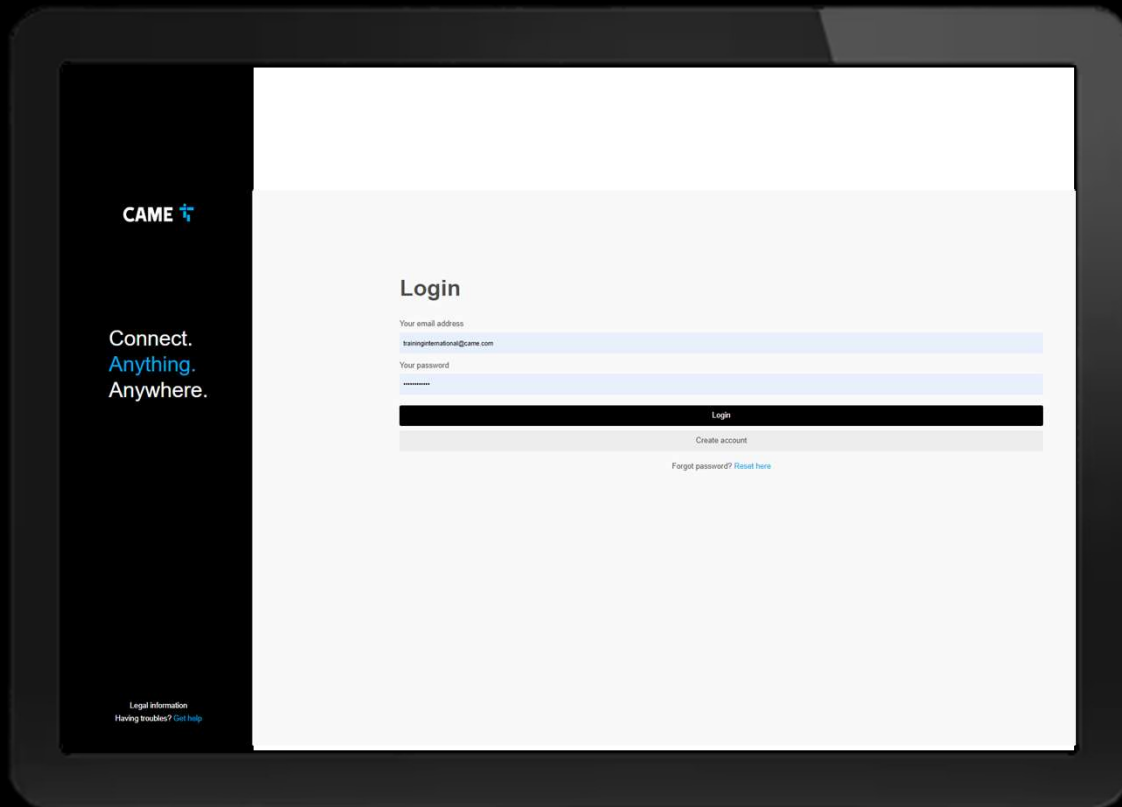
- *Employees on the same shift*
- *Employees on the same floor in an office complex*
- *Visitors from the same department*

ACS01: MAINTENANCE



- THE **REMOTE MANAGEMENT** OF THE SYSTEM ALLOWS **REALTIME SELF-DIAGNOSIS** AND IMMEDIATE INTERVENTION IF NECESSARY.
- EACH CONTROLLER USES **REDUNDANT TECHNOLOGY WITH AUTOMATIC BACKUPS**, ENSURING MAXIMUM EFFICIENCY IN ANY SITUATION.
- IF A **FAULT OCCURS IN ONE OF THE ACS01 CONTROL UNITS**, **ALL THE OTHER CONNECTED CONTROL UNITS RETAIN THE INFORMATION** REQUIRED FOR CORRECT OPERATION OF THE SYSTEM.
- SHOULD IT BE NECESSARY TO **REPLACE AN ACS01 MODULE**, THE **AUTOMATIC RECONFIGURATION SYSTEM** ALLOWS ALL DATA TO BE IMPORTED FROM THE OTHER CONTROL UNITS.

ACS01: ACCOUNT



The screenshot shows the CAME ACS01 login interface. On the left, a dark sidebar contains the CAME logo and the tagline "Connect. Anything. Anywhere." Below this, there are links for "Legal information" and "Having troubles? Get help". The main content area is white and features a "Login" section with two input fields: "Your email address" (containing "traininginternational@came.com") and "Your password" (masked with dots). Below the password field is a "Login" button. Underneath the button are links for "Create account" and "Forgot password? Reset here".

