

KNX

BACnet

Modbus

OPC

SNMP

Fidelio/Opera Protel  
VingCard Kaba Salto

DALI EnOcean  
M-Bus DMX

Proprietary solutions

# // All-in-one

**Building management software for medium-sized  
and enterprise building automation projects**

**Used cases**

# Hotel projects

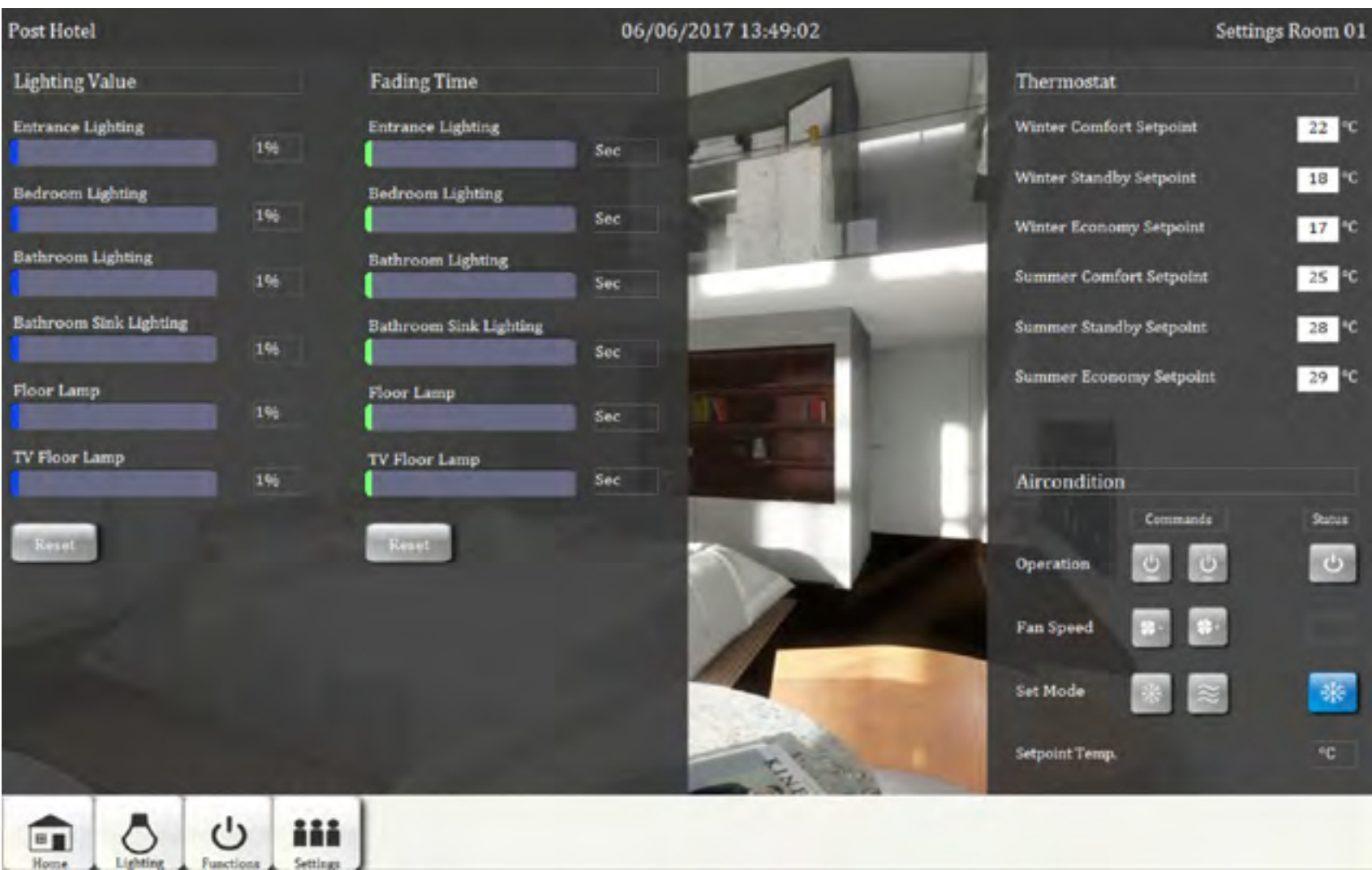
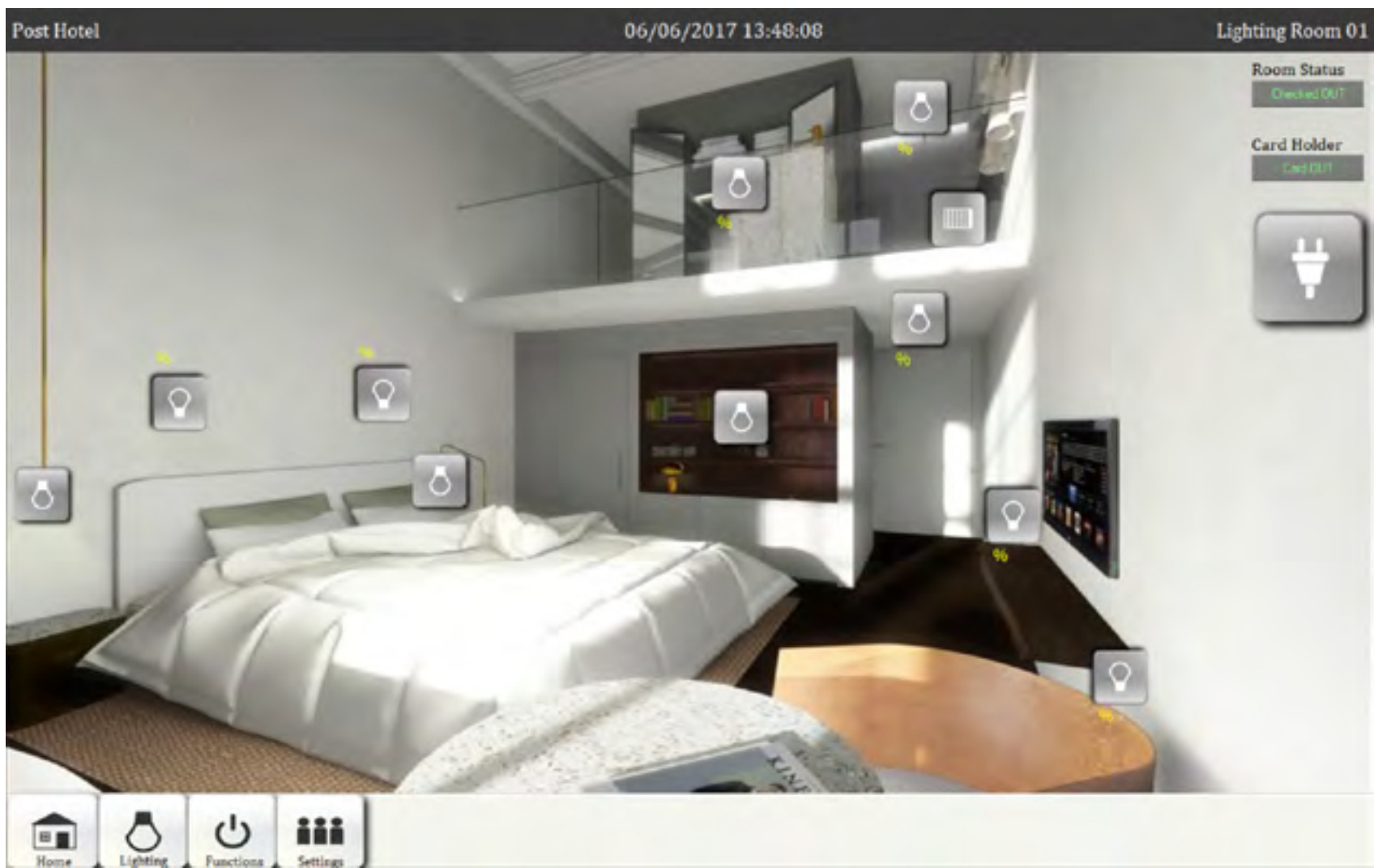
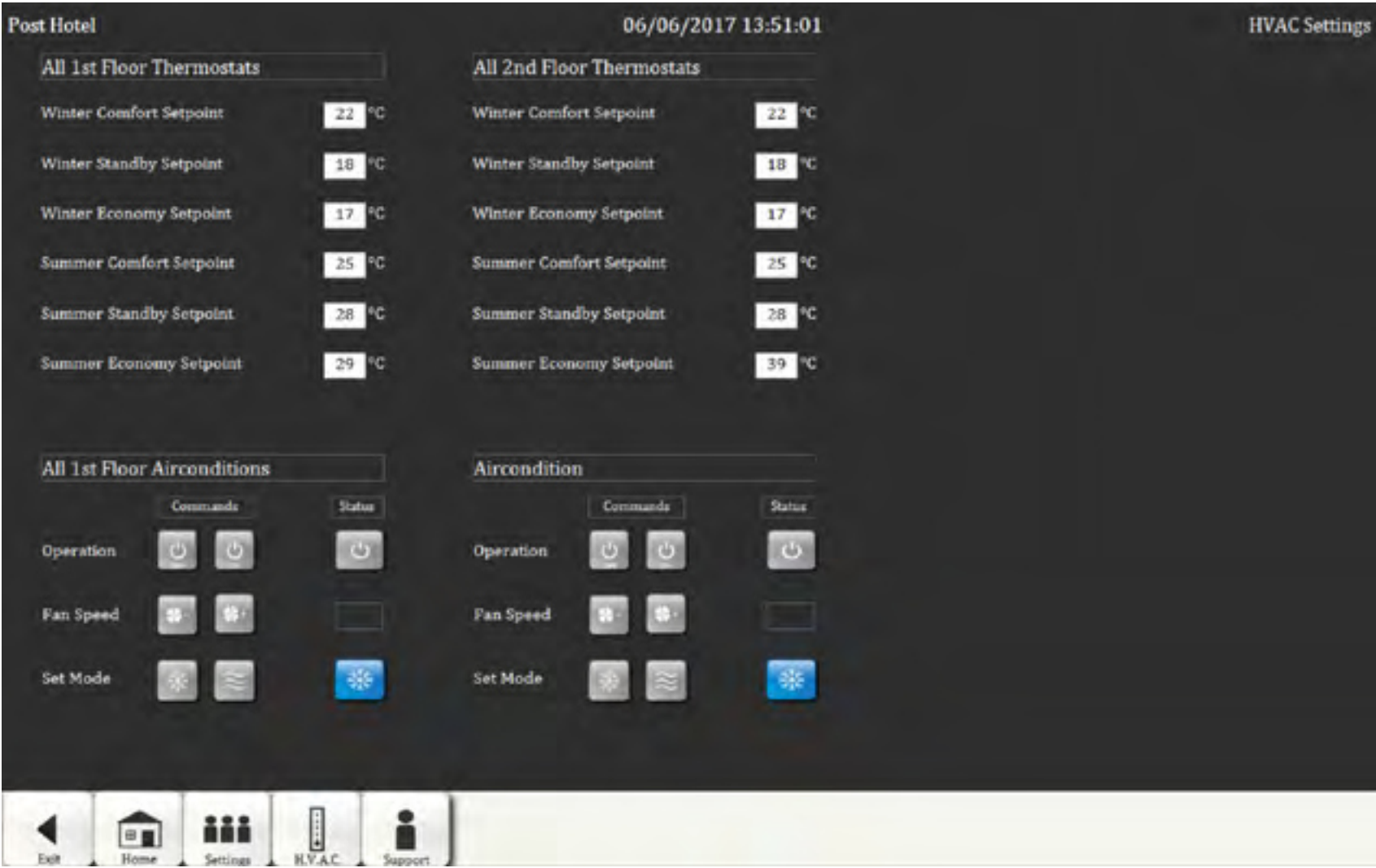
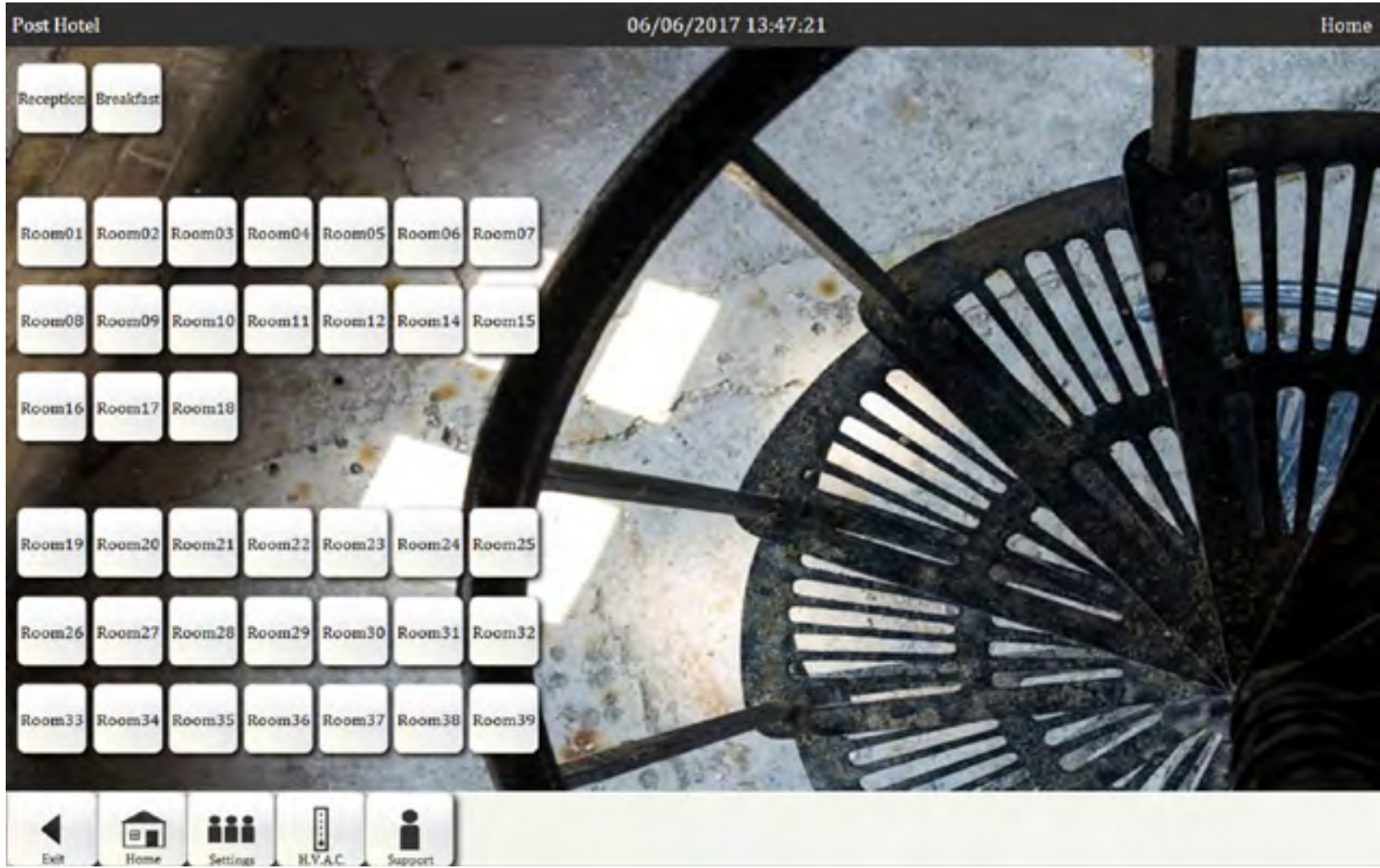


