

KNX

BACnet

Modbus

OPC

SNMP

Fidelio/Opera Protel
VingCard Kaba Salto

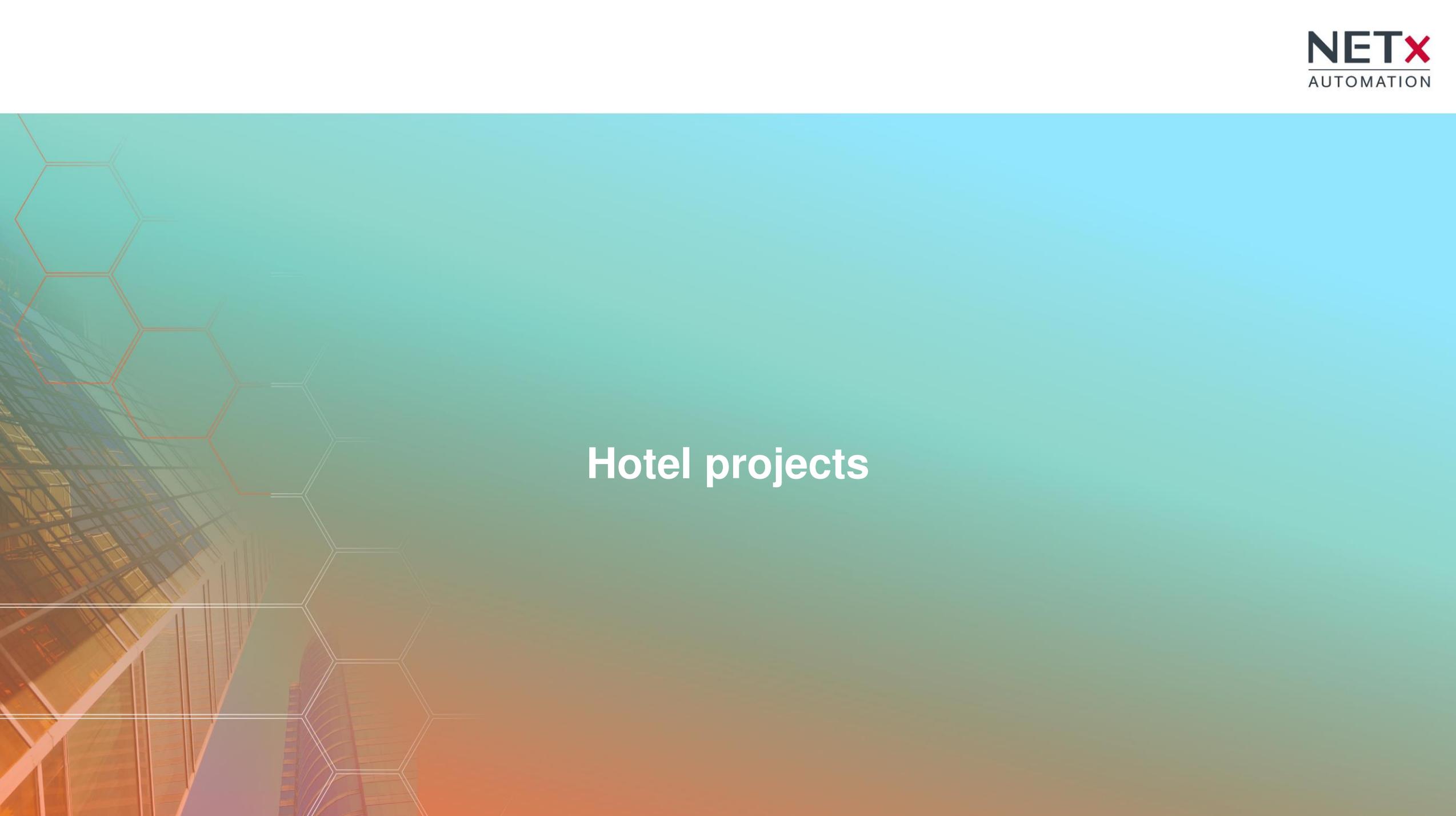
DALI EnOcean
M-Bus DMX