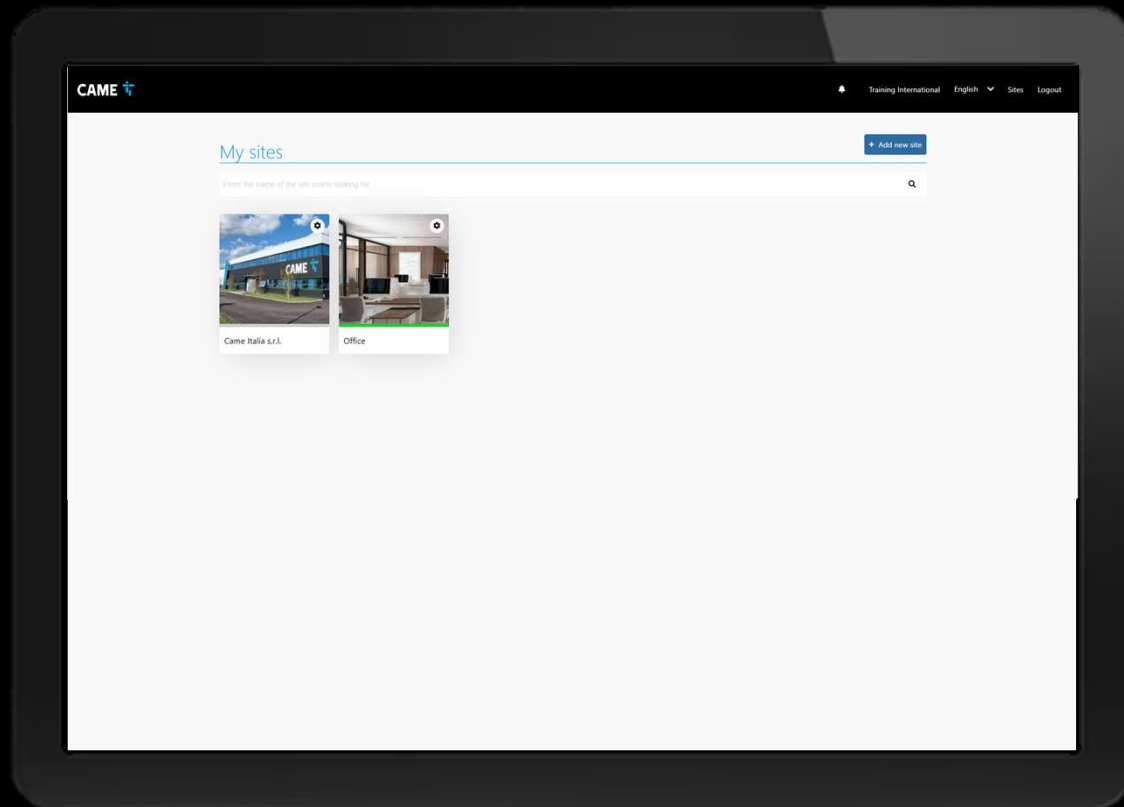


TECHNICIAN



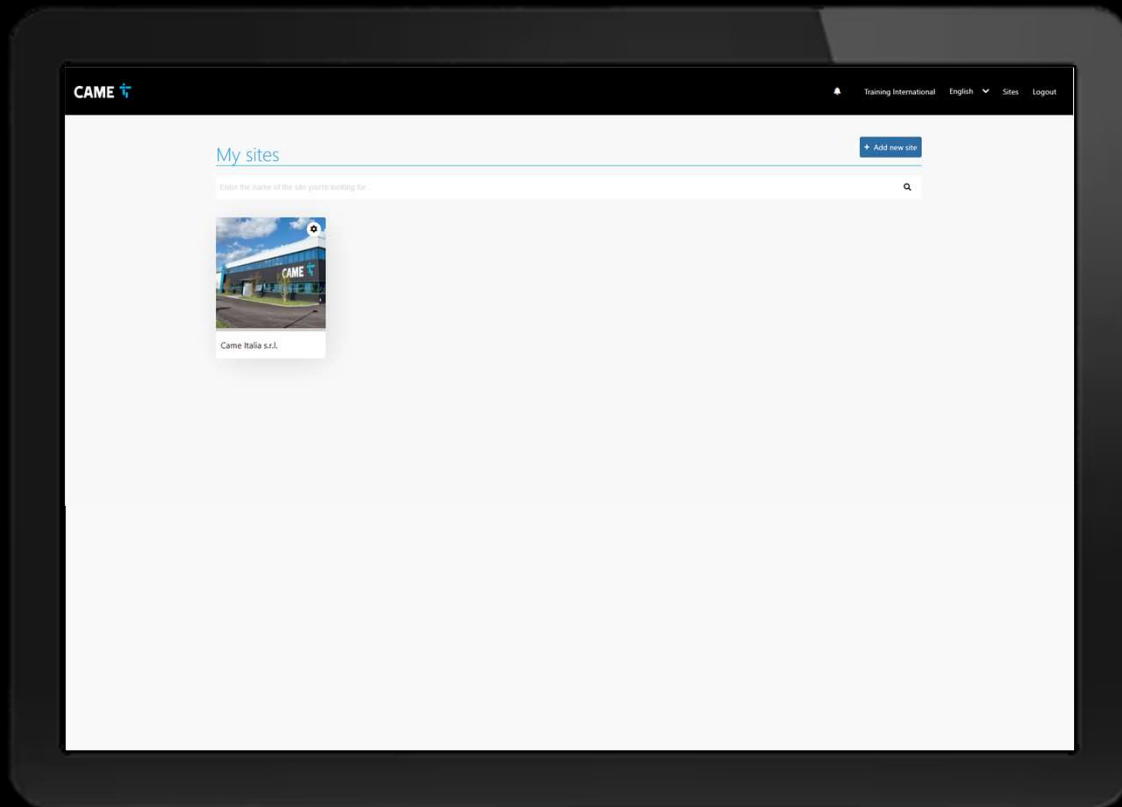
ADMINISTRATOR

ACS01: ACCOUNT



TECHNICIAN

ACS01: ACCOUNT

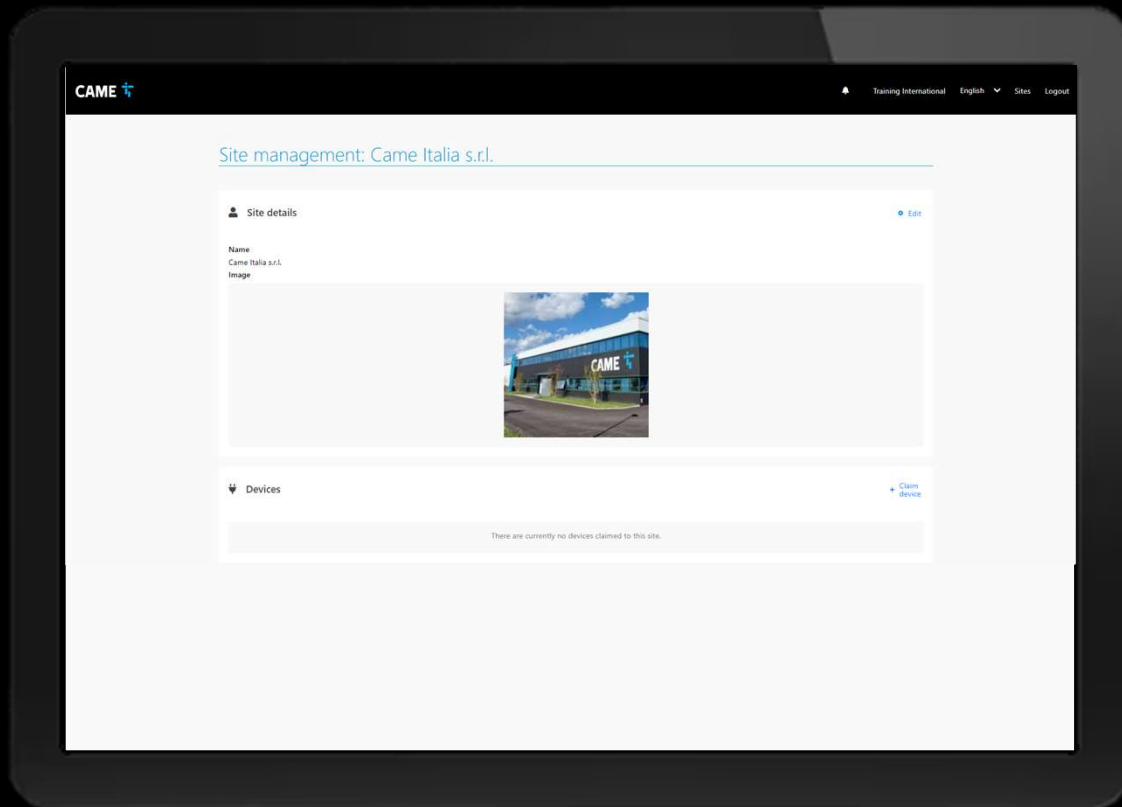


THIS IS THE "SITE" MANAGEMENT PAGE

ONE ACCOUNT CAN MANAGE MORE SITES

LET'S SEE HOW MANAGE OUR PLANT

ACS01: ACCOUNT

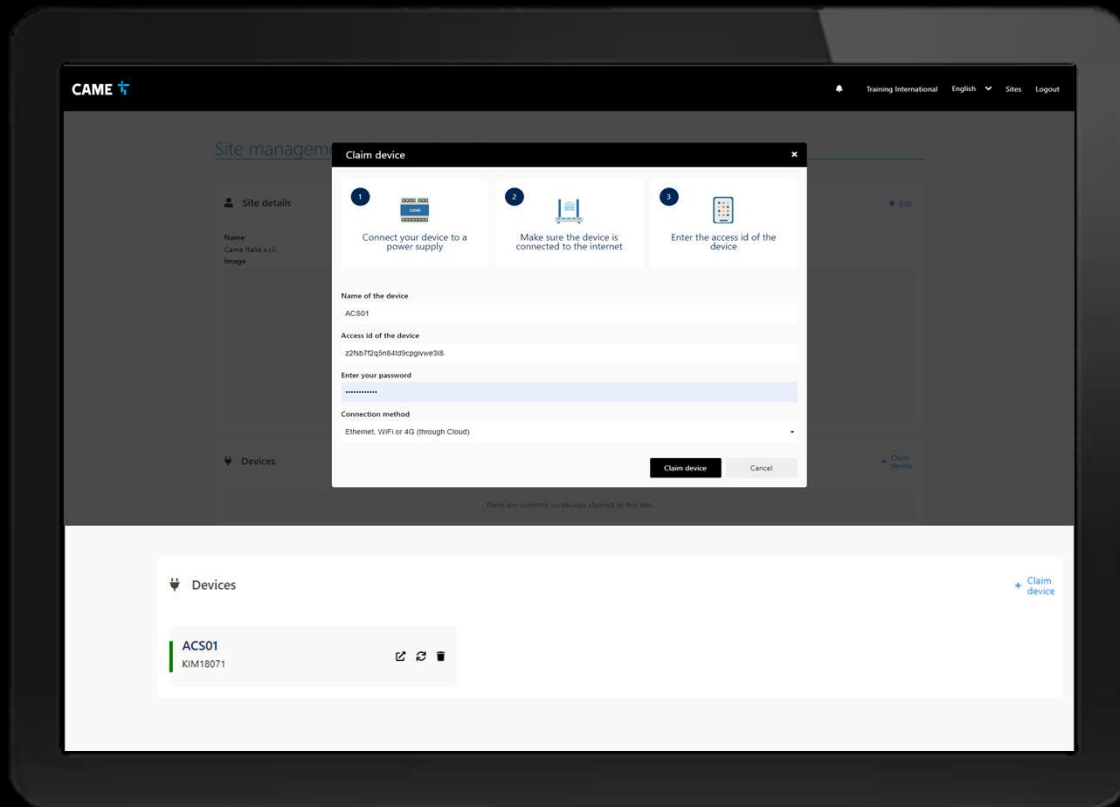


HERE YOU CAN EDIT YOU PLANT INFO

- NAME
- IMAGE
- **DEVICES**
- NOTIFICATION

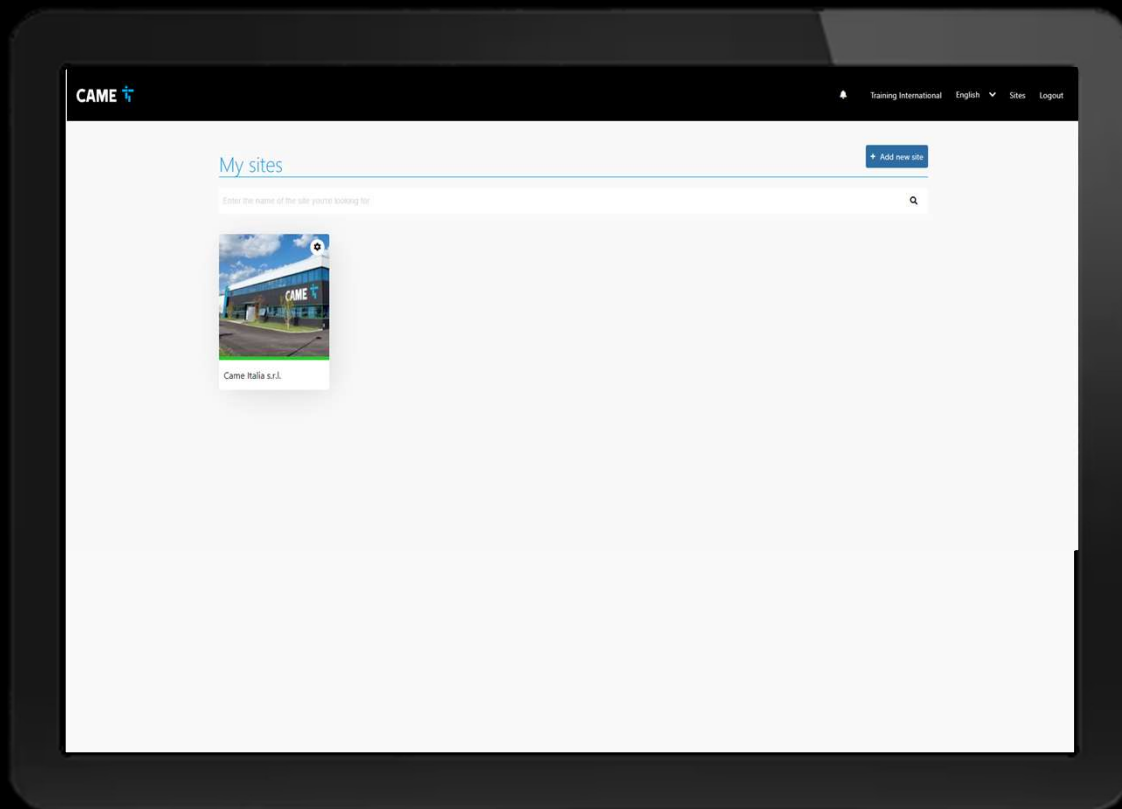
LET'S SEE HOW TO ADD AN **ACS01** MODULE

ACS01: ACCOUNT



KEYCODE ON ACS01

ACS01: ACCOUNT



THE MODULE AND THE PLANT NOW ARE ONLINE

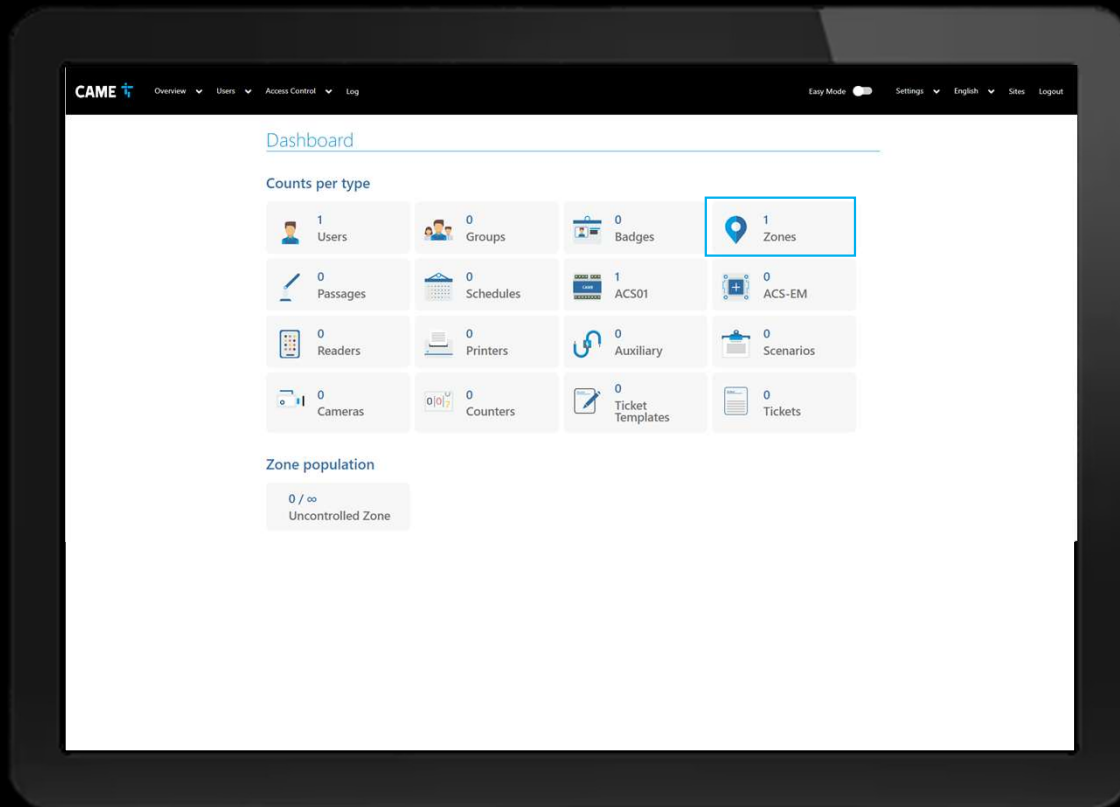
THE STATUS CAN BE:

GREY: NO MODULES INSTALLED

RED: PLANT OFFLINE

GREEN: PLANT ONLINE

ACS01: DASHBOARD

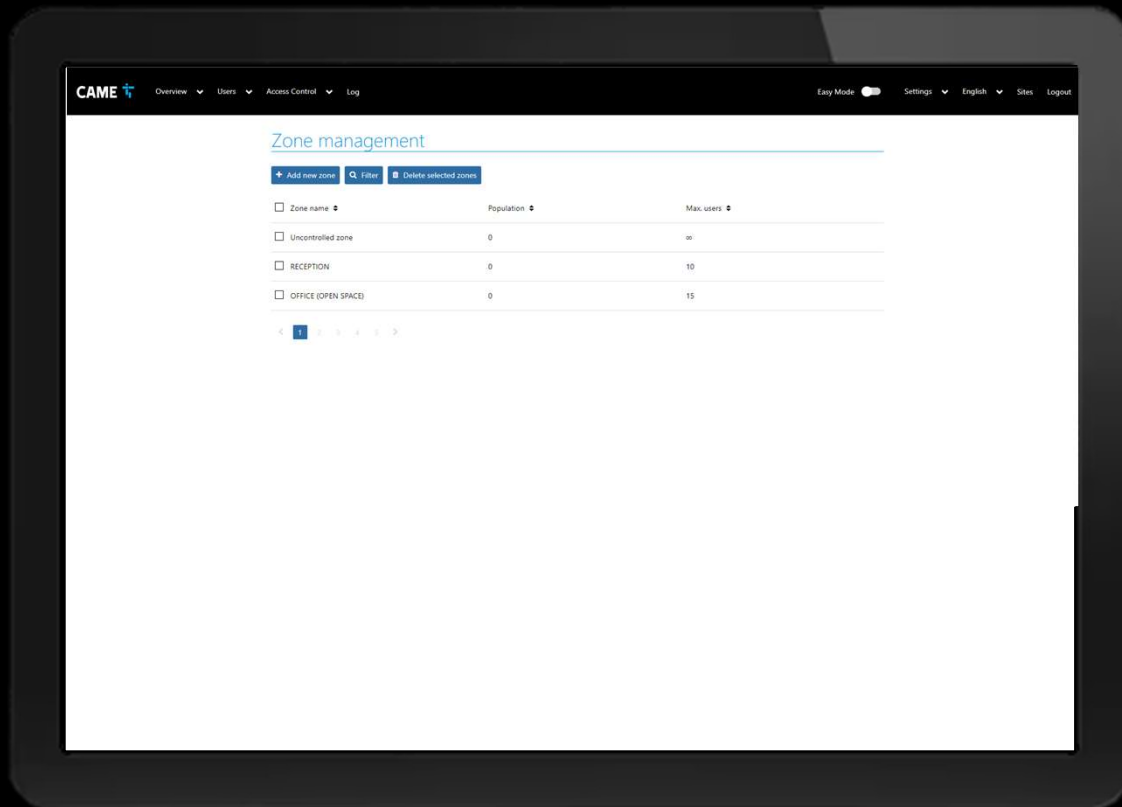


THIS IS THE **DASHBOARD**, WHERE YOU WILL BE ABLE TO MANAGE EVERY SINGLE FUNCTION

- **USERS AND GROUPS**
- **ZONES AND PASSAGES**
- **ACS01 AND ACS01-EM**
- **BADGES AND READERS**
- **SCENARIO AND TIME ZONES**