Hotel

# 1898 The Post

Belgium

KNX | MICROS | Fidelio/Opera | Daikin/P-Bus  
lighting | HVAC  
513 KNX devices





Hotel

# Amada Colossos Resort

Greece

KNX | DALI | Protel

lighting | HVAC | shading | access control

8,102 data points / 32,461 group addresses



Katsidonis Pantelis & CO L.P.  
System Design : Petalidis Georgios  
Siemens BMS Partner  
KNX Partner  
Http: www.pkatsidonis.gr  
email : katsidonis@hotmail.com

Amada Colossus Resort  
Lights Control System

Building YA85

Building YA77

Building N

Outside Lights

Time Schedules

Wheathor Station

11:04

Alarm OFF

11

04

11:04

Alarm OFF

11:04

Alarm OFF

11

04

11:04

Alarm OFF

Amada Colossus Resort  
KATSIDONIS PANTELIS & CO L.P.  
SYSTEM DESIGN : PETALIDIS GEORGIOS  
EMAIL : KATSIDONIS@HOTMAIL.COM

Project Name  
Page :  
User :

Spa  
Lights  
Spa

11:04

Alarm OFF

11

04

11:04

Alarm OFF

11:04

Alarm OFF

11

04

11:04

Alarm OFF

Amada Colossus Resort  
KATSIDONIS PANTELIS & CO L.P.  
SYSTEM DESIGN : PETALIDIS GEORGIOS  
EMAIL : KATSIDONIS@HOTMAIL.COM

Project name : Rooms-77  
Page : Rooms 4032-4091  
User : Petalidis

11:04

Alarm OFF

11

04

11:04

Alarm OFF

11:04

Alarm OFF

11

04

11:04

Alarm OFF

Room 4032	Room 4033	Room 4034	Room 4035	Room 4036	Room 4037	Room 4038	Room 4039	Room 4040	Room 4041	Room 4042	Room 4043	Room 4044
Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in
DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND
MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR
Room 4045	Room 4046	Room 4047	Room 4048	Room 4049	Room 4050	Room 4051	Room 4052	Room 4053	Room 4054	Room 4055	Room 4056	Room 4057
Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in
DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND
MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR
Room 4058	Room 4059	Room 4060	Room 4061	Room 4062	Room 4063	Room 4064	Room 4065	Room 4066	Room 4067	Room 4068	Room 4069	Room 4070
Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in
DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND
MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR
Room 4071	Room 4072	Room 4073	Room 4074	Room 4075	Room 4076	Room 4077	Room 4078	Room 4079	Room 4080	Room 4081	Room 4082	Room 4083
Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in
DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND	DND
MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR
Room 4084	Room 4085	Room 4086	Room 4087	Room 4088	Room 4089	Room 4090	Room 4091					
Card in	Card in	Card in	Card in	Card in	Card in	Card in	Card in					
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MMR	MMR	MMR	MMR	MMR	MMR	MMR	MMR					



Hotel

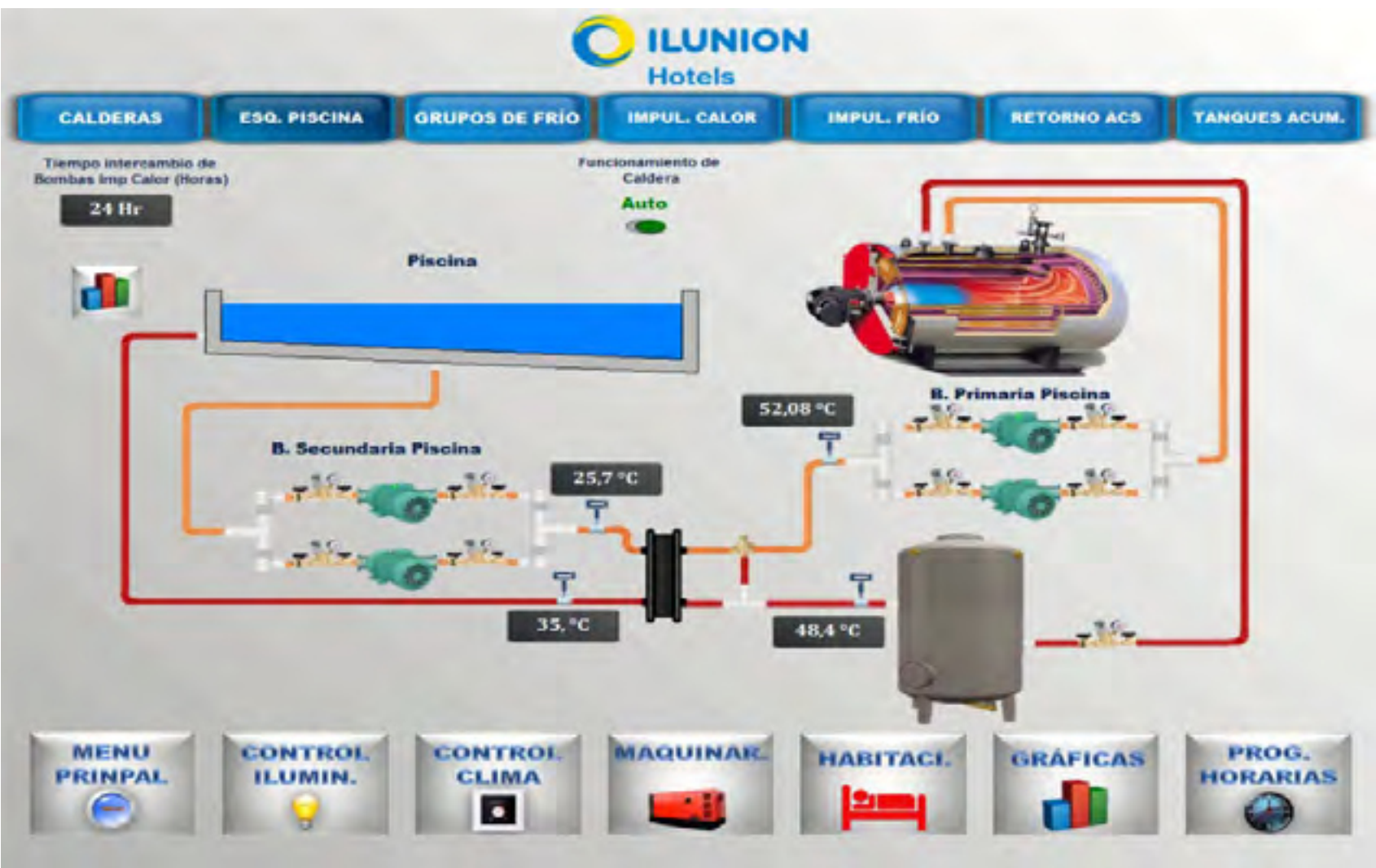
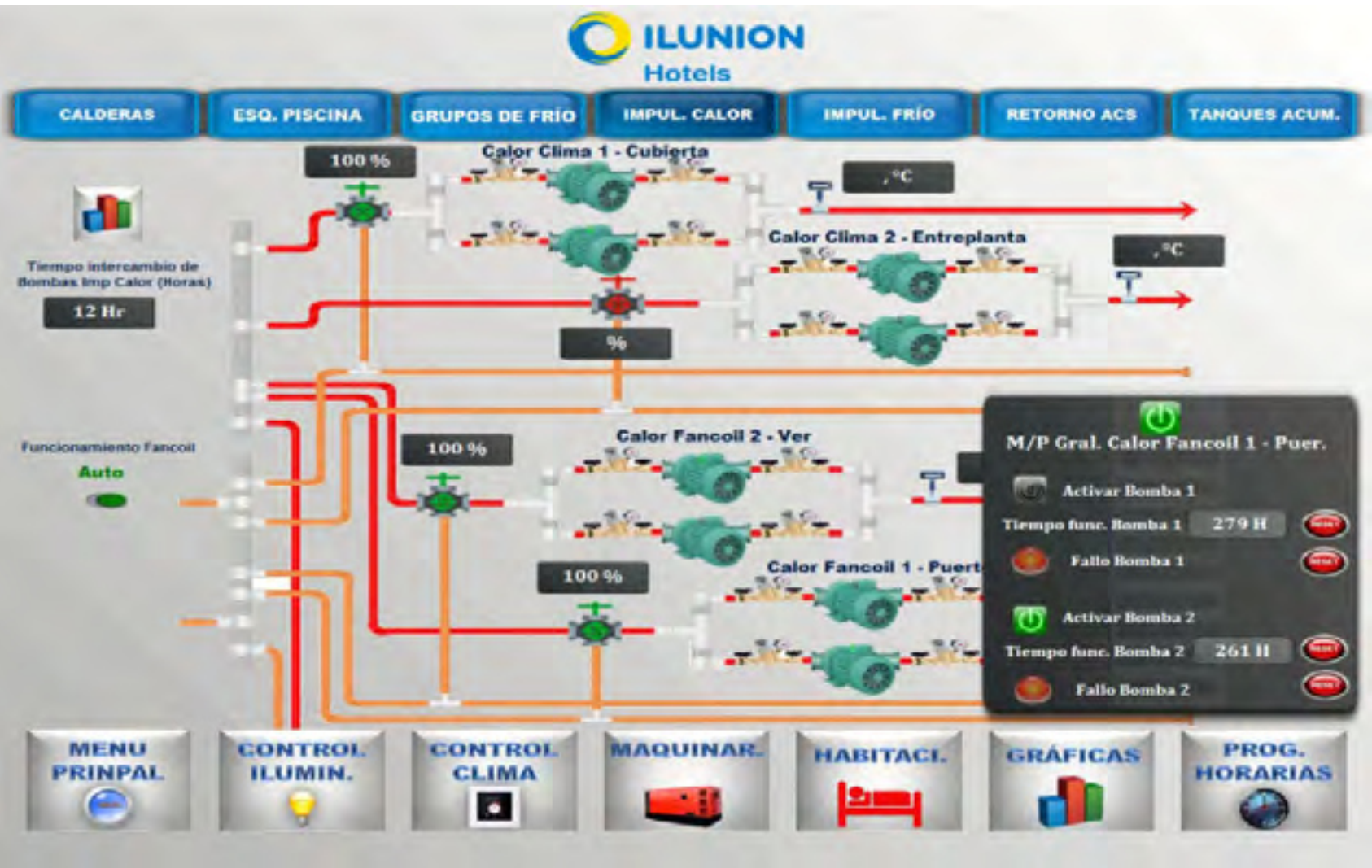
# Ilunion Hotel

Spain

KNX

lighting | HVAC

10,000 data points / 5,000 group addresses - Main/Backup





# Hotel

**NETX**  
AUTOMATION

# Hilton Hotel

Riyadh, Saudi Arabia

KNX | BACnet | VingCard | DMX | OnQ

lighting | HVAC | shading | 13,000 data points / 40,000 group addresses

17,000 - dimmers, switch actuators, FCU controllers, blind actuators, DMX controllers, Glass KNX switches