Proprietary solutions

// All-in-one

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

Used cases



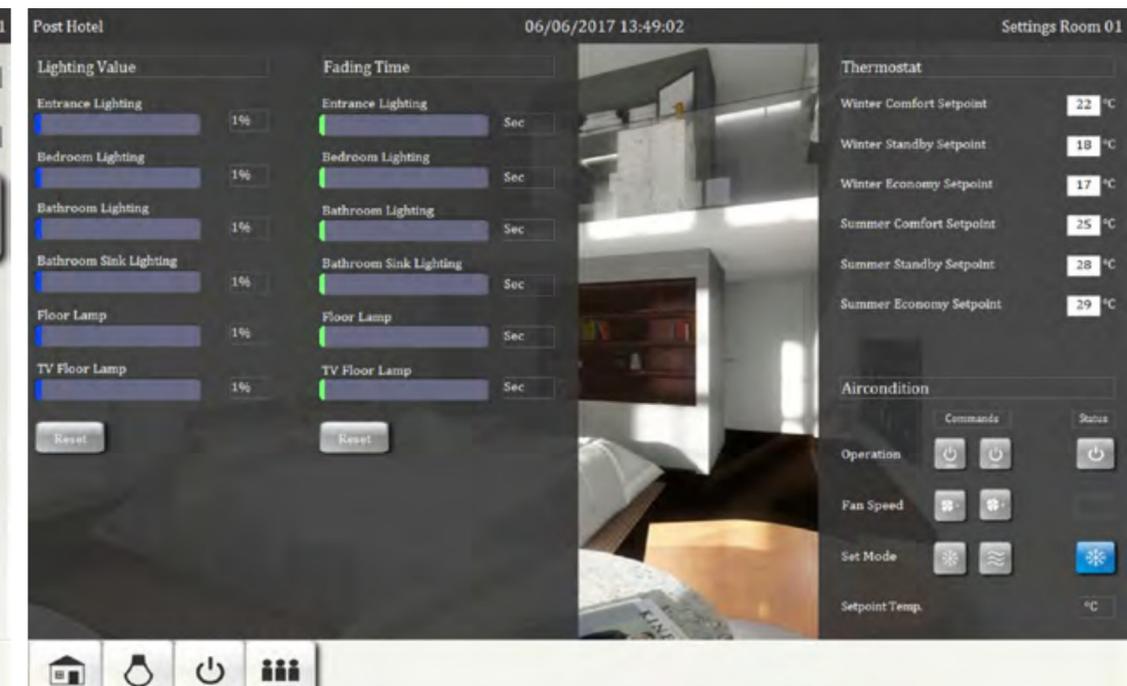