LET'S START BY CREATING OUR **ZONES**

ACS01: ZONES



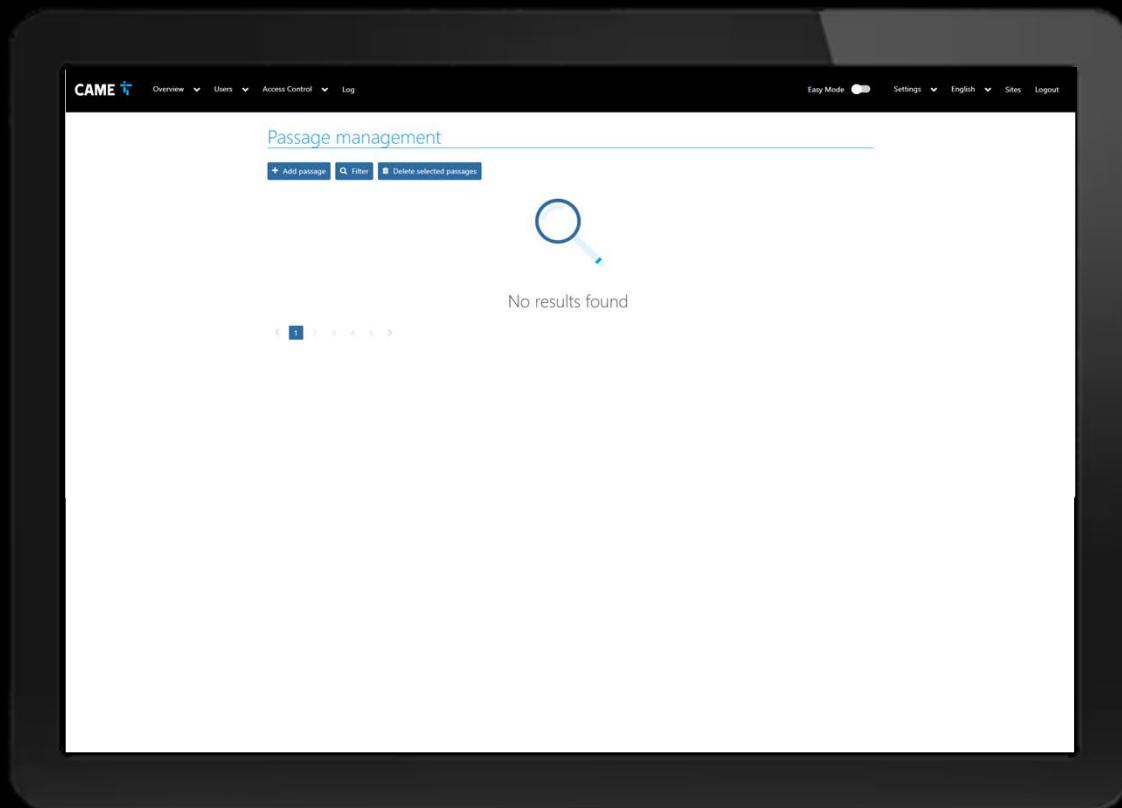
THE **ZONES** ARE THE AREAS THAT I WANT TO PROTECT AND MANAGE.

THERE IS ALWAYS A STANDARD ZONE CALLED "**OUTSIDE**"

IN OUR CASE WE WILL HAVE **3** ZONES:

- OUTSIDE
- RECEPTION
- OFFICE

ACS01: PASSAGES



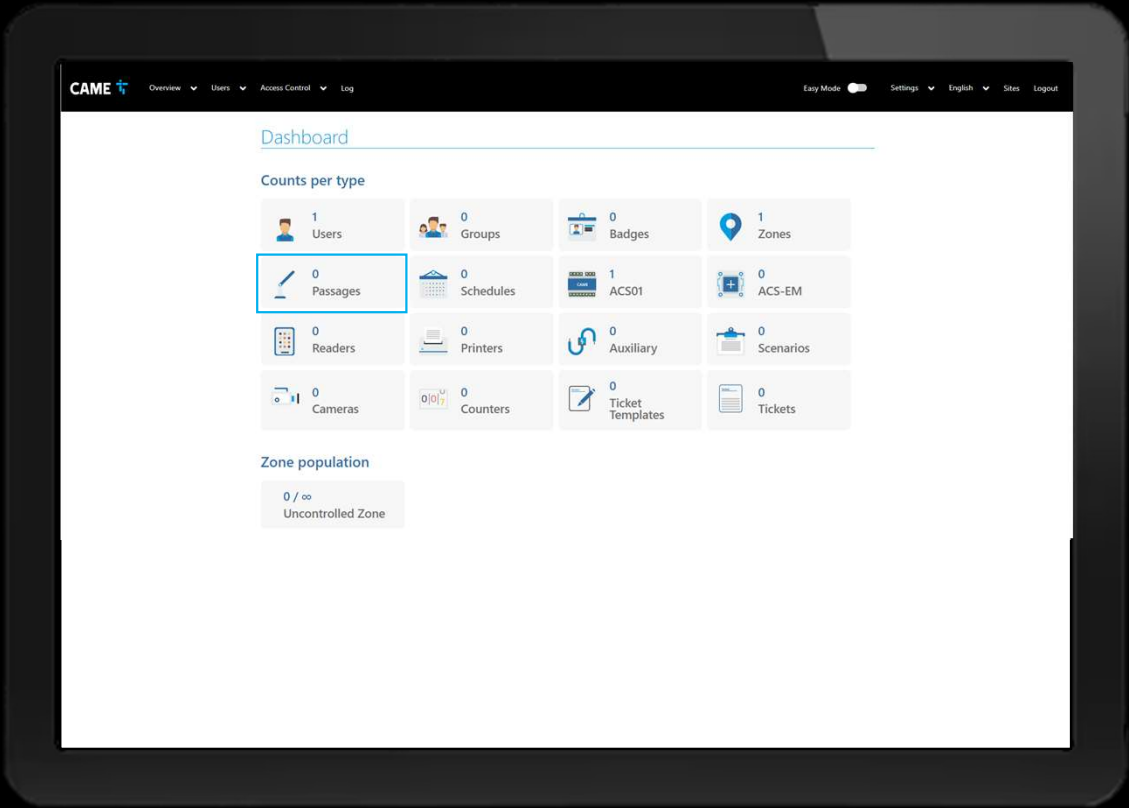
THE **PASSAGES** ARE THE AUTOMATIONS THAT PREVENTS THE ACCESS TO THE ZONES

IN OUR CASE WE WILL HAVE **2** PASSAGES:

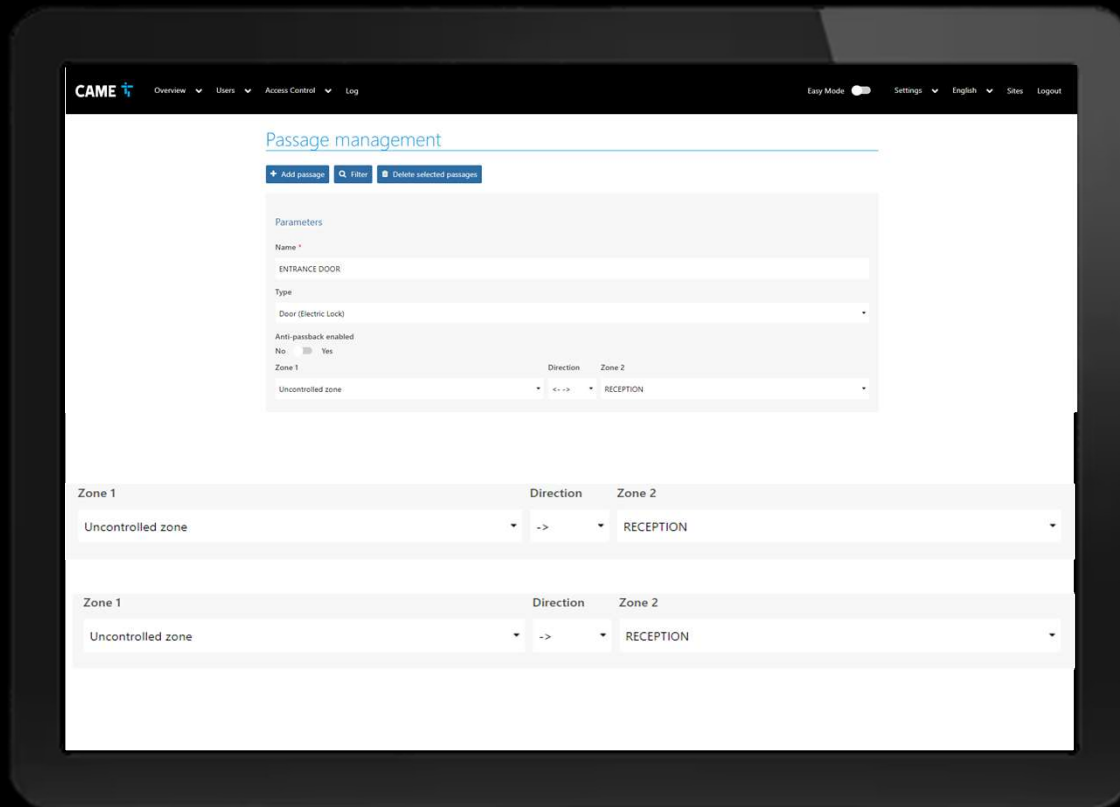
MAIN ENTRANCE: AUTOMATIC DOOR

OFFICE DOOR: AUTOMATIC DOOR

ACS01:
DASHBOARD



ACS01: PASSAGES



THE PASSAGE CAN BE SET **UNI DIRECTIONAL**:

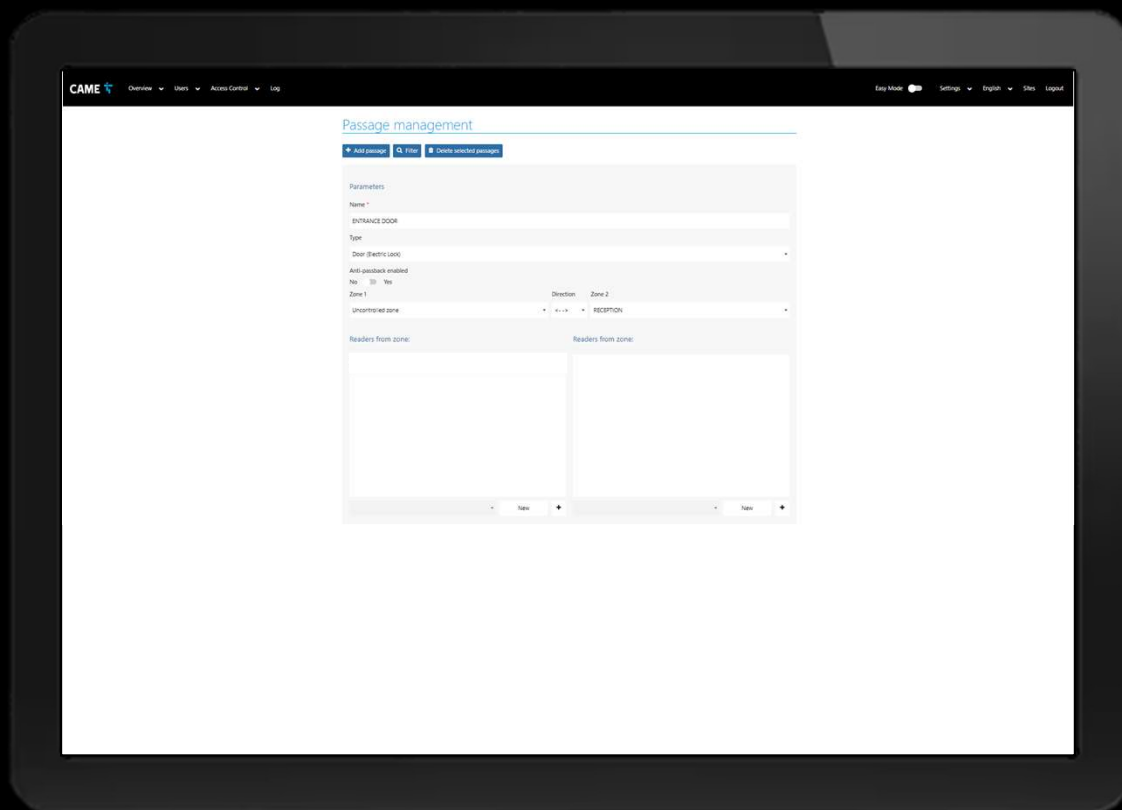
1. **OUTSIDE** → **AUTOMATIC DOOR** → **RECEPTION**

2. **OUTSIDE** ← **AUTOMATIC DOOR** ← **RECEPTION**

OR **BI DIRECTIONAL**

OUTSIDE ← → **AUTOMATIC DOOR** ← → **RECEPTION**

ACS01: READERS



TO VERIFY AND TRACK USERS' ACCESS PERMITS TO THE PASSAGES, WE WILL NEED A **READER**.