Hotel

# Marriott Hotel Al Forsan

Abu Dhabi

KNX | BACnet | Fidelio/Opera | DALI

lighting | HVAC | shading | access control

DND/MUR | fan speed | temperature | set point | room occupancy





Hotel

# Dukes The Palm

Dubai

KNX | BACnet | Fidelio/Opera

lighting | HVAC

10,000 data points / 8,000 group addresses





Hotel

# Yas Viceroy

Abu Dhabi

KNX | BACnet | Fidelio/Opera

lighting | HVAC | shading | access control

10,000 data points





Hotel

# Grand Park City Hall

Singapore

KNX | VingCard | Fidelio/Opera

lighting | HVAC | shading | access control

25,000 data points





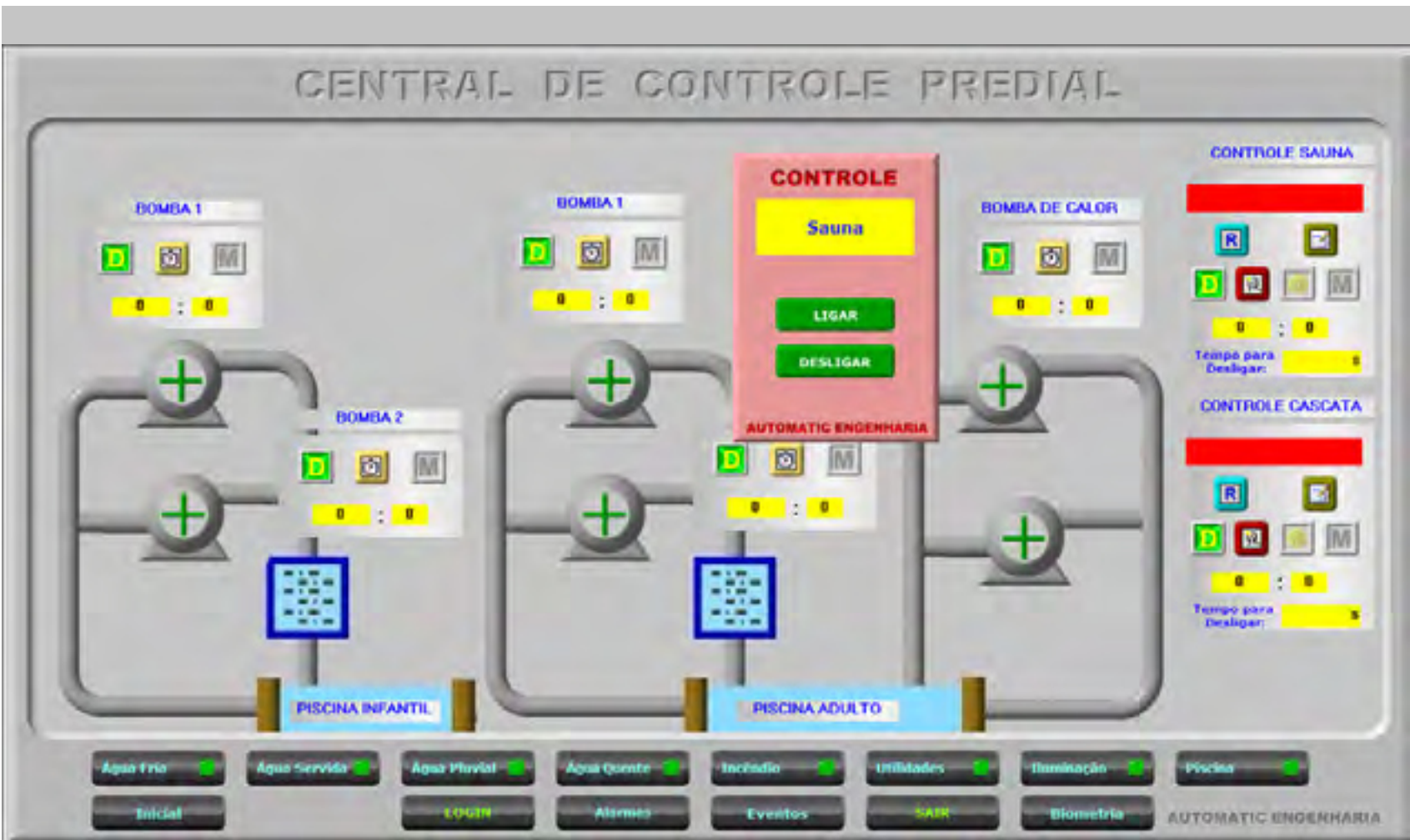
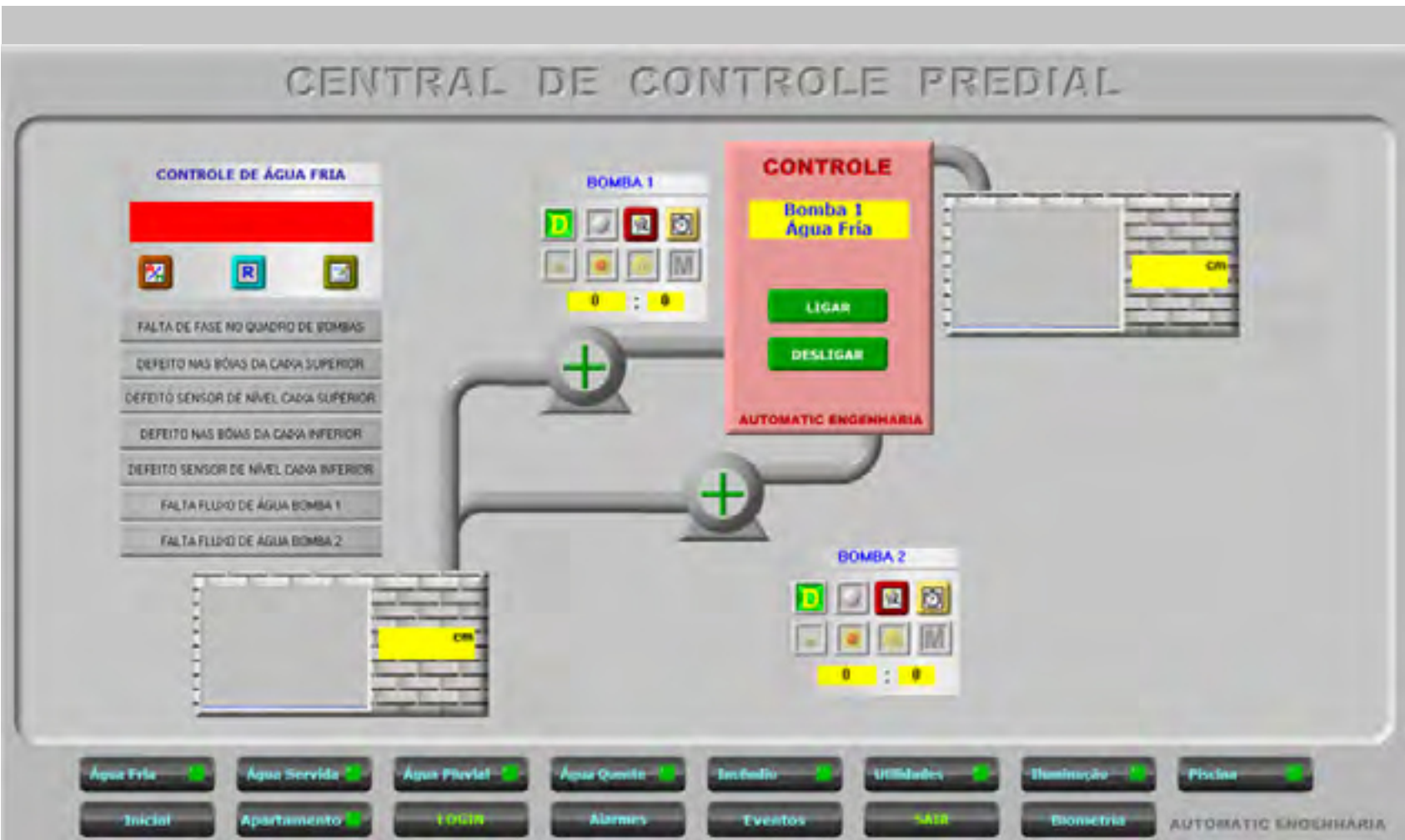
# L'Essence Residential

Brazil

KNX

lighting, HVAC, security, access control, water systems, sauna and swimming pool

1,500 data points | 67 devices





# Office buildings

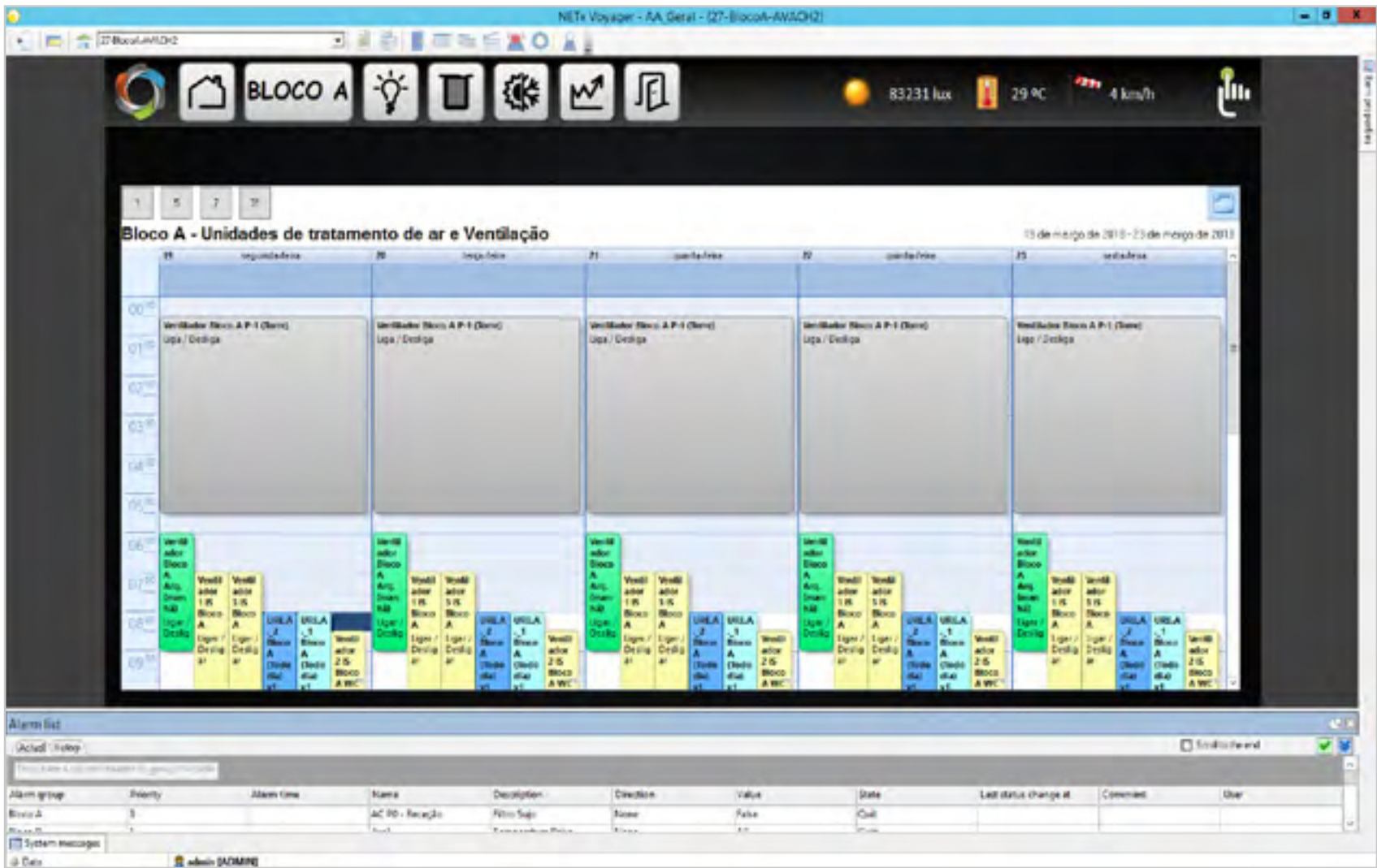
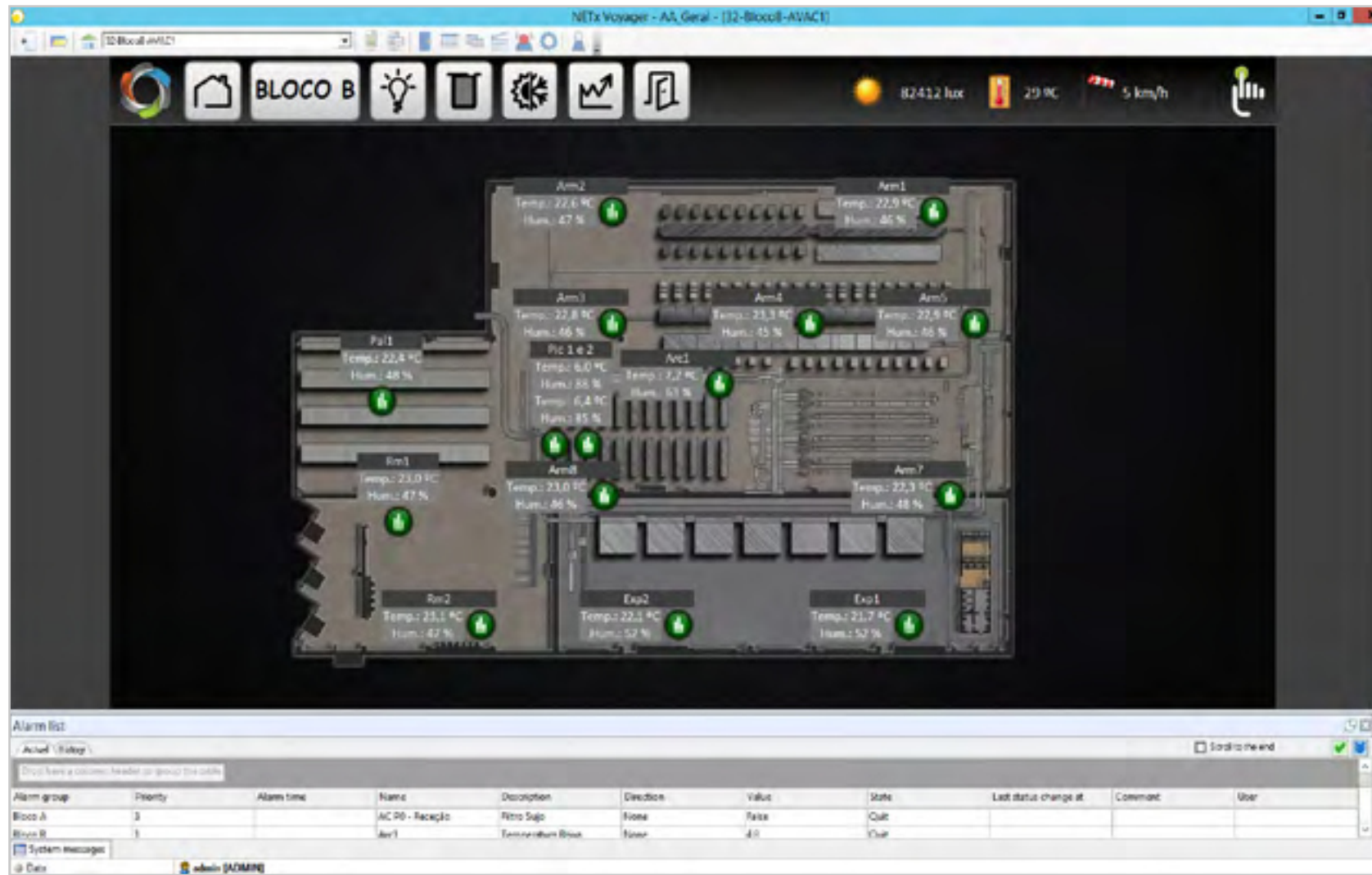
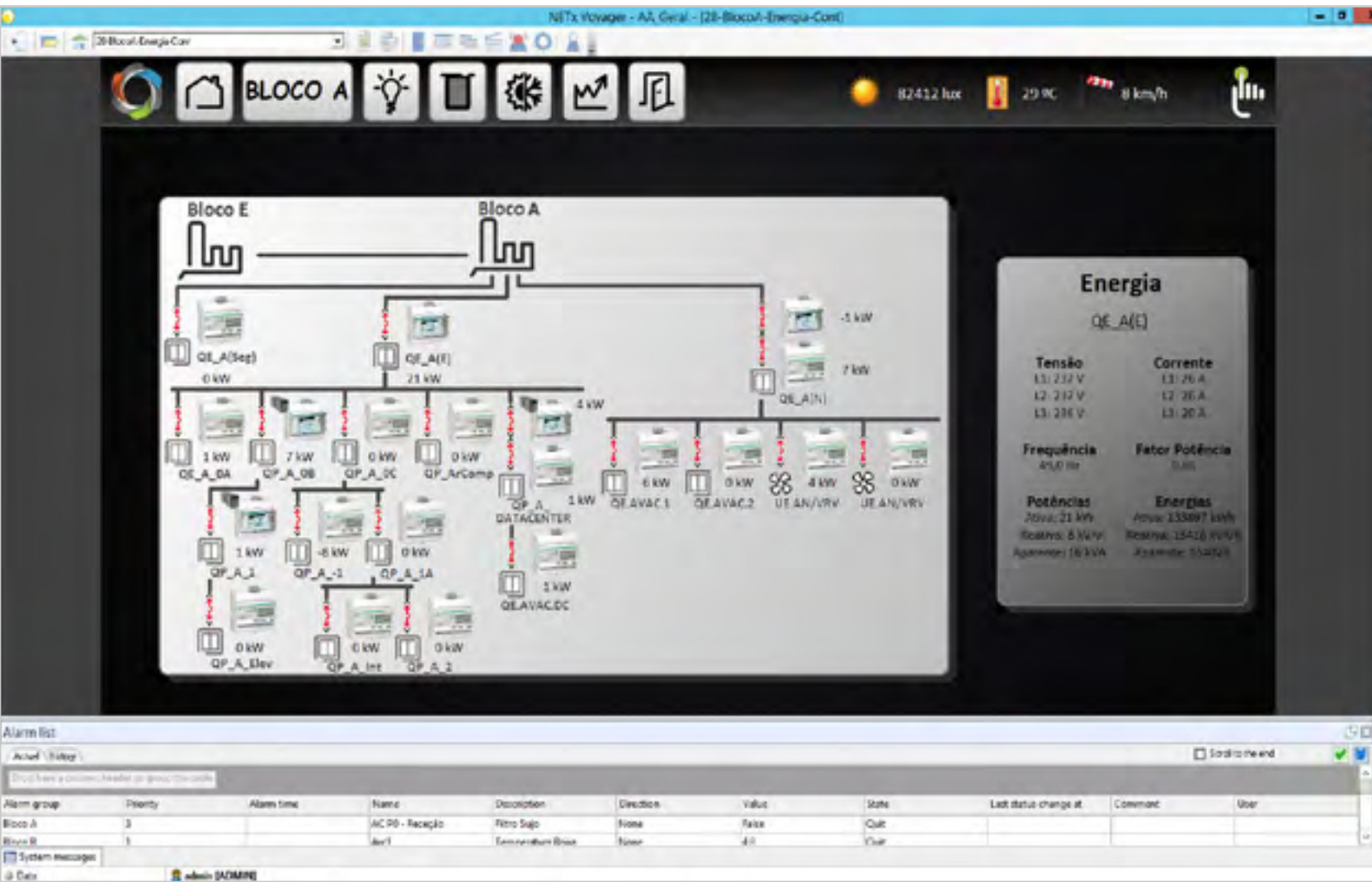
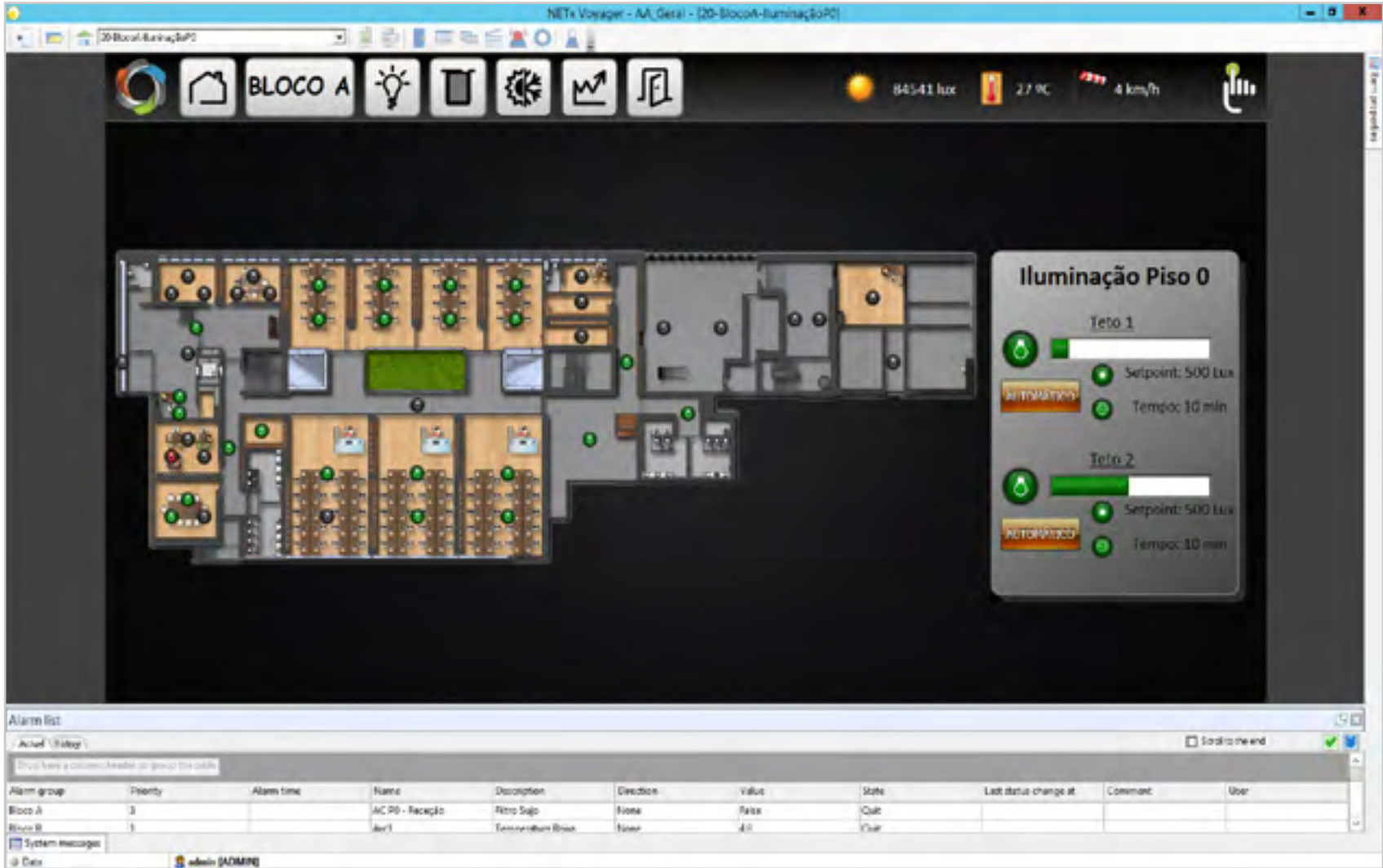