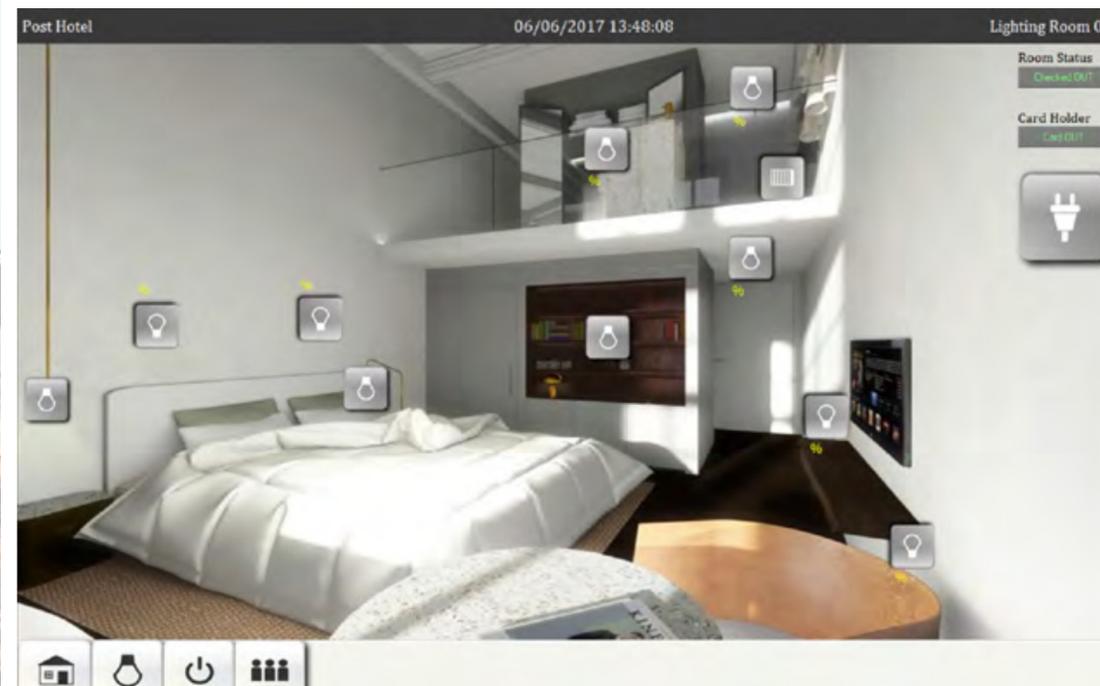
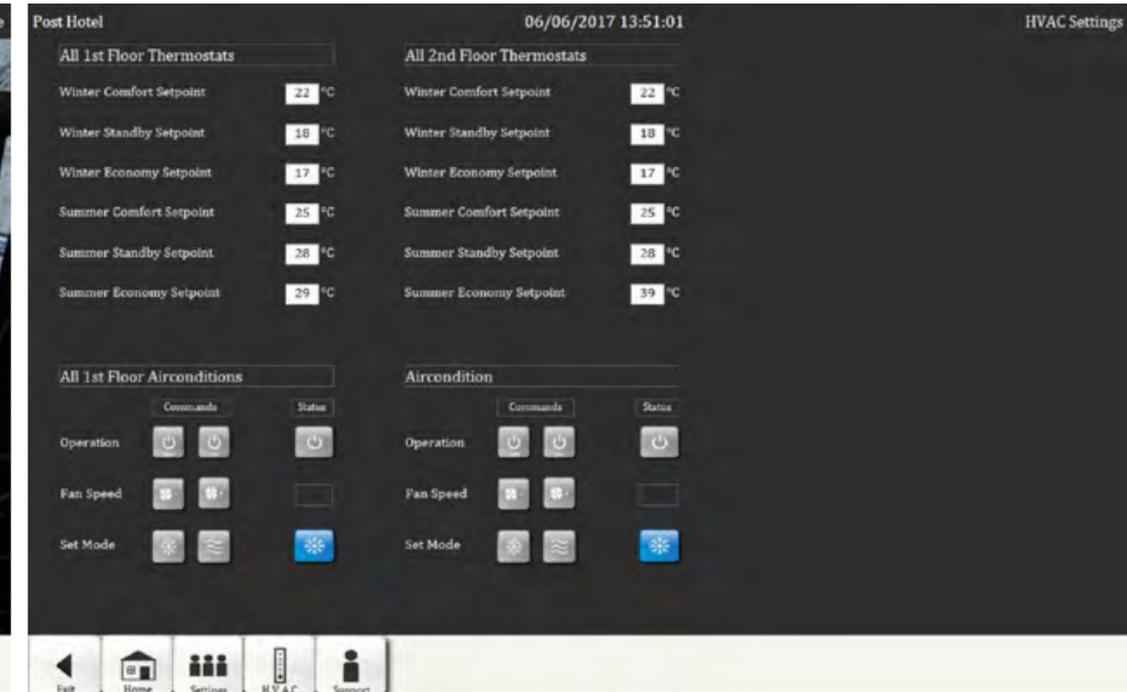
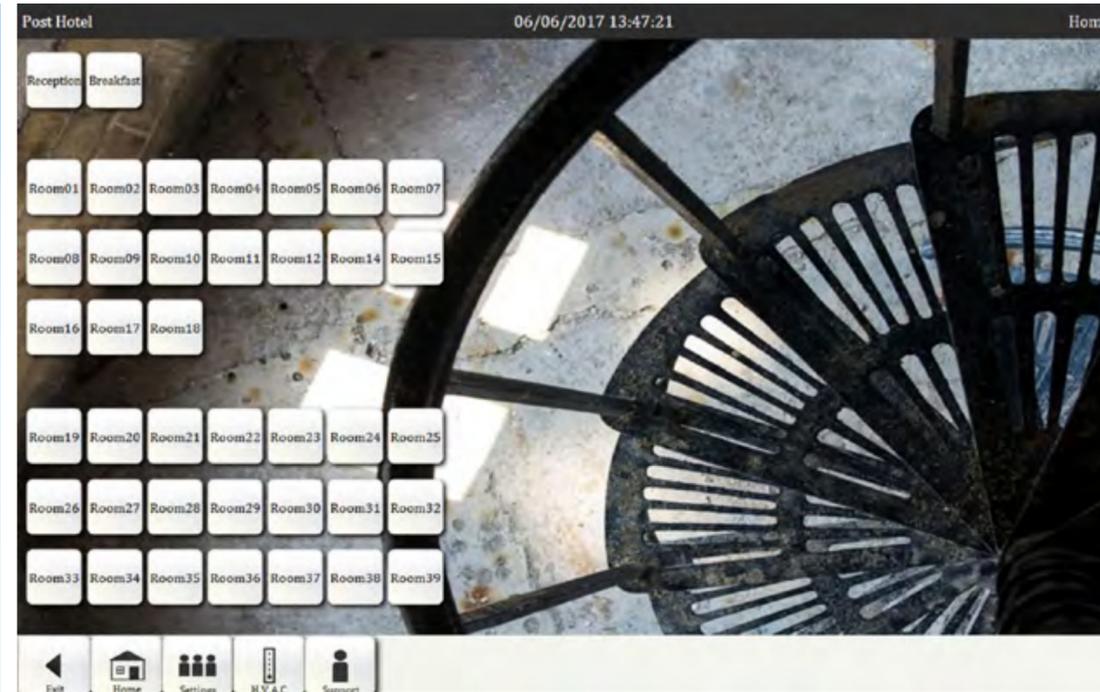
Hotel projects