IN OUR EXAMPLE WE HAVE TWO TRANSPONDER:

1. TO PERMIT THE ENTRANCE FROM THE ZONE "**OUTSIDE**" TO THE ZONE "**RECEPTION**"
2. TO PERMIT THE EXIT FROM "**RECEPTION**" TO THE ZONE "**OUTSIDE**"

ACS01: READERS

Add reader

Name *	Module	
ENTRANCE READER	ACS01	
Type	Connection	Port
Came SELR1NDG/SELR2NDG	CAME badge	1
Zone	Baudrate	
Uncontrolled zone	9600	
Passage	Address	
	Address	

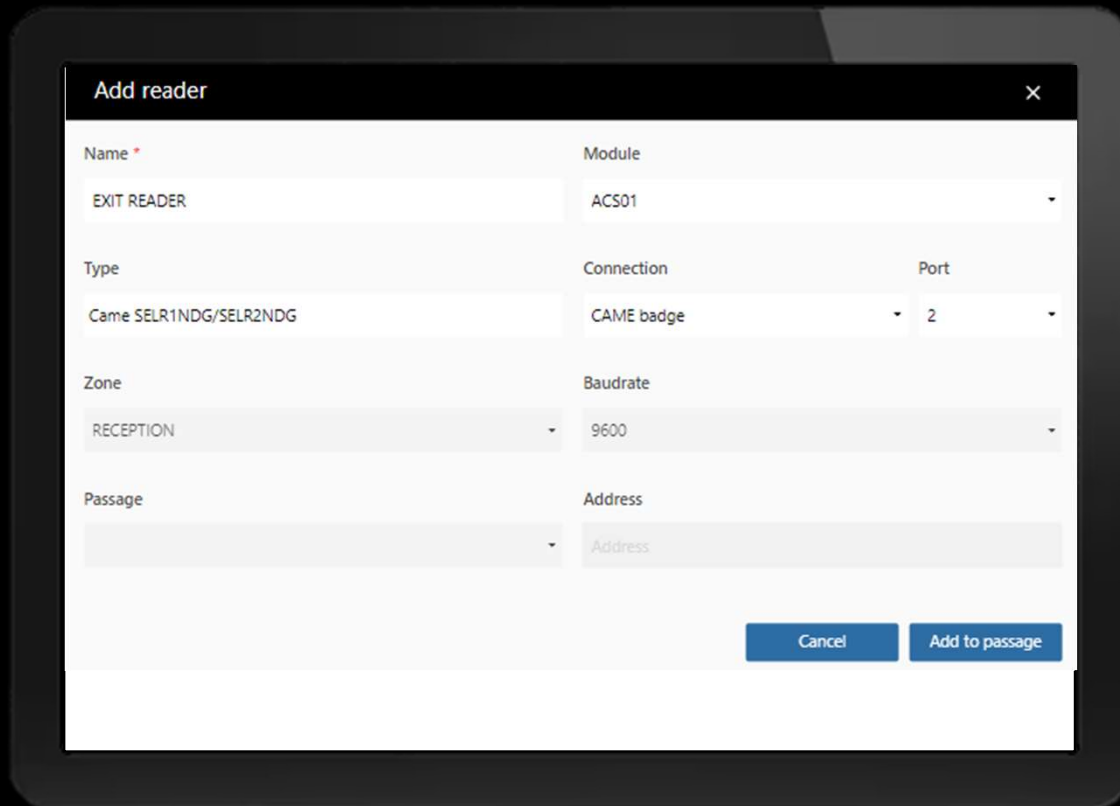
Cancel Add to passage

TO VERIFY USERS' ACCESS PERMITS TO THE PASSAGES, WE WILL NEED A **READER**.

THE TECNICIAN CAN CHOOSE DIFFERENT TYPE OF READERS:

- KEYPAD
- TRASNPONDER
- WIEGAND
- MTM RFID/KB

ACS01: READERS



The screenshot shows a 'Add reader' dialog box with the following fields and values:

Add reader		
Name *	Module	
EXIT READER	ACS01	
Type	Connection	Port
Came SELR1NDG/SELR2NDG	CAME badge	2
Zone	Baudrate	
RECEPTION	9600	
Passage	Address	
	Address	

Buttons: Cancel, Add to passage

TO VERIFY USERS' ACCESS PERMITS TO THE PASSAGES, WE WILL NEED A **READER**.

THE TECNICIAN CAN CHOOSE DIFFERENT TYPE OF READERS:

- KEYPAD
- TRASNPONDER
- WIEGAND
- MTM RFID/KB

ACS01: OUTPUTS

Inputs

Show passage as opened

ACS01

Input

--

Show passage as closed

ACS01

Input

--

Show obstacle at passage

ACS01

Input

--

Outputs

Type connection

Open / Stop / Close

Open

ACS01

Pulse time (s)

0,5

Relays

1

Stop

ACS01

Pulse time (s)

0,5

Relays

--

Close

ACS01

Pulse time (s)

0,5

Relays

2

Save Close

EVERY MODULE OF ACS01 HAS:

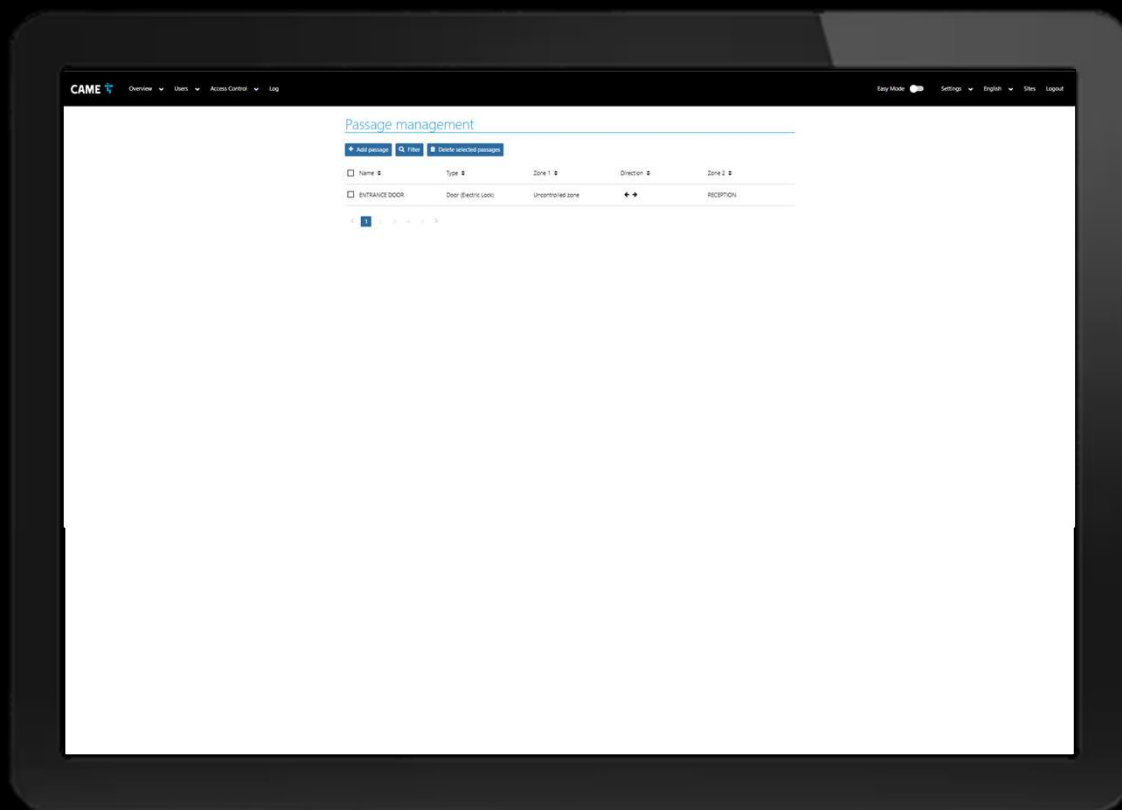
- **4 INPUTS**
- **4 OUTPUT**

**THEY CAN BE MANAGED AND SETTED FROM THIS
WEBPAGE**

THE OUTPUT CAN BE SET AD:

- 1. OPEN/STOP/CLOSE (USING 1 OUTPUT FOR EACH
COMMAND)**
- 2. PULSE (FROM 0 TO 180 SEC)**

ACS01: OUTPUTS



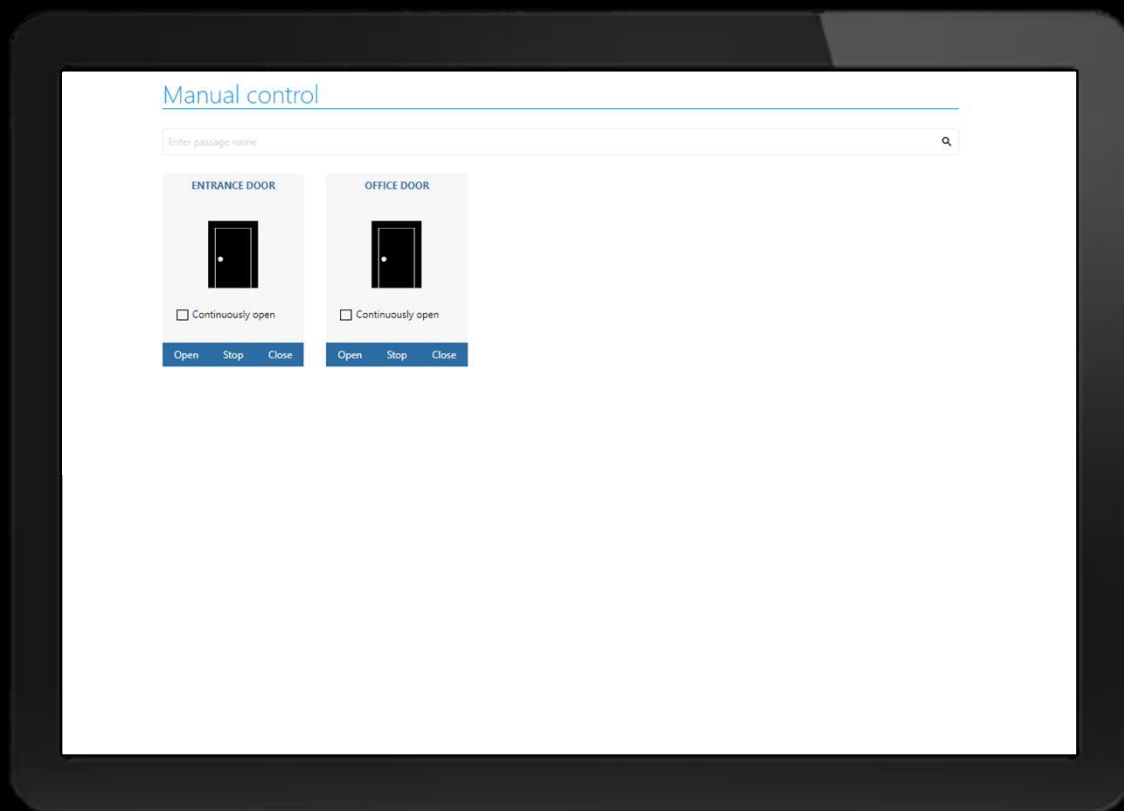
IN THE END THE **PASSAGE** WILL BE ADDED TO THE WEBPAGE, GIVING ME THE POSSIBILITY FROM THE "**CONTROL**" WEBPAGE TO COMMAND THE DOOR.

NOW LET'S CREATE THE OTHER **PASSAGE**.