Office building

# Novas Instalações Plural

Spain

KNX | BACnet | Modbus | DALI | M-Bus  
lighting | HVAC | shading | blackout control | alarms | humidity  
4,995 data points | 69 measurement data points | 556 devices





Office building

# S44

Sweden

KNX | Modbus | DALI | EnOcean | DMX | Crestron  
lighting | HVAC | shading | alarms | meter reading | emergency lighting  
13,376 data points / 27,822 group addresses | 3,563 devices



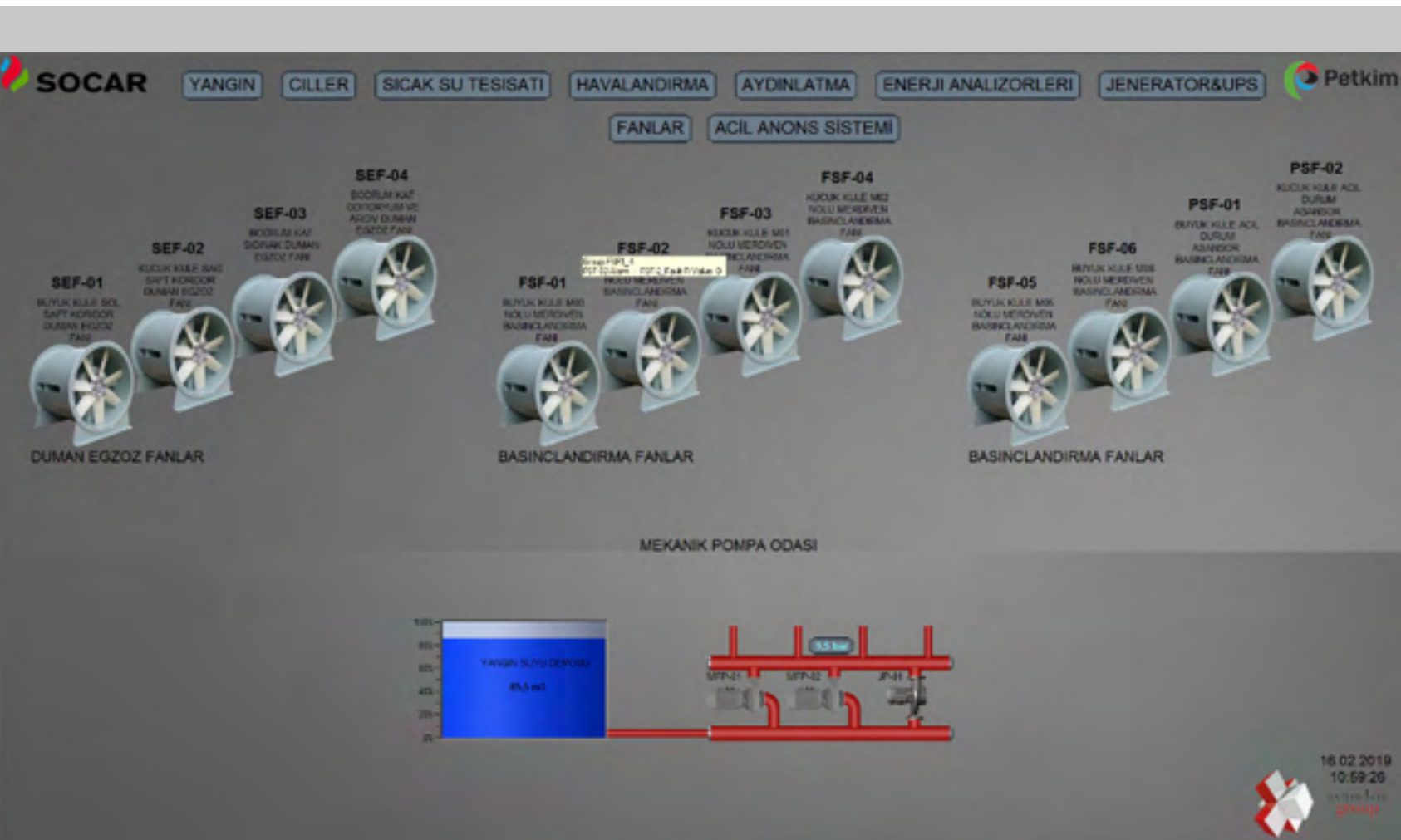
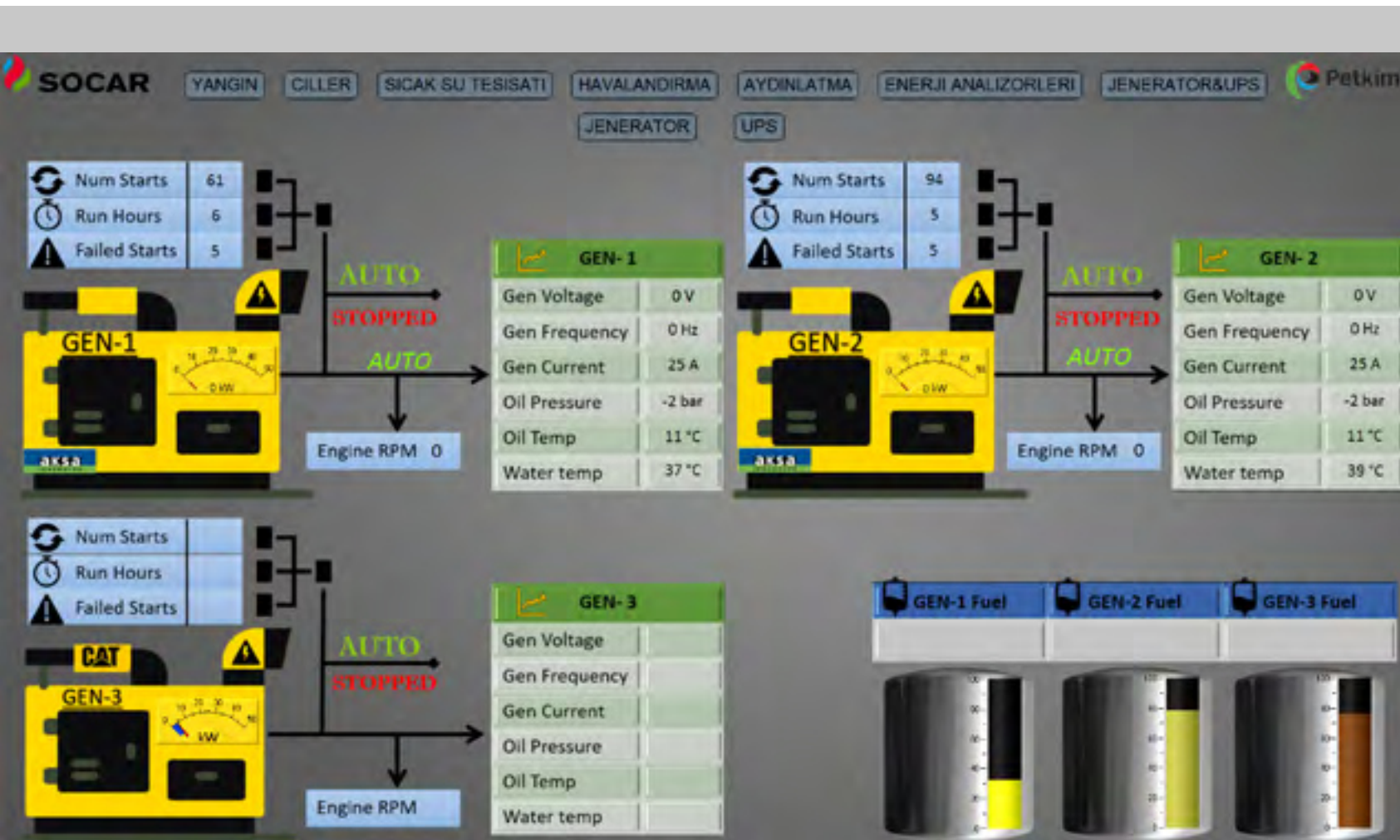
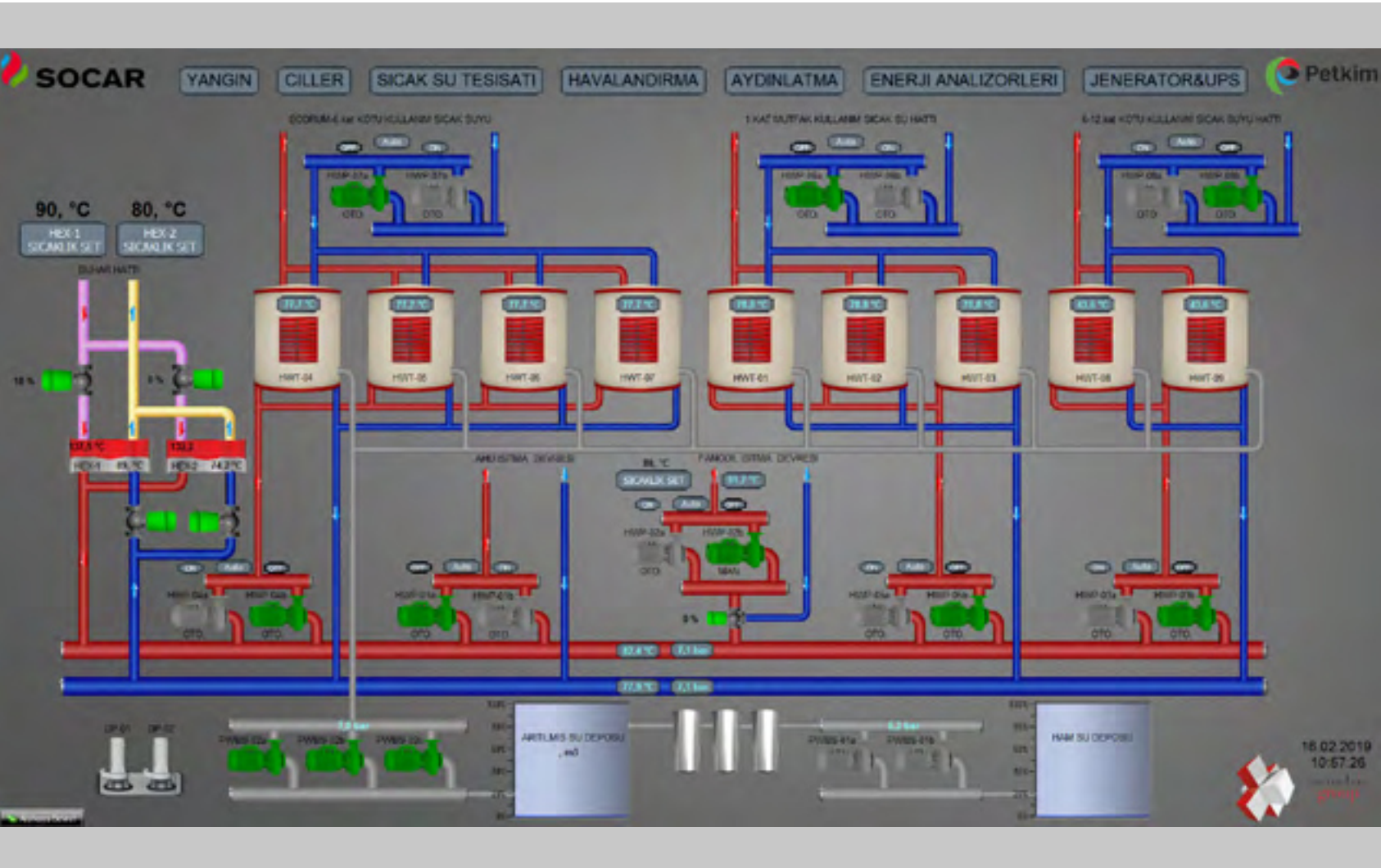
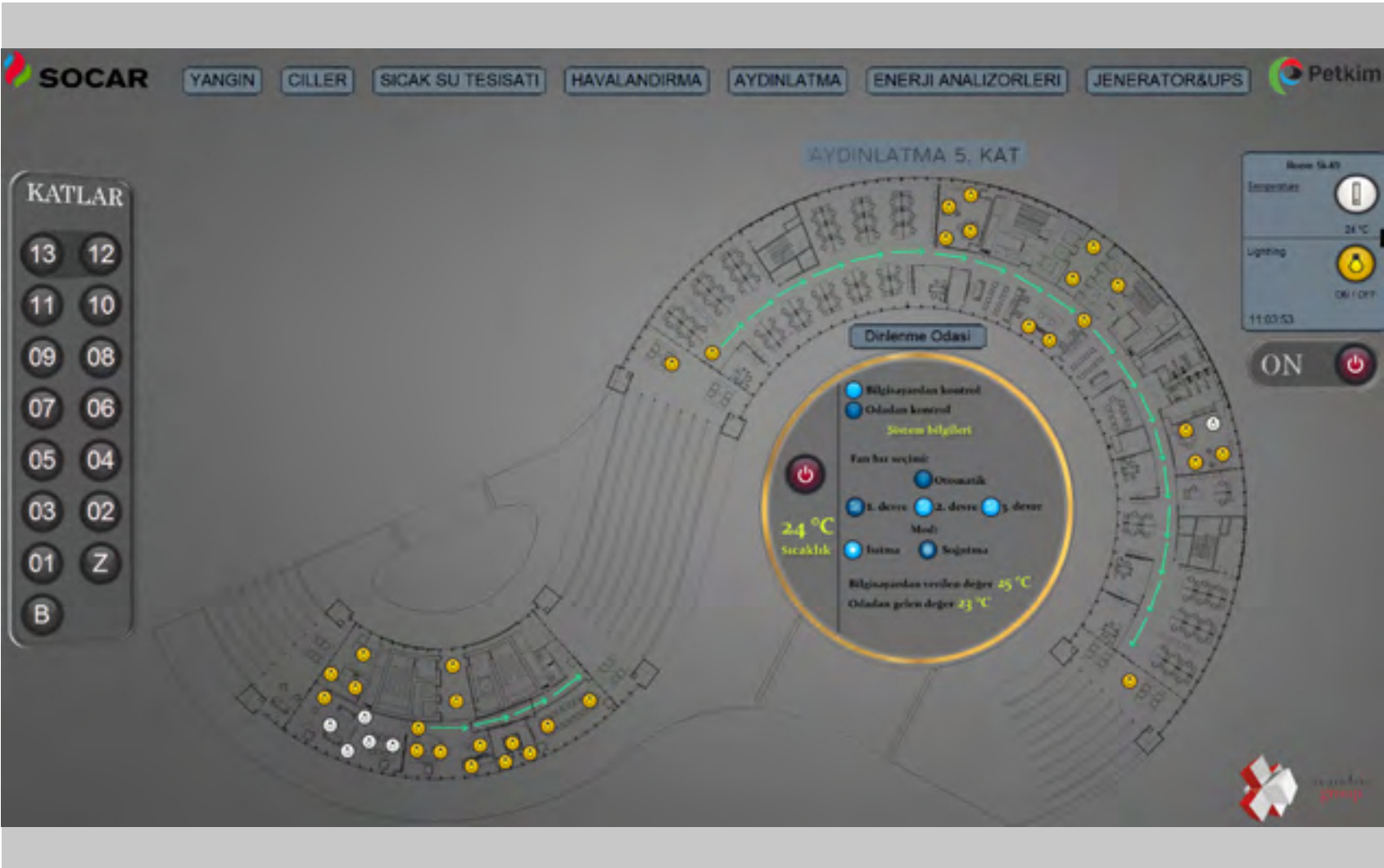
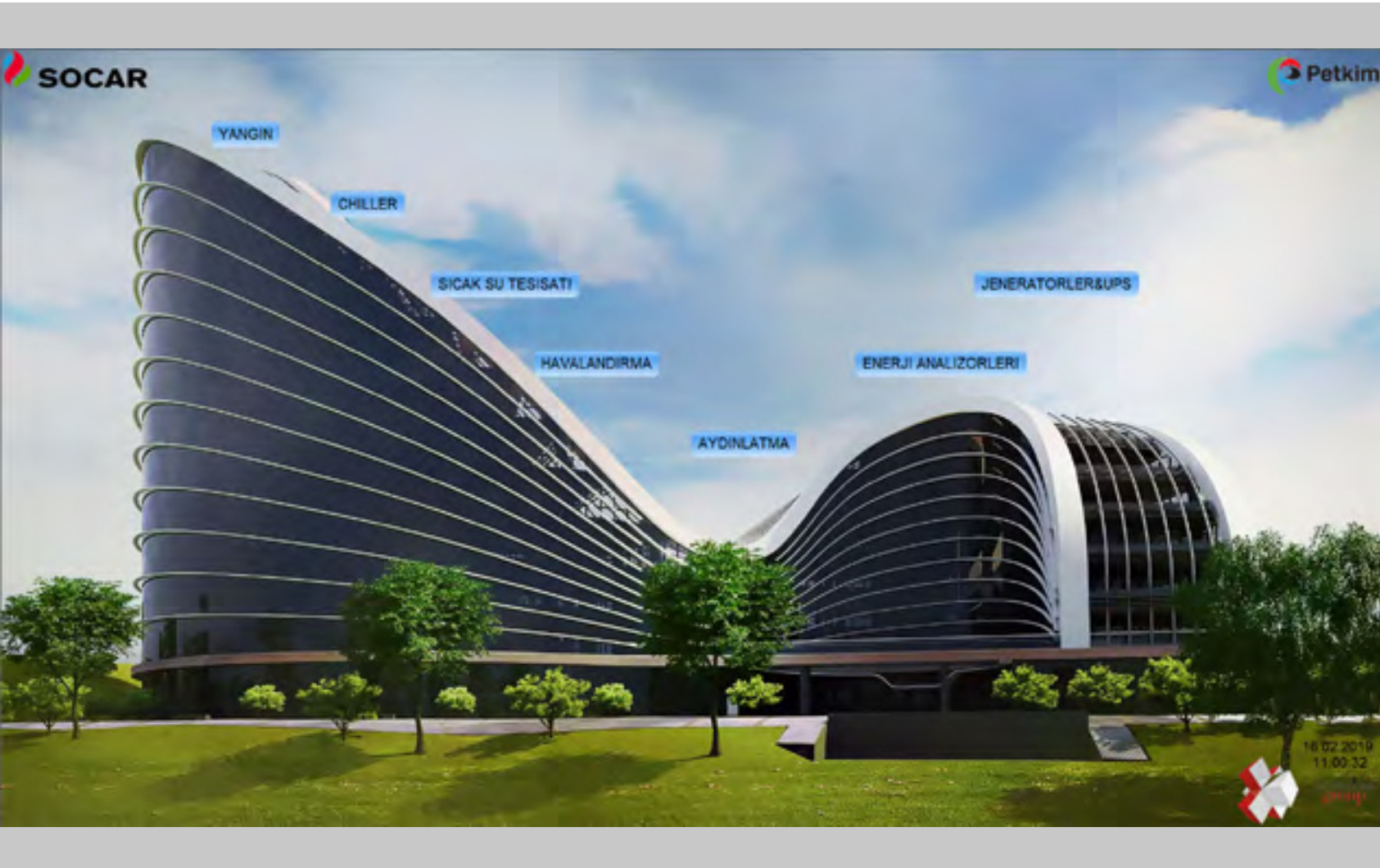


Office building

# Socar Star Management Building

Turkey

KNX | BACnet | Modbus | SNMP | DALI | M-Bus  
lighting | HVAC | shading | security  
10,000 data points | 250 measurement data points





Office building

# Telemundi III

Brazil

KNX | BACnet | Modbus | DALI  
lighting | HVAC | water (cold/rain and waste)  
2,900 data points | 1,050 devices