Hotel

1898 The Post

Belgium

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



Hotel

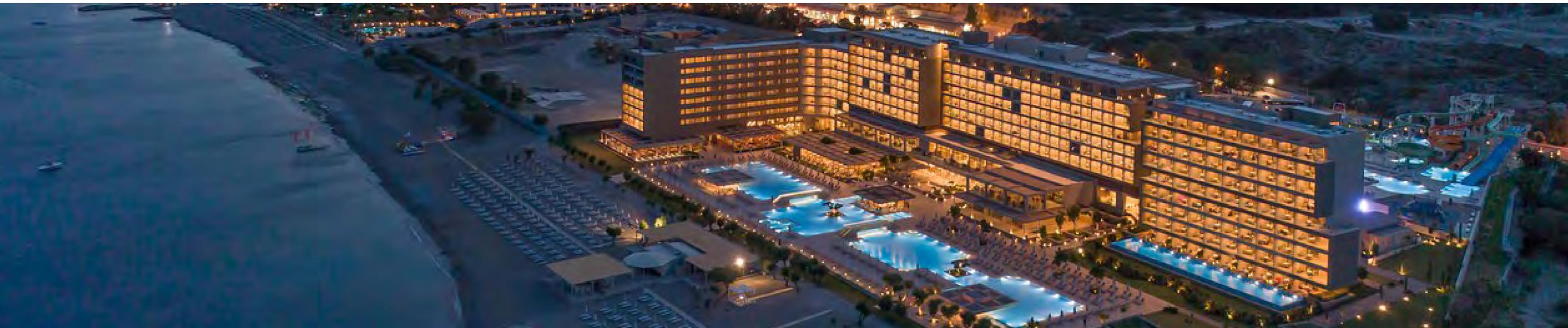
Amada Colossos Resort

Greece

KNX | DALI | Protel

lighting | HVAC | shading | access control

8,102 data points / 32,461 group addresses



Amada Colossus Resort
Lights Control System

Project Name: Spa
Page: Lights
User: Spa

Building YA85 | Outside Lights | Weather Station
Building YA77 | Time Schedules
Building N

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

Alarm OFF 11 04

BODY MASSAGE No1
Hidden OFF
Spot OFF

BODY MASSAGE No2
Hidden OFF
Spot OFF

FACE MASSAGE
Hidden OFF
Spot OFF

MANICURE
Hidden OFF
Spot OFF

COUPLE MASSAGE
Hidden OFF
Spot OFF

RELAXING AREA
Hidden OFF
Spot OFF
Rocks OFF

JACUZZI
Hidden OFF
Spot OFF
Rocks OFF

DRESSING ROOM
Hidden OFF
Spot OFF
Spot entrance OFF
Spot Saouna - Hamman OFF

DRESSING ROOM WOMEN
Hidden OFF
Spot OFF
Spot entrance OFF

CORRIDOR
Reception OFF
Spot OFF
Hidden OFF

Storage 1 OFF | Storage 2 OFF | Spot vitrina OFF | Hidden Reception OFF

Master ON - OFF

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

Alarm OFF 11 06

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

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												
DND												
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												
DND												
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												
DND												
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												
DND												
MMR												
Room 4084	Room 4085	Room 4086	Room 4087	Room 4088	Room 4089	Room 4090	Room 4091					
Card in												
DND												
MMR												