RECEPTION ↔ **OFFICE DOOR** ↔ **OFFICE**

FOR THIS PASSAGE WE WILL USE THE **KEYPAD** READER

ACS01: CONTROL



**ENTRANCE
(OUTSIDE)**



**MAIN ENTRANCE
(PASSAGE)**



**EXIT
(RECEPTION)**



**ENTRANCE
(RECEPTION)**

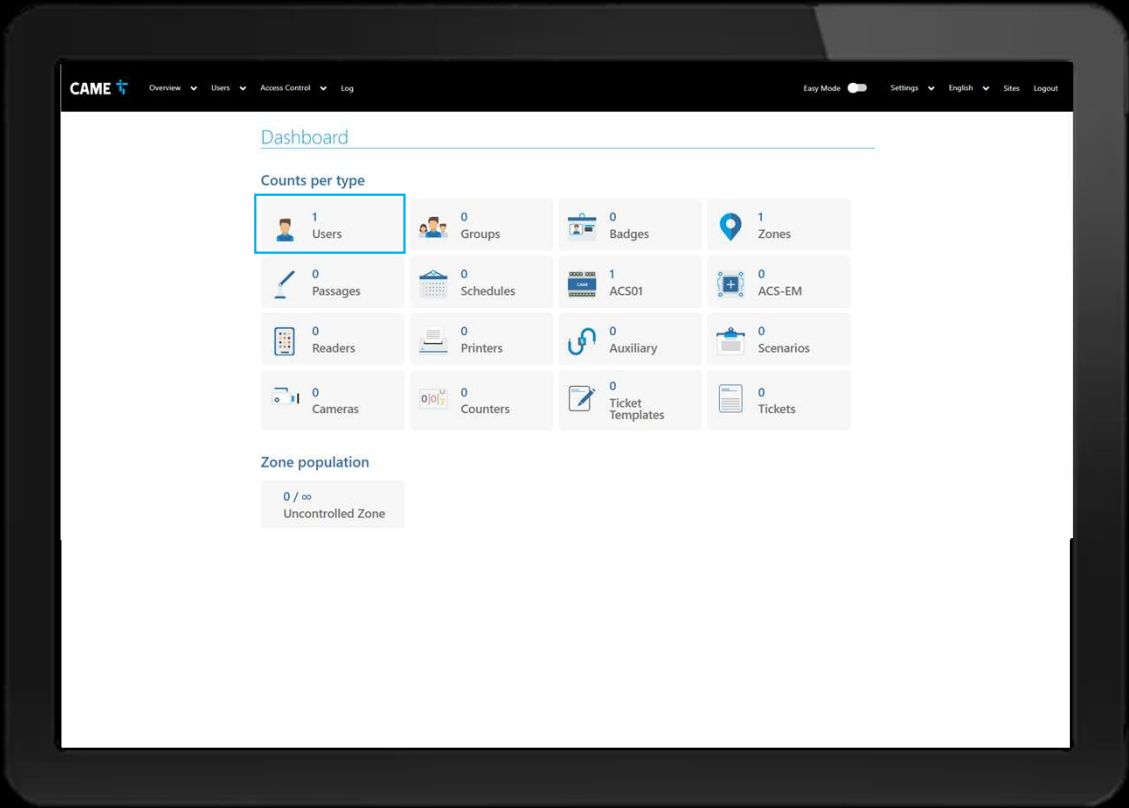


**OFFICE DOOR
(PASSAGE)**

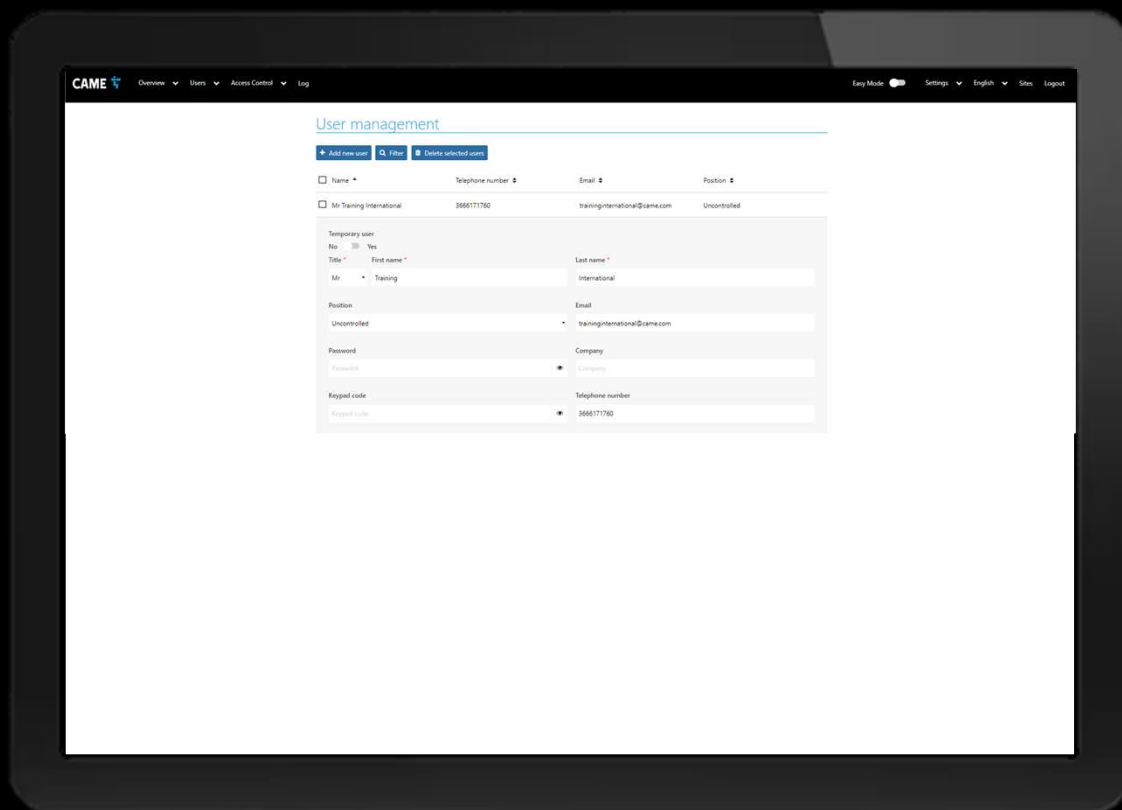


**EXIT
(OFFICE)**

ACS01:
DASHBOARD



ACS01: USERS MANAGMENT



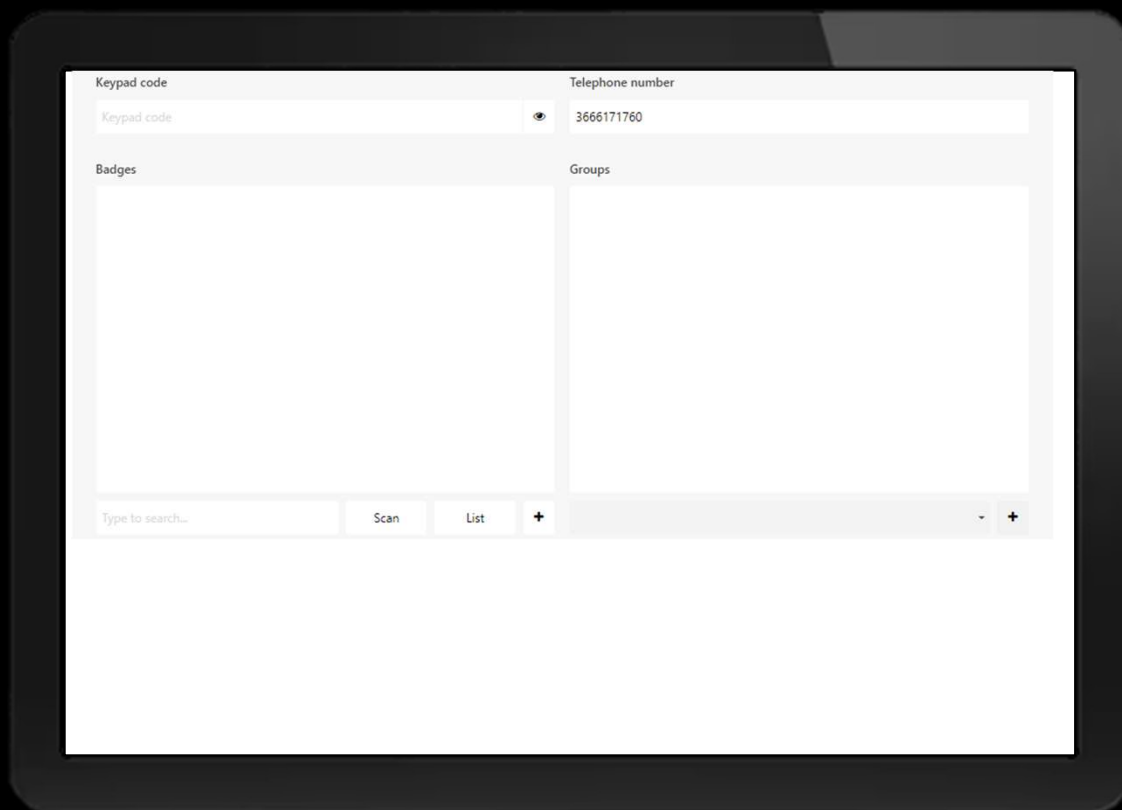
WITH **ACS01** I CAN MANAGE THE USERS PROFILE AND ACCESS MODE.

THERE IS ALSO THE POSSIBILITY TO SELECT A "**TEMPORARY USER**"

LET'S SEE HOW TO MANAGE THE BADGES/KEYPAD CODES



ACS01: USERS MANAGMENT



EACH USER CAN HAVE DIFFERENT MODES OF ACCESS

KEYPAD CODE

IF IN THE PLANT, WE ARE USING KEYPADS

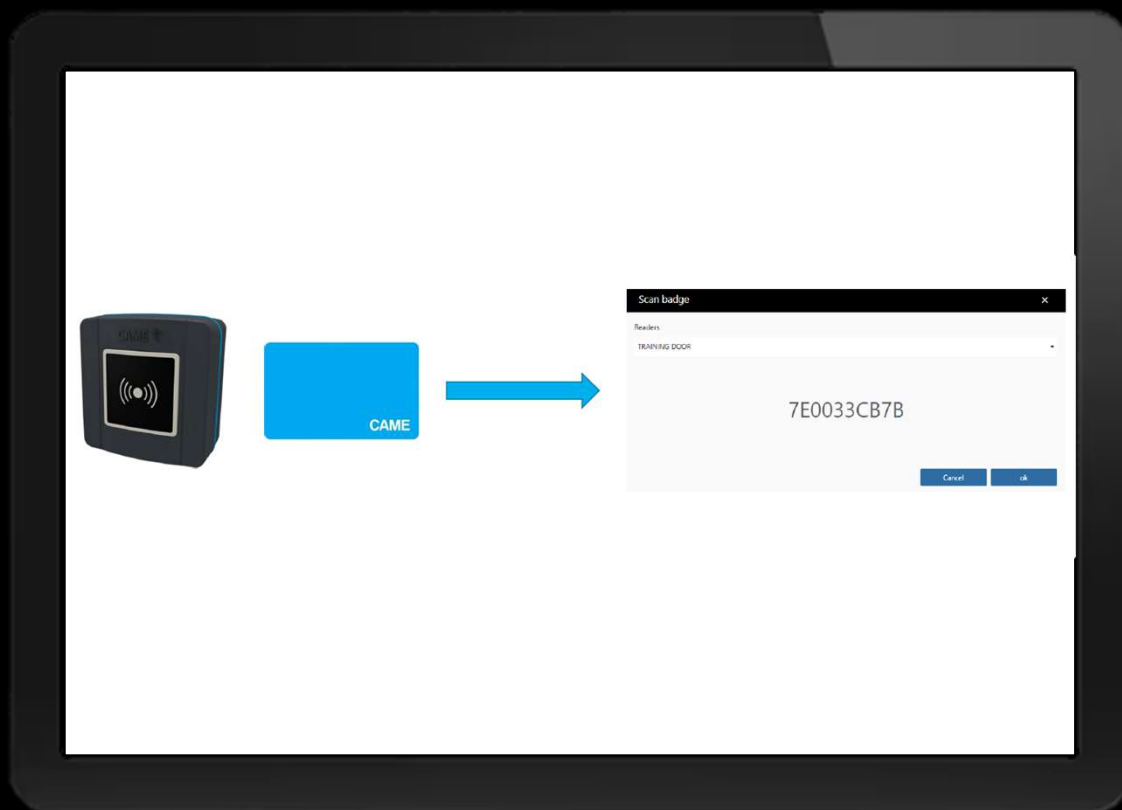
(IN OUR EXAMPLE FOR USING THE OFFICE DOOR)

BADGES

IF IN THE PLANT, WE ARE USING TRANSPONDERS

(IN OUR EXAMPLE FOR USING THE ENTRANCE DOOR)