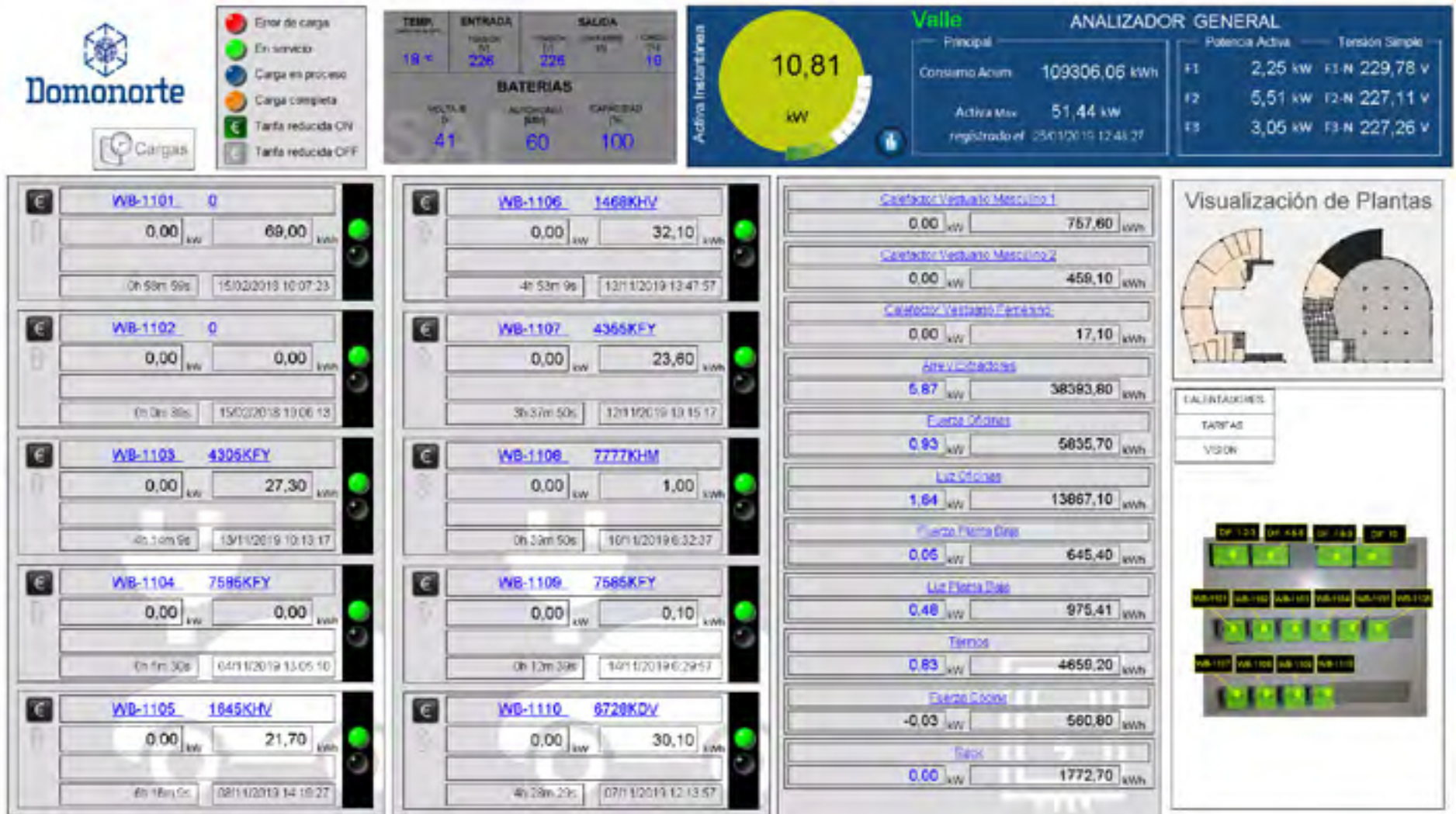
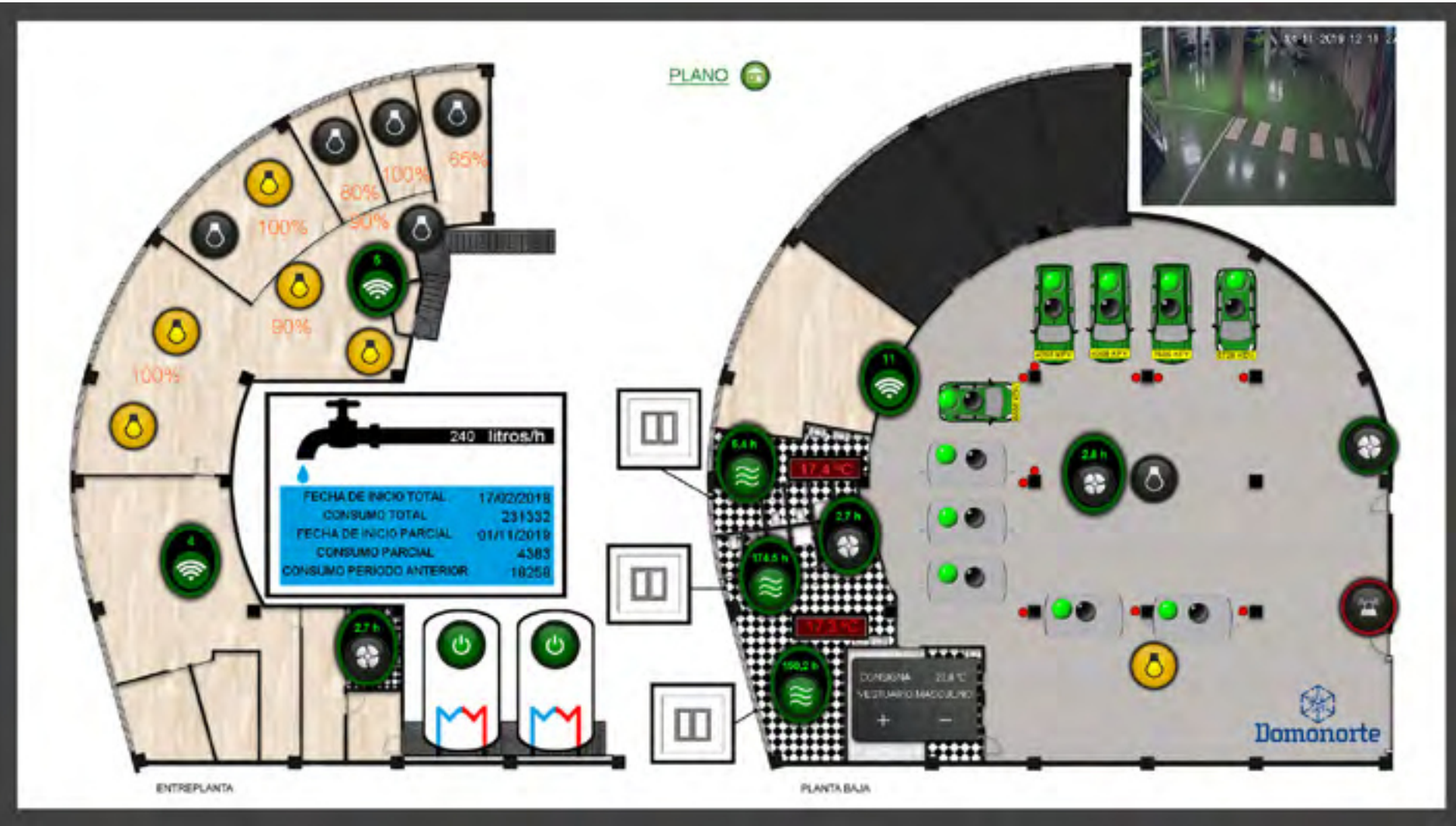
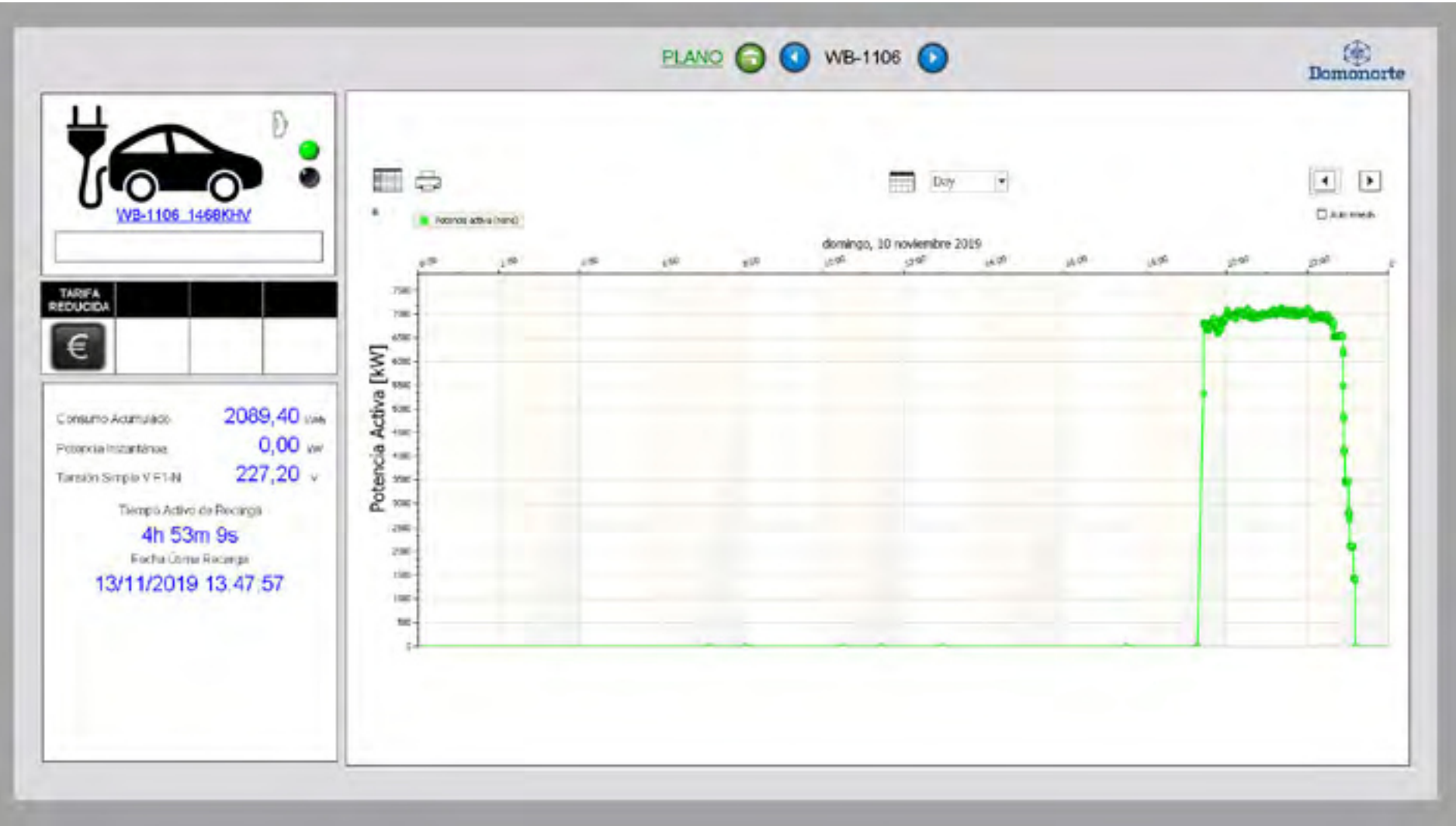




# Electric charging station

Spain

KNX | Modbus | SNMP | SQL  
lighting | HVAC | security | access control | energy efficiency | electric vehicles | database  
724 data points / 103 group addresses | 55 - RFID reader, power analyzer, AP wifi, SAI, actuators, binary inputs, pulse counters





# Shopping malls



Shopping mall

# PlusCity

Austria

KNX | DALI | DMX  
lighting  
energy management

NETX  
AUTOMATION





## Shopping mall

# Green Gold

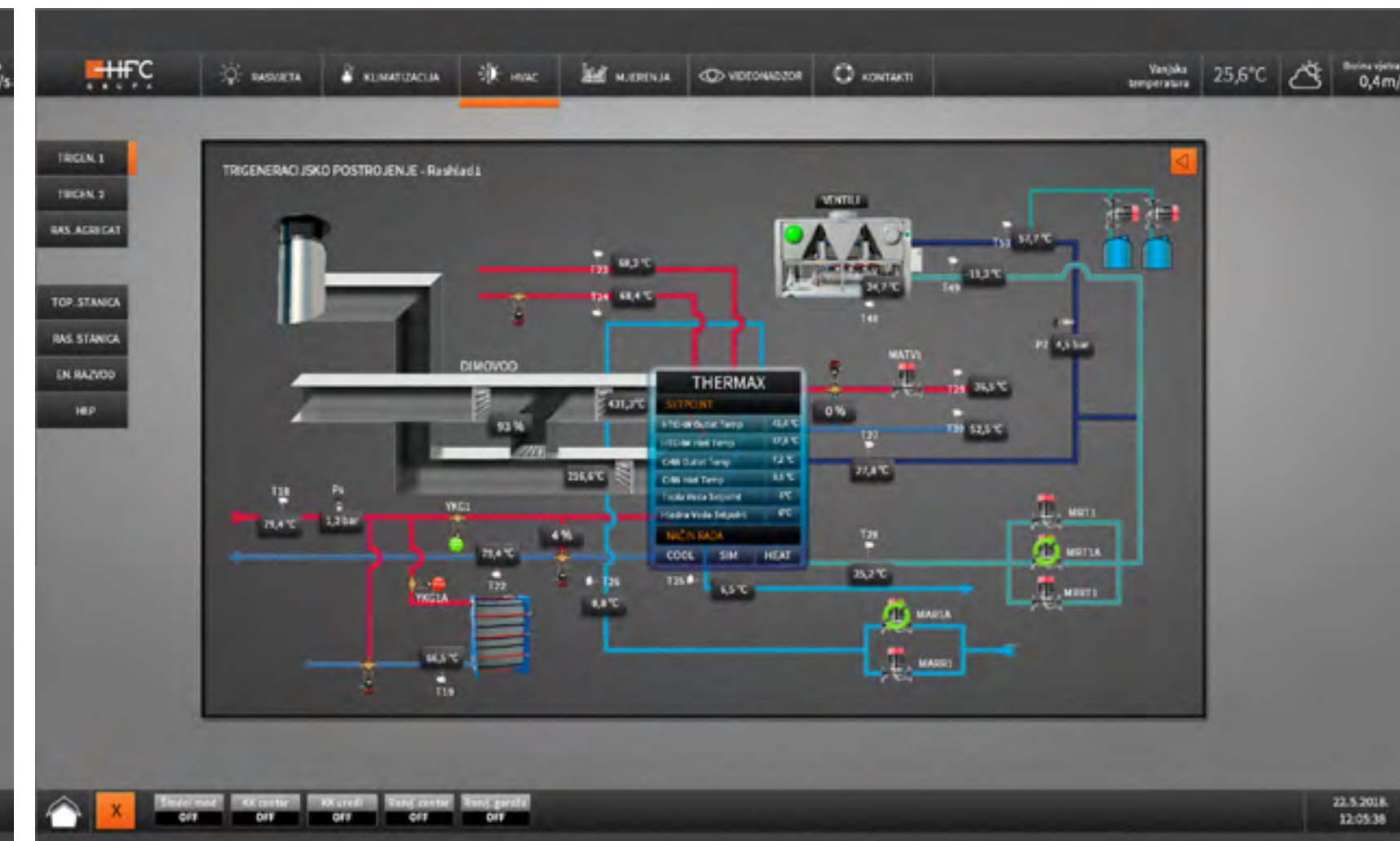
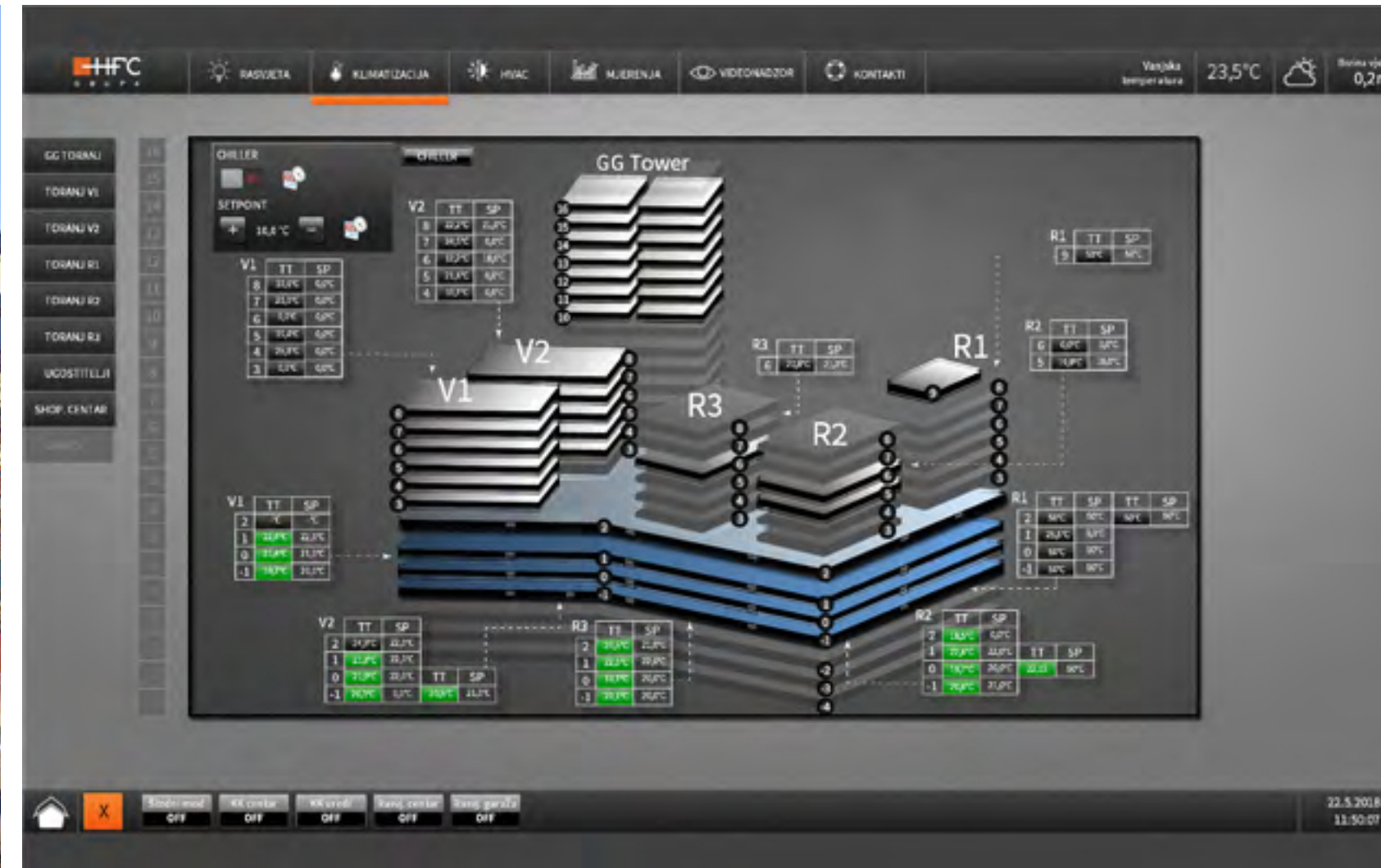
Croatia