ACS01: USERS MANAGMENT



BADGES

FOR ADDING BADGES TO THE USERS WE HAVE
DIFFERENT OPTION

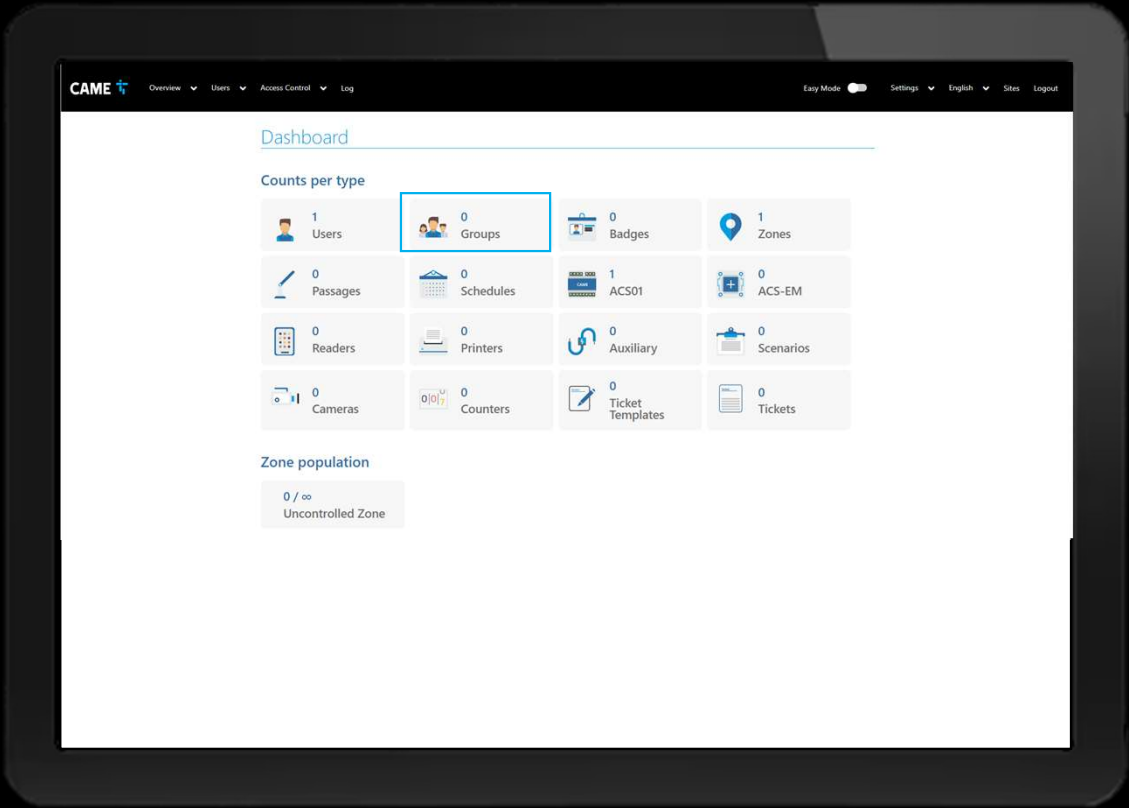
LIST:

YOU ALREADY HAVE A LIST WITH ALL THE BADGE CODES
(IN THIS WAY YOU SELECT A BADGE FROM THE LIST)

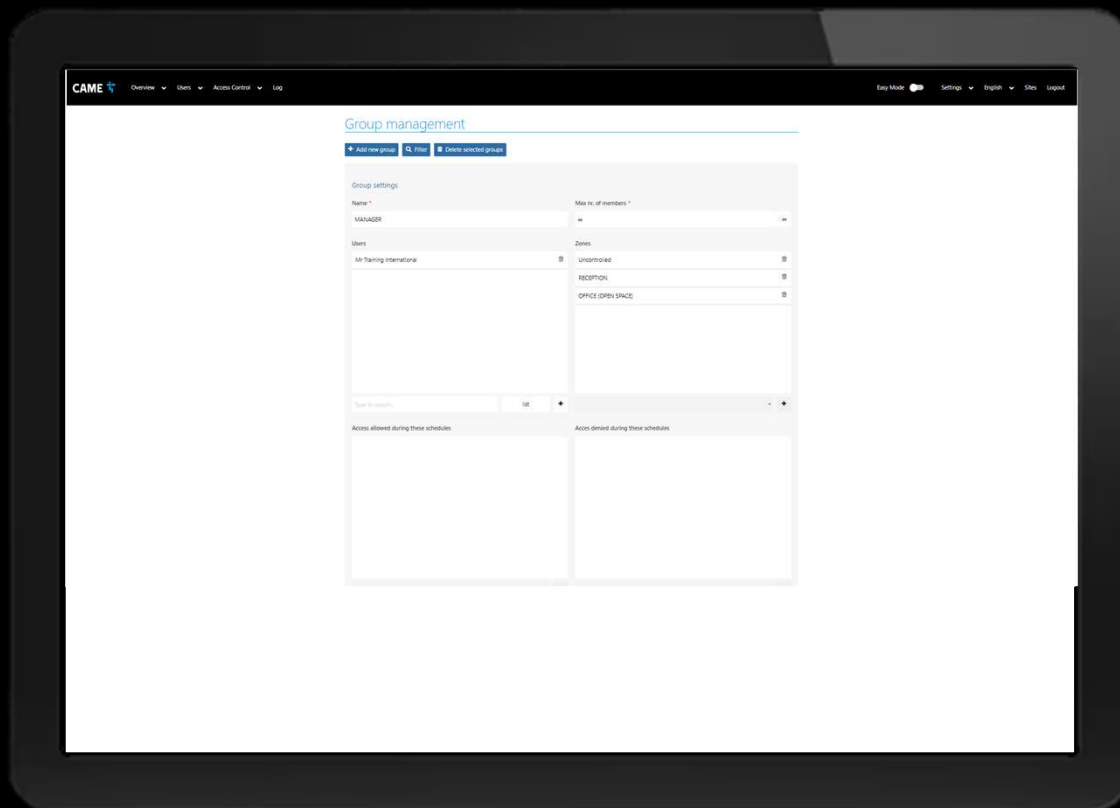
SCAN:

IF YOU DON'T HAVE A LIST WITH CODES FOR BADGES,
YOU CAN ALWAYS **SCAN** THE BADGE **USING THE
READERS**

ACS01:
DASHBOARD



ACS01: GROUPS MANAGMENT



WE CAN MANAGE SINGLE USERS OR **GROUPS**-.

IN THIS WAY IT WILL BE EASIER TO **MANAGE SPECIFIC ACCESS OR TIME ZONE**

FOR EXAMPLE:

MAINTENANCE TEAM

ZONE ACCESS: OUTSIDE,RECEPTION,OFFICE

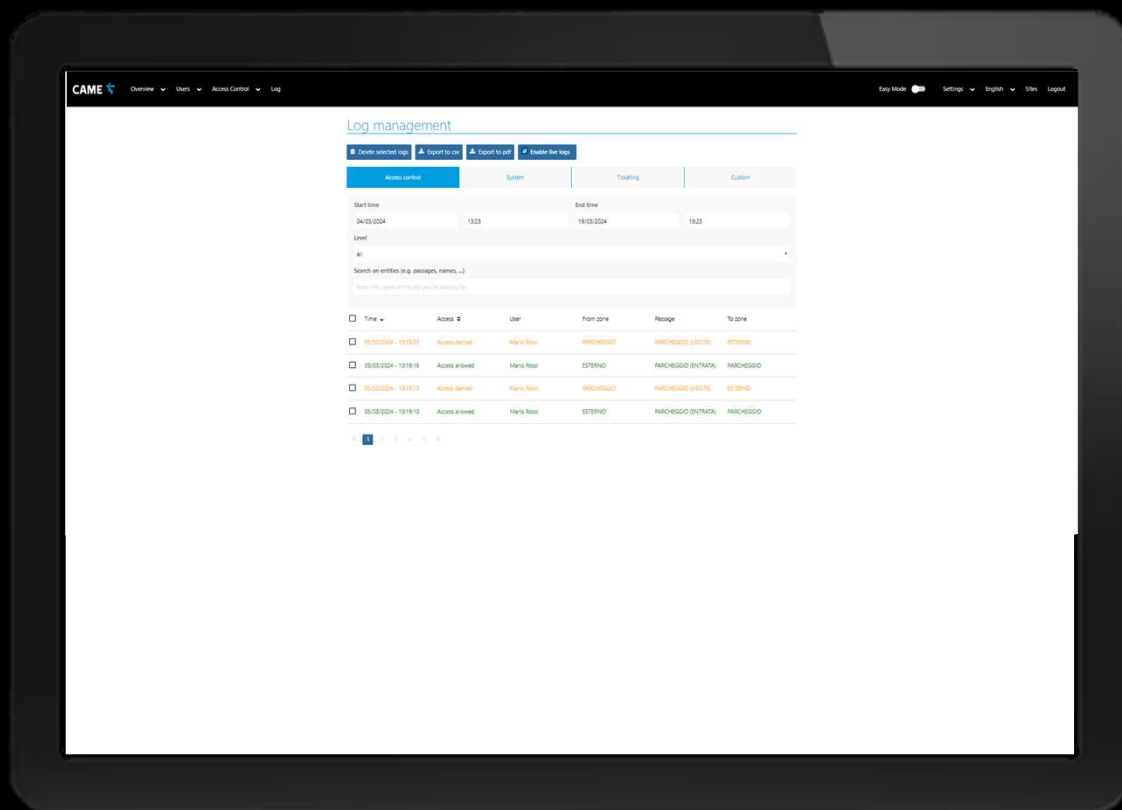
TIME ACCESS: FROM 8AM TO 6 PM

GARDENERS

ZONE ACCESS: OUTSIDE

TIME ACCESS: FROM 6 PM TO 8 PM

ACS01: LOGS FILE



WITH ACS01 YOU ARE ABLE TO KEEP TRACK OF:

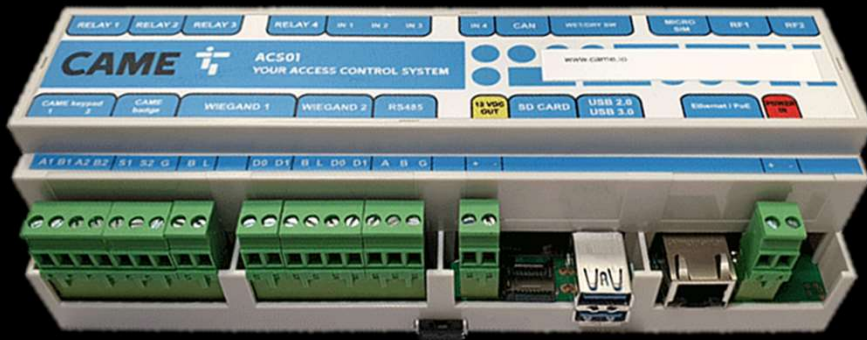
- **THE USERS**
- **ACCESS AND TIME**
- **METHOD OF ACCESS**

YOU CAN ALSO DOWNLOAD THE LOG FILE

THANKS TO THE "SCENARIOS" YOU CAN DO ALSO CUSTOMS LIST

ACS01: NEWS

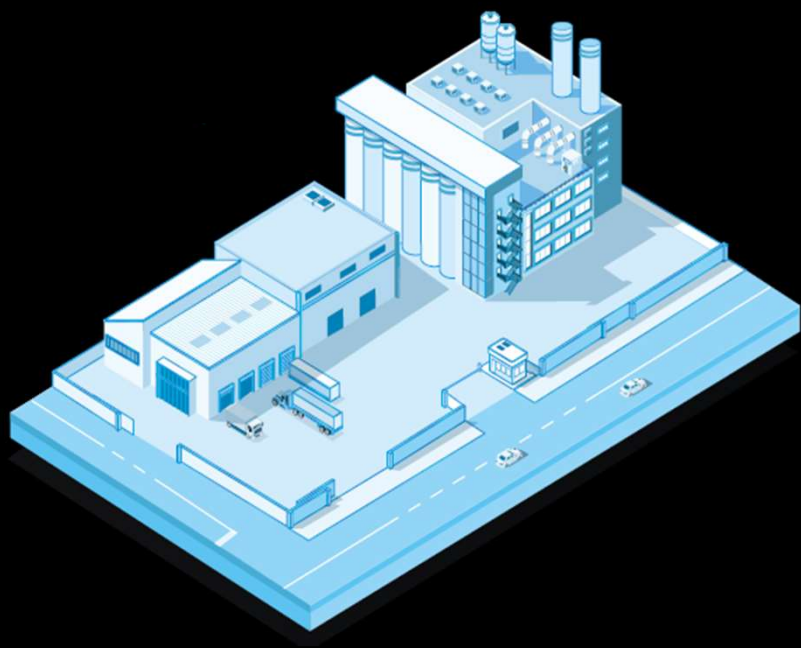
I WISH LIFE WAS LIKE **ACS01**



Easy Mode ☒ English ▼ Sites Logout

WITH AN **EASY MODE!!!**

ACS01: PLANT EXAMPLE MANAGMENT



**ENTRANCE
(READER)**

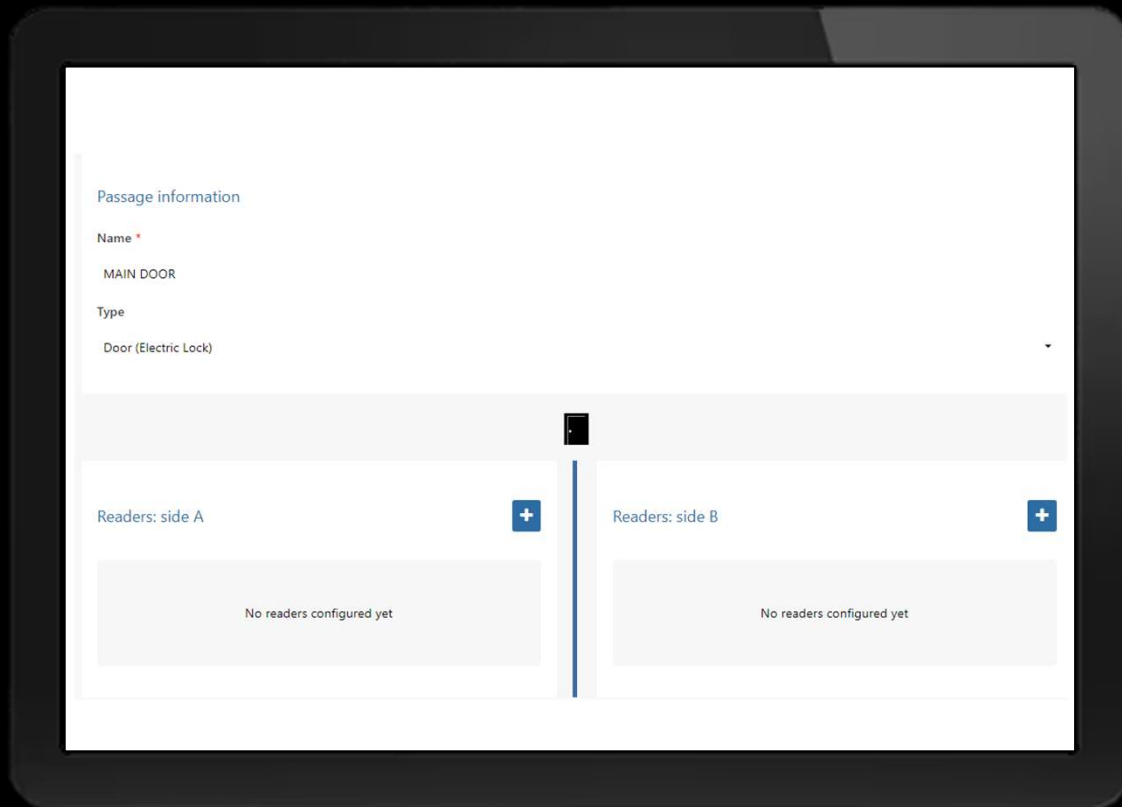


**FLUO
(PASSAGE)**



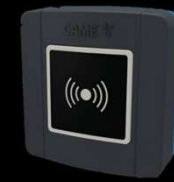
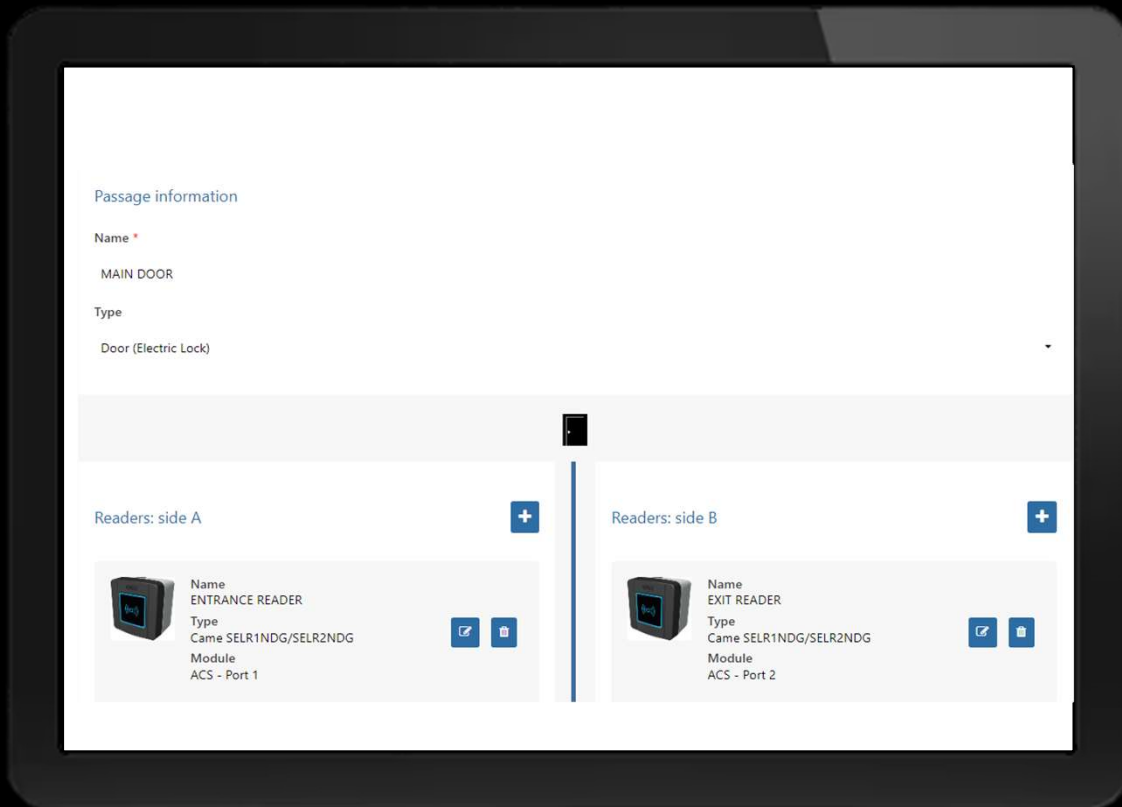
**EXIT
(READER)**

ACS01: PASSAGE MANAGMENT



FLUO
(PASSAGE)

ACS01: READER MANAGMENT

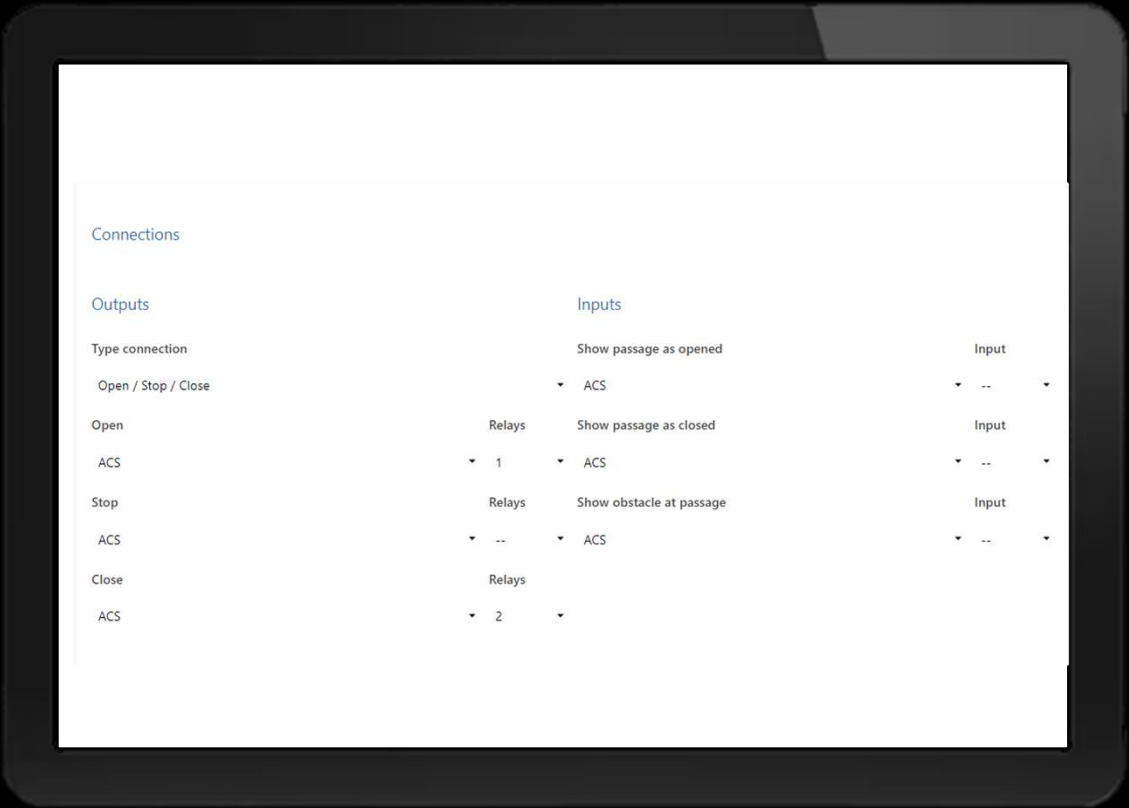


**ENTRANCE
(READER)**



**EXIT
(READER)**

ACS01: OUTPUT MANAGMENT



ACS01



FLUO
(PASSAGE)

ACS01: OUTPUT MANAGMENT

Title * First name * Last name *

Mr Stefano Bonacasa

Email Password

sbonacasa@came.com

Company Keypad code

CAME 1234

Telephone number Badge

3333333333

Scan

Add Cancel

Scan badge

Readers

ENTRANCE READER

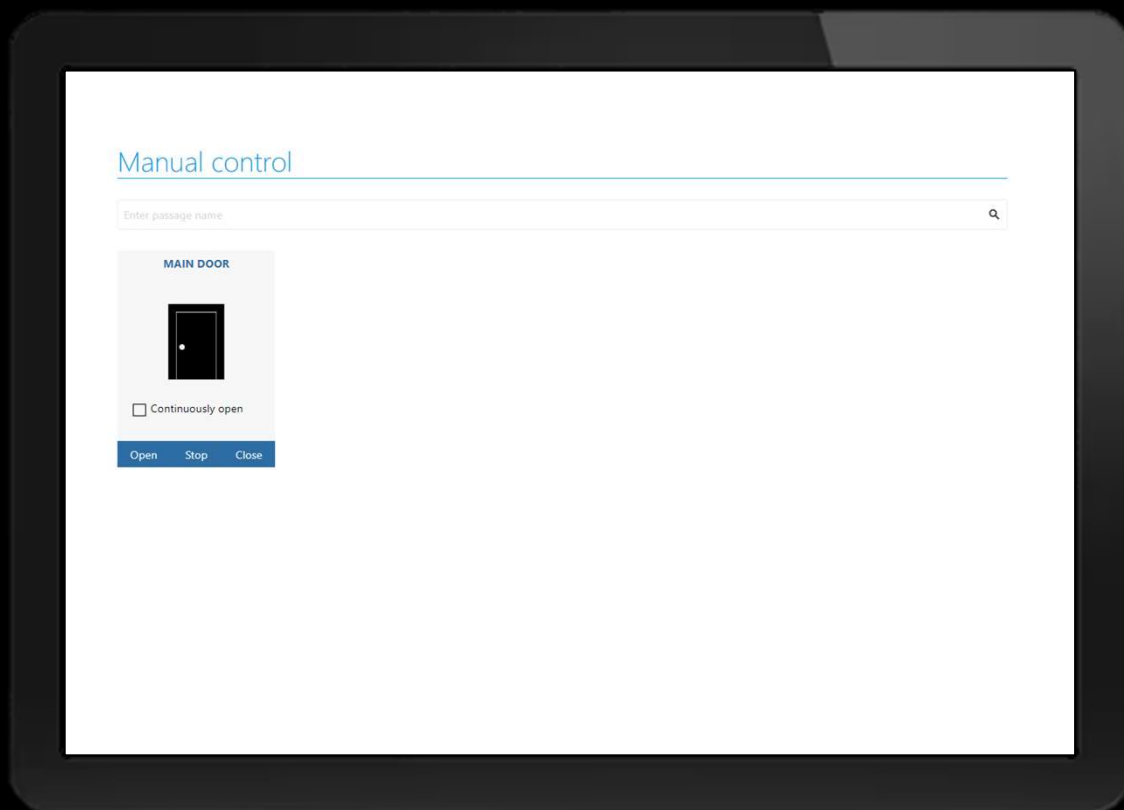
Please scan a badge

Cancel OK



USERS

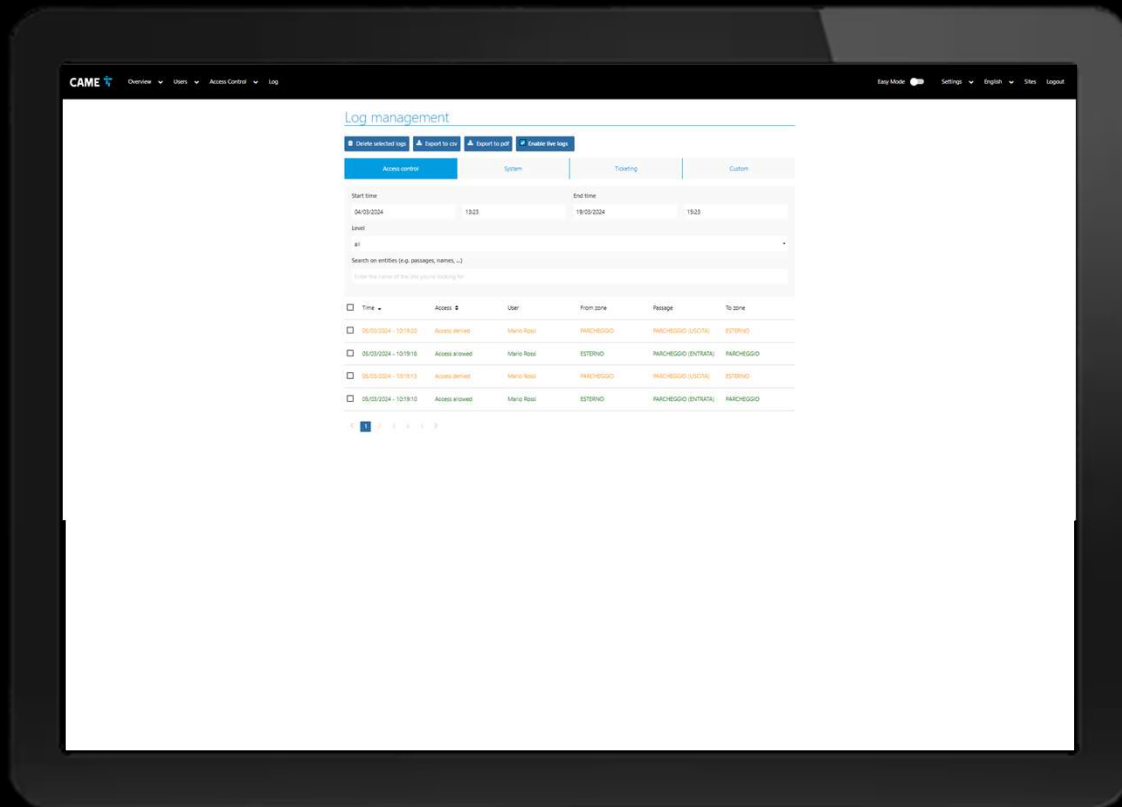
ACS01: OUTPUT MANAGMENT



OPERATORS MANAGEMENT

(MANUAL CONTROL)