**NETx**  
AUTOMATION

KNX | BACnet | Modbus | M-Bus

lighting | HVAC

3,000 data points | 8 gateways





Shopping mall

# Marina Mall

Abu Dhabi

KNX

lighting

10,000 data points





# Commercial buildings

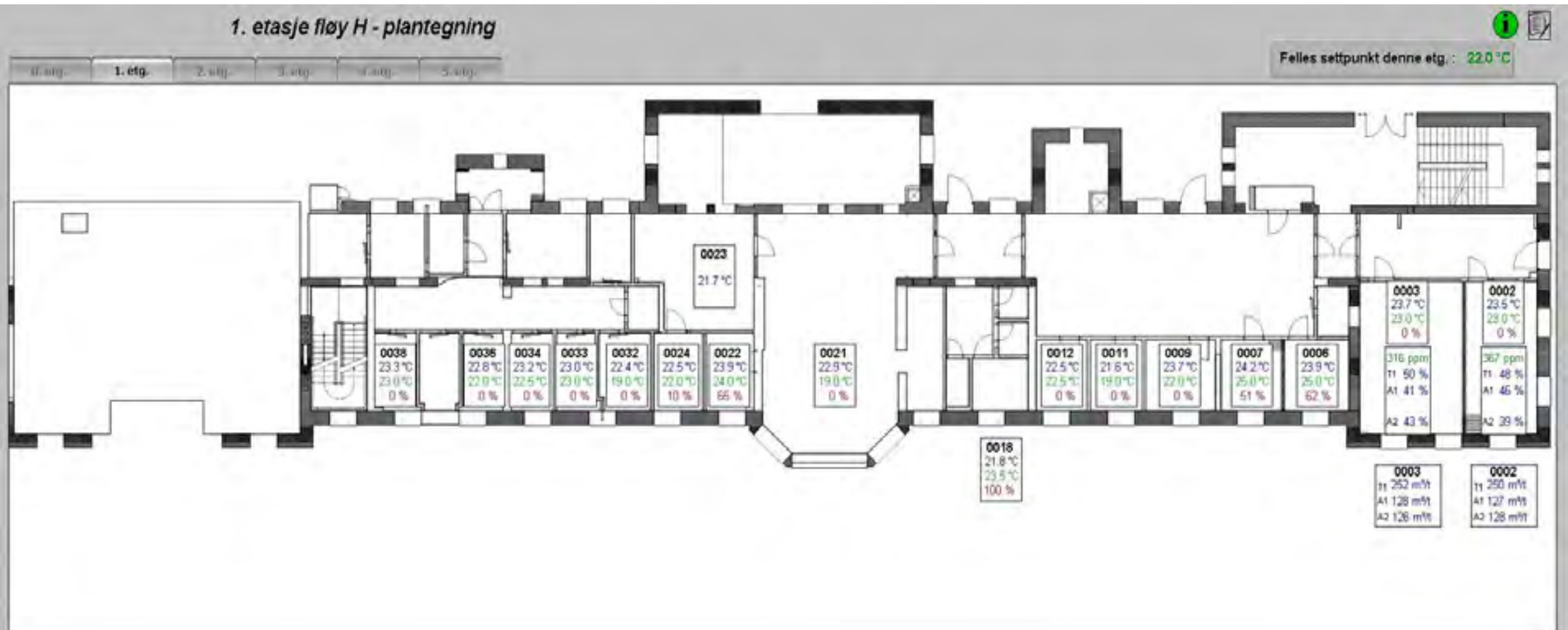
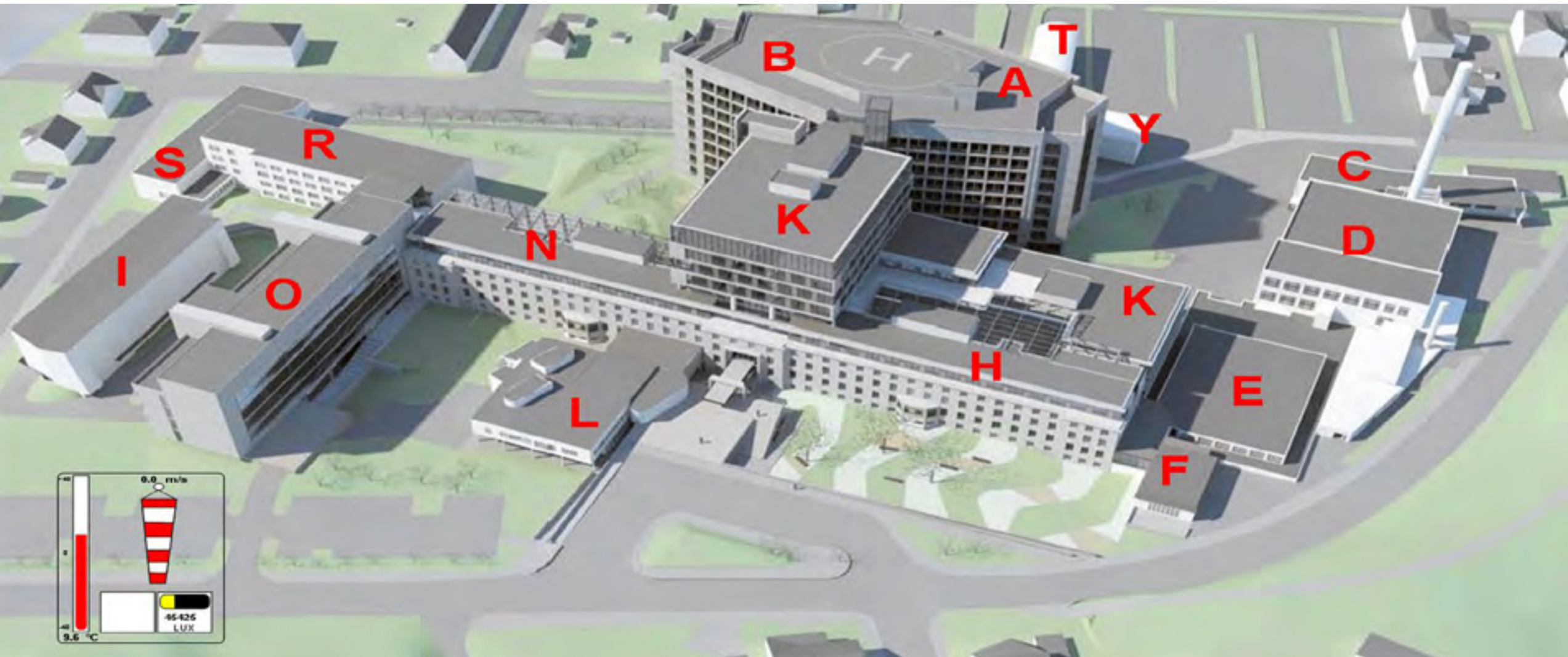


Hospital

# NLSH Nordlandssykehuset

Norway

KNX | Modbus  
HVAC | shading | weather station | glassroof control  
5,000 data points





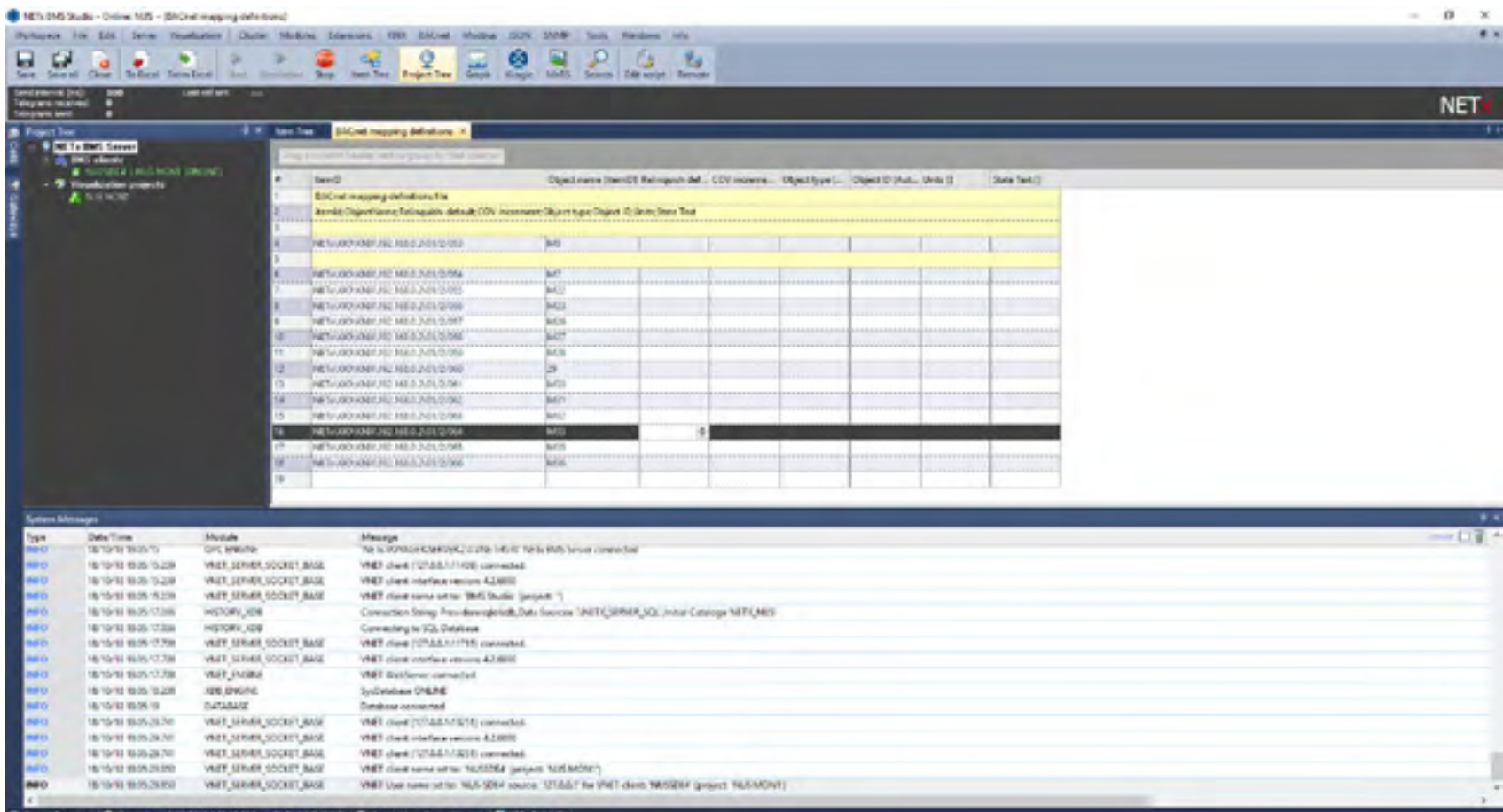
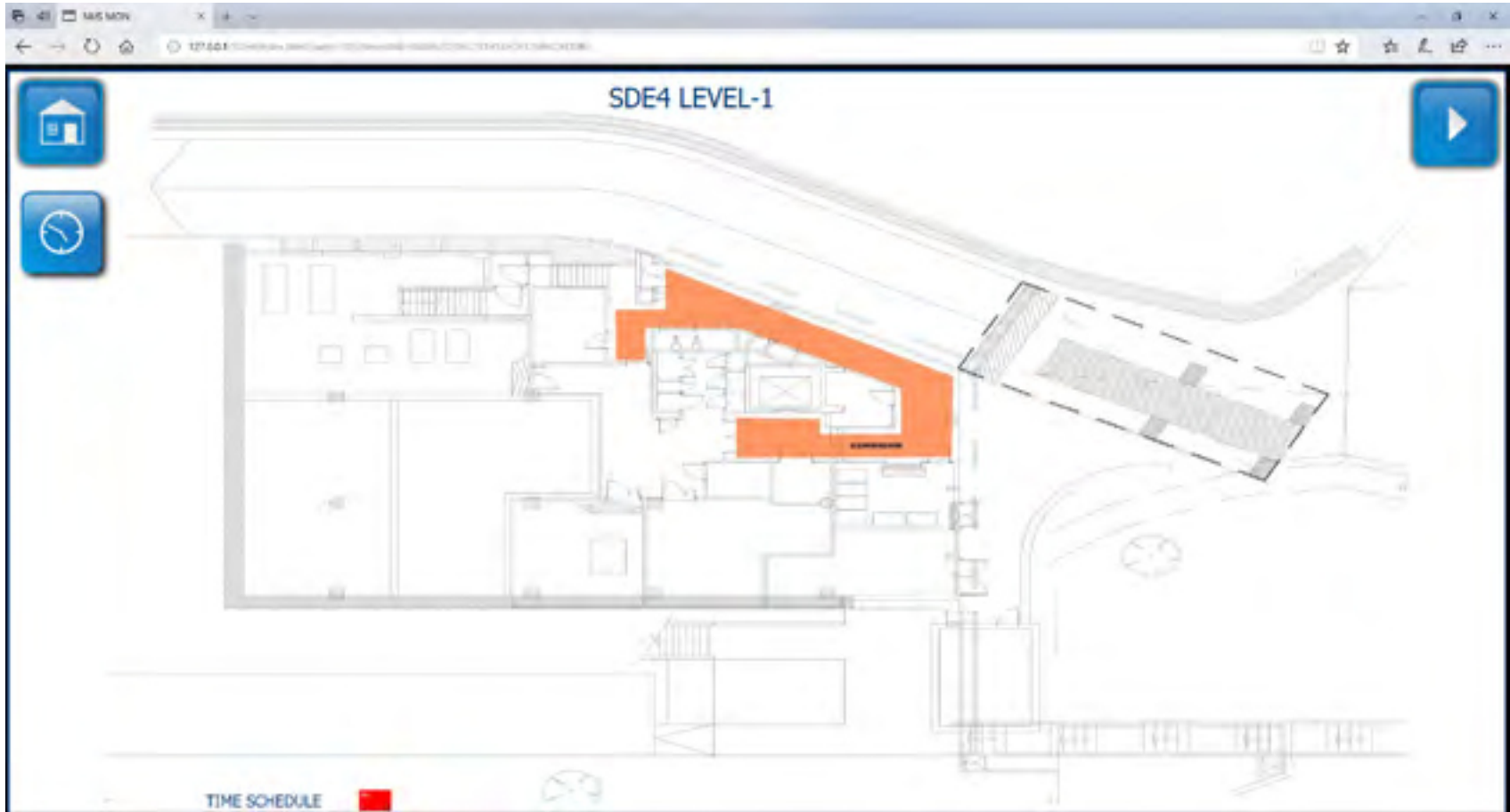
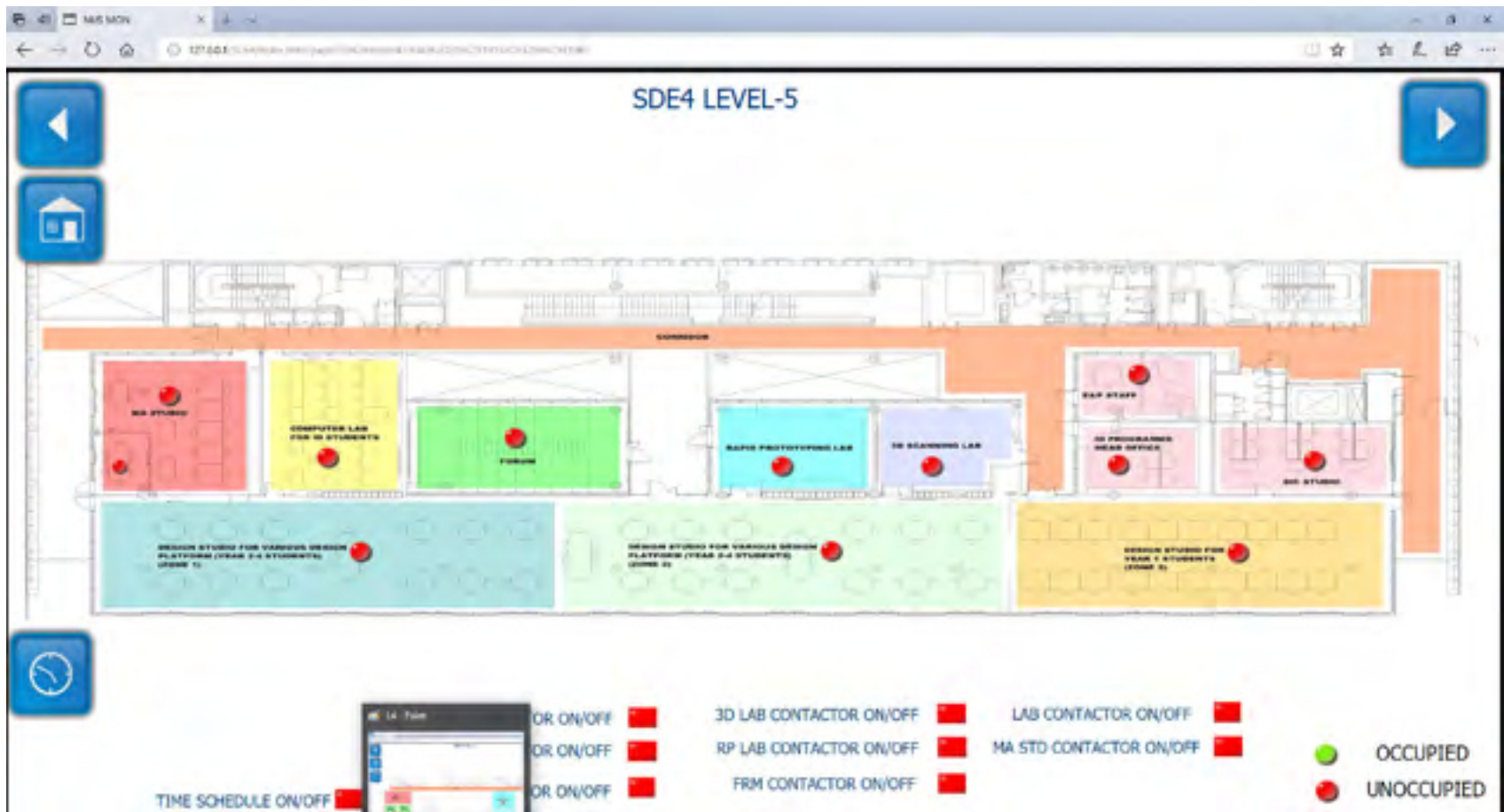
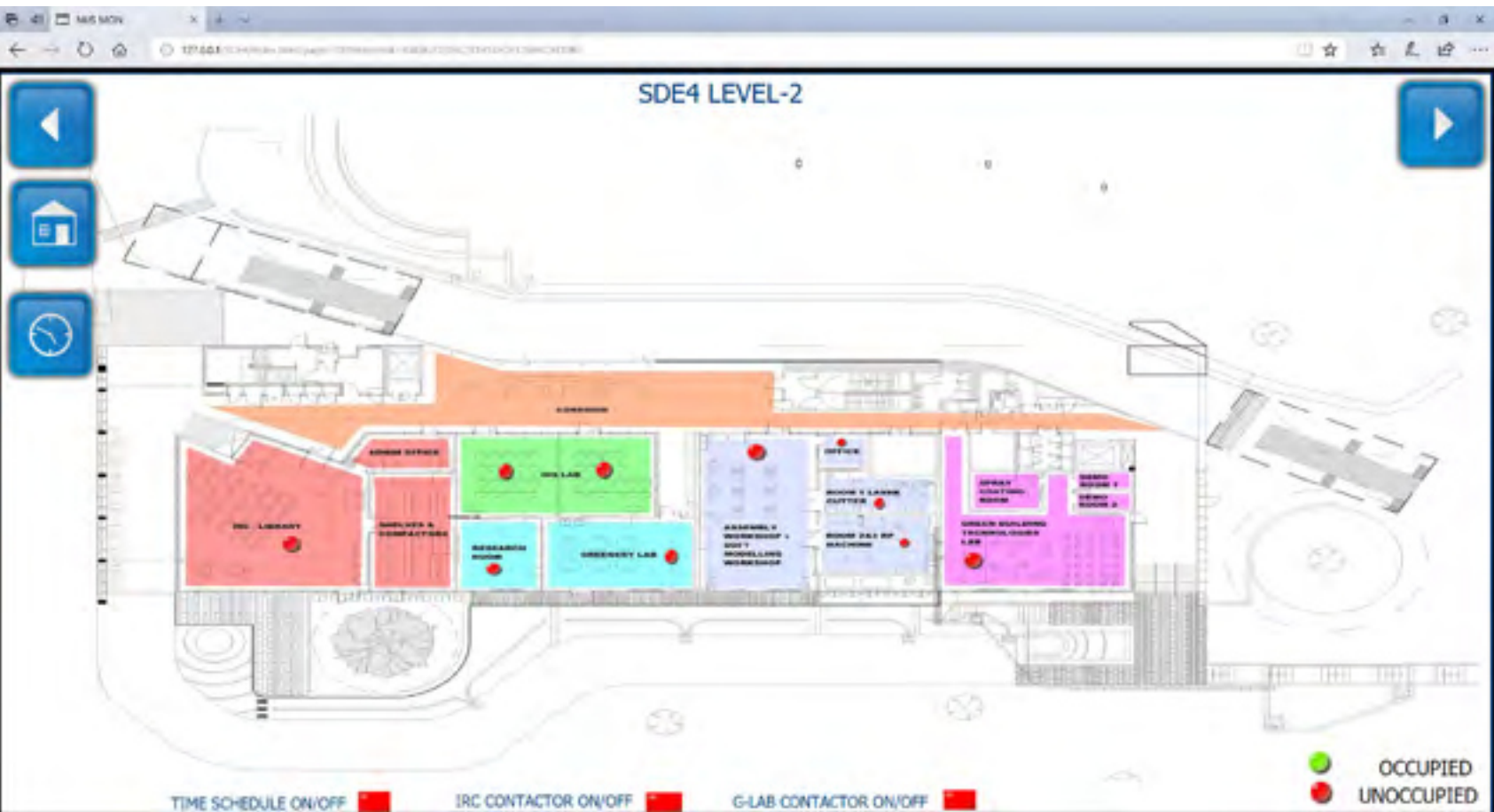
School