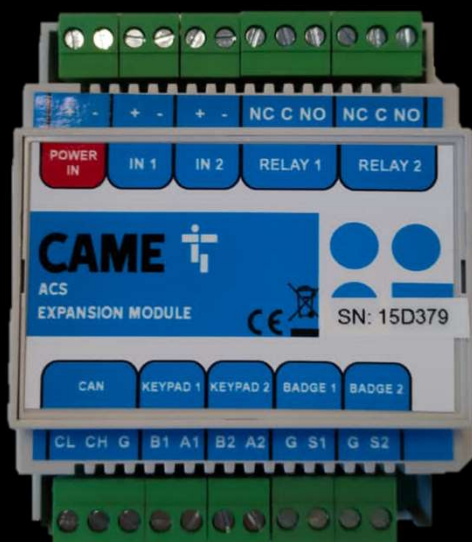
ACS01: LOGS MANAGMENT



LOGS

(PASSAGE MANAGMENT)

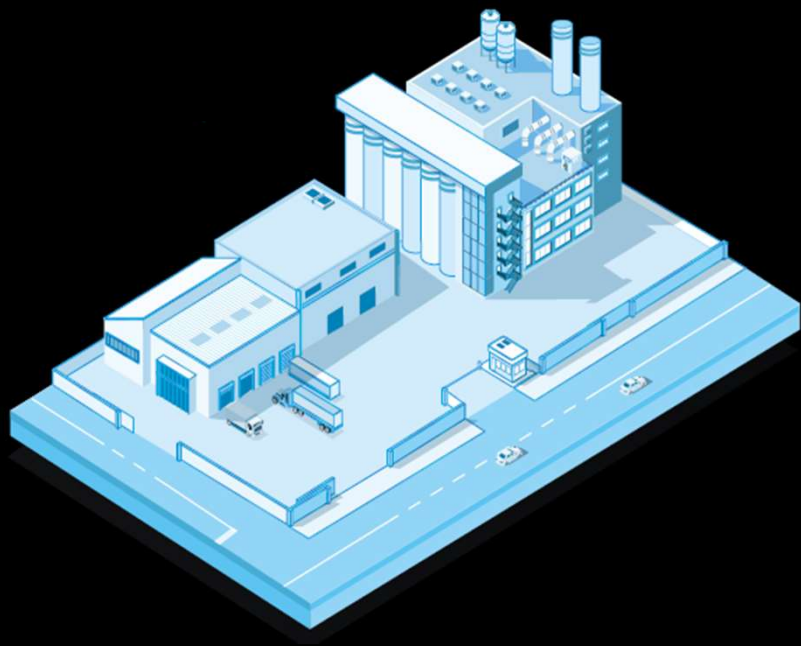
ACS01-EM: INFORMATION



NEED MORE SPACE?

TRY WITH AN EXPANTION!

ACS01-EM: PLANT EXAMPLE



**ENTRANCE
(READER)**



**FLUO
(PASSAGE)**



**EXIT
(READER)**

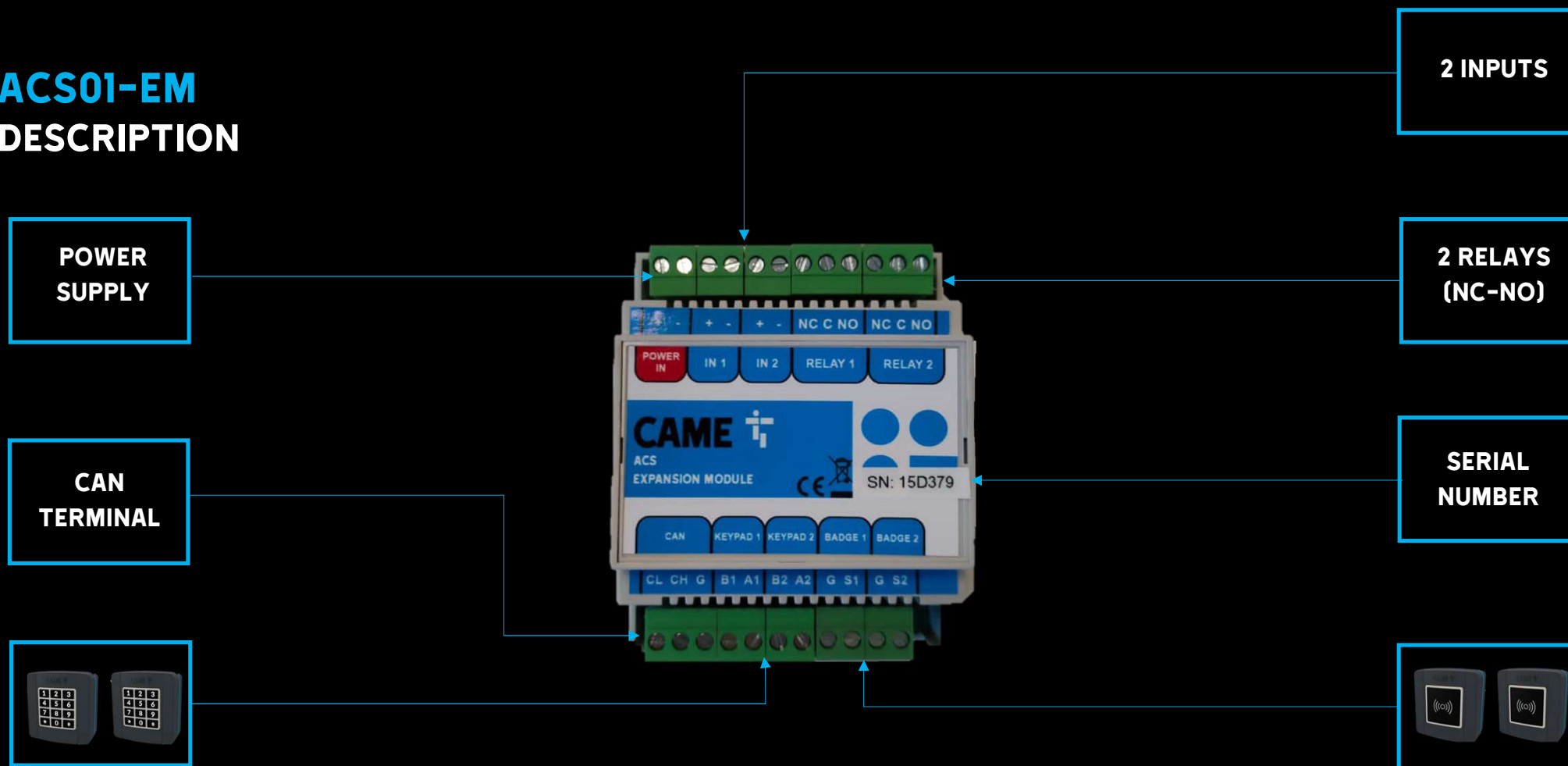
ACS01-EM DESCRIPTION



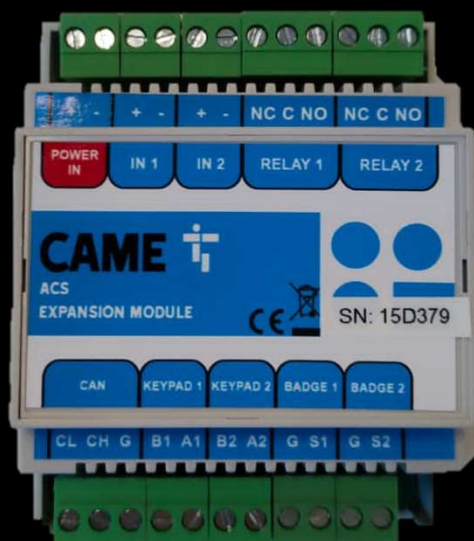
ACS-EM IS AN EXPANSION DEVICE FOR THE ACS01 ACCESS CONTROL MODULE USED TO INCREASE THE NUMBER OF CONNECTED INPUTS OUTPUTS AND READERS

Technical Specifications	Amount	Specifications	Cabling	Max. Length (m)
Power Supply AC/DC	1	24 V AC/DC	2x1 mm ²	30
Output relays	2	3A 24V AC/DC	2x1 mm ²	50
Inputs	2	Contact with 12-24 V AC/DC power	2x1 mm ²	50
CAN Bus communication	1		3x1 mm ²	900 total cable length 250 maximum section length
CAME keypad	2		2x0.75 mm ²	50
CAME transponder	2		2x0.75 mm ²	50

ACS01-EM DESCRIPTION



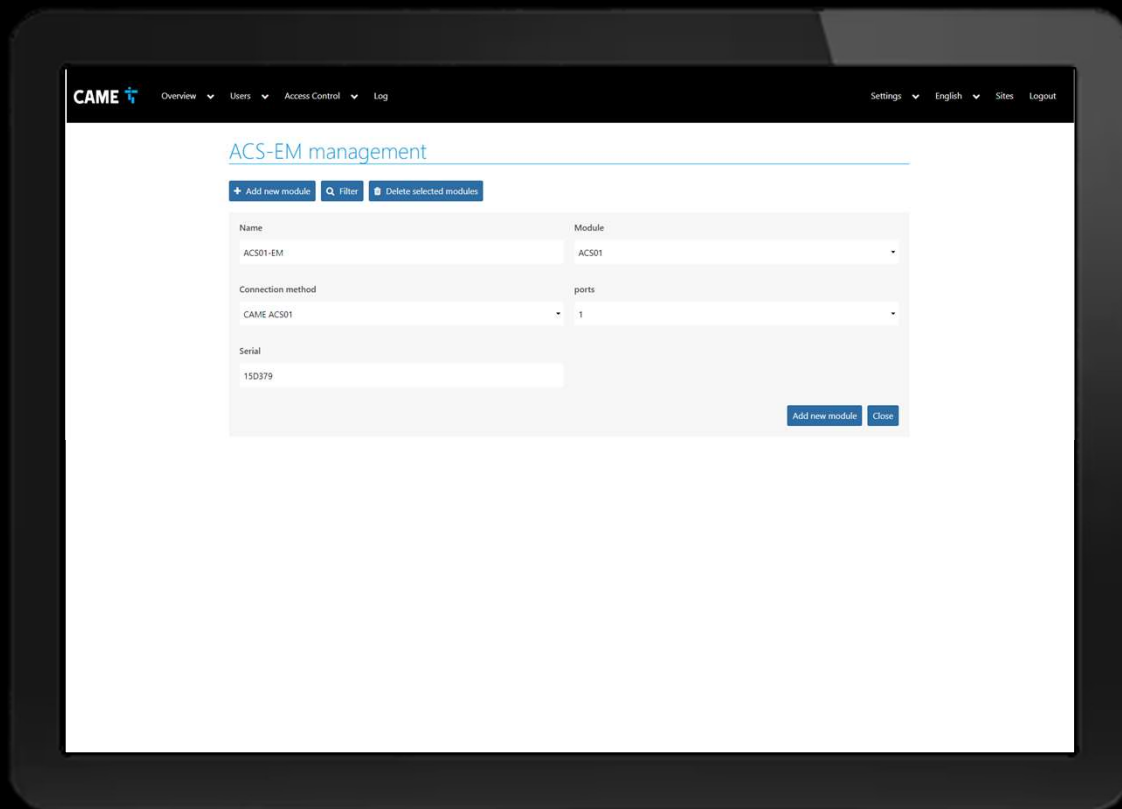
ACS01-EM: CONNECTION WITH AN ACS01



G CL CH



ACS01-EM: MANAGEMENT



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