# SD4 - School of Design & Environment

Singapore



KNX | BACnet | Modbus | DALI  
lighting | HVAC  
1,000 data points / 500 group addresses





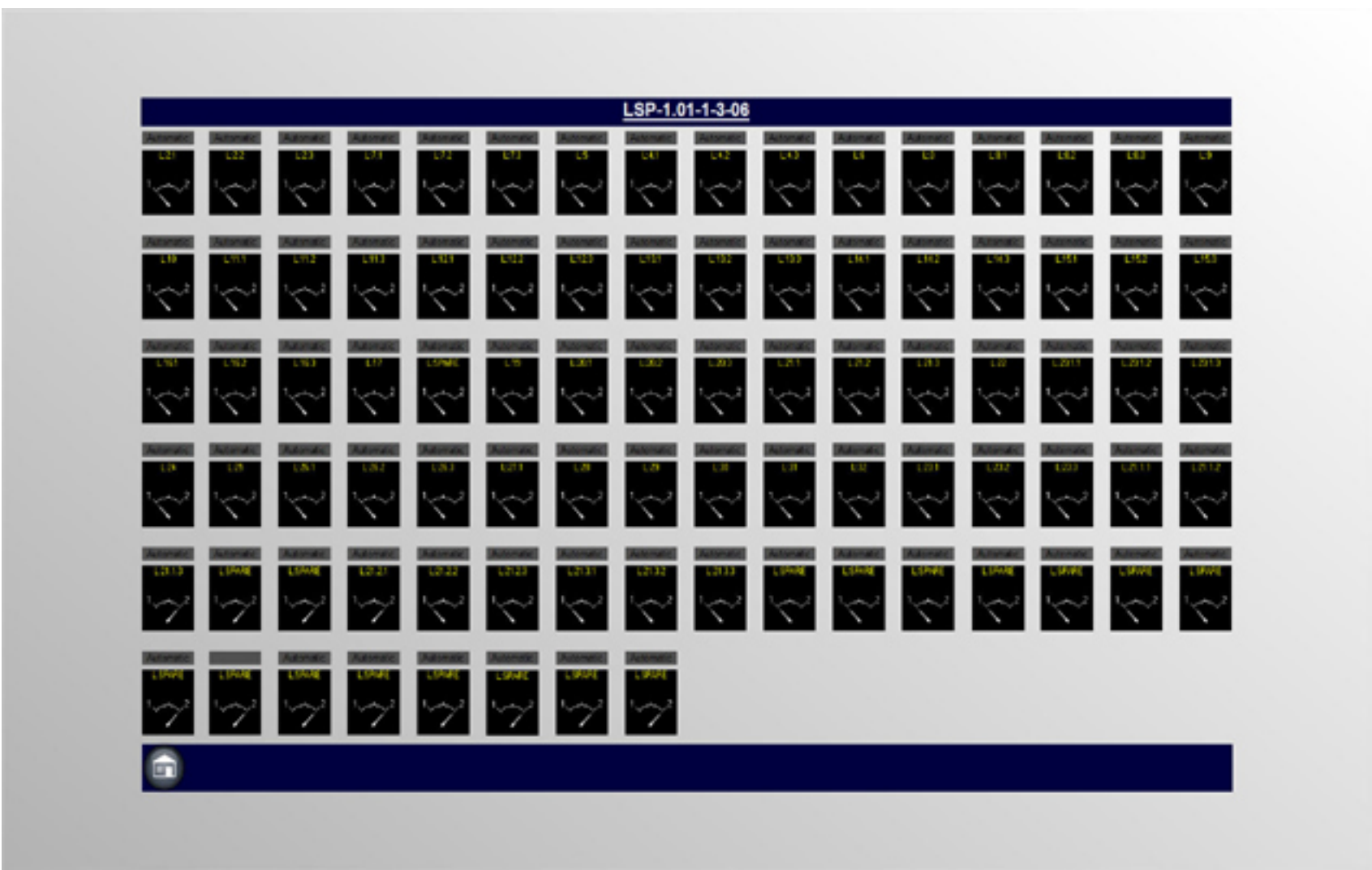
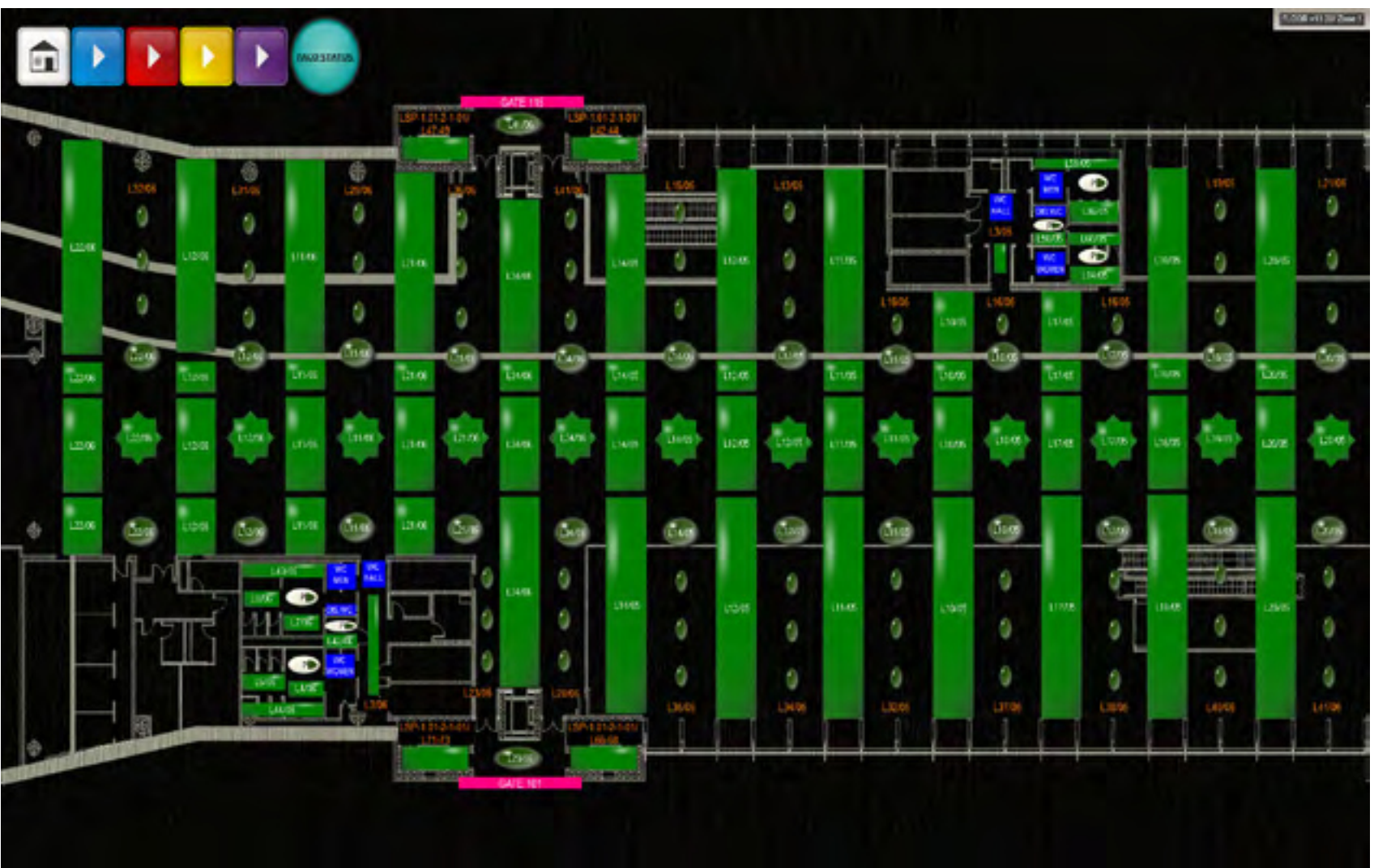
# Ashgabat Int. Aiport

Turkmenistan

KNX

lighting

12,000 data points | 789 KNX devices | 1447 KNX modules | 10 gateways





Port

# Port of Antwerp

Belgium

KNX

lighting | fire detection | intrusion detection

25,000 data points