Hotel

Ilunion Hotel

Spain

KNX

lighting | HVAC

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



PLANTA SÓTANO -1					
ILUMINACIÓN	MANIOBRA	ESTADO	ILUMINACIÓN	MANIOBRA	ESTADO
Aseos Cabina P-1	On	●	Forum 1 Cabecera	Dim	100 %
Baño Hombres	On	●	Forum 1 Lateral Patio	Dim	%
Baño Mujeres	On	●	Forum 1 Rail Cabecera	Dim	%
Ejecutivo Focos Rail	Dim	● 50 %	Forum 1 Rail Laterales	Dim	%
Ejecutivo halo. Techo Impar	Dim	● 75 %	Forum 1 Techo Directo	Dim	100 %
Ejecutivo halo. Techo Par	Dim	● 100 %	Forum 1 Techo Indirecto	Dim	100 %
Distribuidor Salones	Dim	● 100 %	Forum 2 Cabecera	Dim	22 %
Tribuna Focos Rail	Dim	● 100 %	Forum 2 Lateral Patio	Dim	100 %
Tribuna Halo. Techo Par	Dim	● 100 %	Forum 2 Rail Cabecera	Dim	%
Tribuna Halo. Techo Impar	Dim	● %	Forum 2 Rail Laterales	Dim	6 %
Convenciones Focos Rail	Dim	● 100 %	Forum 2 Techo Directo	Dim	100 %
Convenciones halo. Impar	Dim	● 100 %	Forum 2 Techo Indirecto	Dim	100 %
Convenciones Halo. Par	Dim	● 100 %	Consejo Focos Rail	Dim	75 %
Pasillo Cliente -1	On	●	Consejo halo. Techo Impar	Dim	100 %
Pasillo Clientes Final	Dim	● 100 %	Consejo halo. Techo Par	Dim	100 %
Ventanas Lucernario	Abrir	☰			

Diagram showing HVAC system components: CALDERAS, ESQ. PISCINA, GRUPOS DE FRÍO, IMPUL. CALOR, IMPUL. FRÍO, RETORNO ACS, TANGUES ACUM. The diagram includes heat pumps (Calor Clima 1 - Cubierta, Calor Clima 2 - Entreplanta, Calor Fancoil 2 - Ver, Calor Fancoil 1 - Puert) and a control panel for fan coils (M/P Gral. Calor Fancoil 1 - Puert) with buttons for 'Activar Bomba 1', 'Fallo Bomba 1', 'Activar Bomba 2', and 'Fallo Bomba 2'.

Diagram showing pool HVAC system components: Piscina, B. Primaria Piscina, B. Secundaria Piscina. The diagram includes a boiler (Bomba) and various pumps and valves with temperature readings (e.g., 52,08 °C, 25,7 °C, 35, °C, 48,4 °C).

HABITACIONES PLANTA 6									
HABITACIÓN	OCUPAC.	T. Amb.	CLIMA	VENTANA	HABITACIÓN	OCUPAC.	T. Amb.	CLIMA	VENTANA
601	■	25,8 °C	🟢	☰	602	■	24,9 °C	🟢	☰
603	■	25,9 °C	🟢	☰	604	■	25,4 °C	🟢	☰
605	■	25,4 °C	🟢	☰	606	■	25,3 °C	🟢	☰
607	■	22,0 °C	🟡	☰	608	■	22,6 °C	🟡	☰
609	■	25,4 °C	🟢	☰	610	■	24,9 °C	🟢	☰
611	■	26,6 °C	🟢	☰	612	■	24,9 °C	🟢	☰
613	■	25,8 °C	🟢	☰	613	■	25,3 °C	🟢	☰
615	■	24,4 °C	🟢	☰	615	■	22,7 °C	🟢	☰
617	■	24,9 °C	🟢	☰	617	■	25,2 °C	🟢	☰
619	■	27,2 °C	🟢	☰	619	■	27,7 °C	🟢	☰
621	■	27,8 °C	🟢	☰	621	■	27,2 °C	🟢	☰
623	■	25,0 °C	🟢	☰	623	■	26,5 °C	🟢	☰
625	■	27,0 °C	🟢	☰	625	■	28,5 °C	🟢	☰
627	■	25,9 °C	🟢	☰	627	■	24,4 °C	🟢	☰
629	■	,0 °C	🟢	☰	629	■	24,9 °C	🟢	☰

Hotel

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



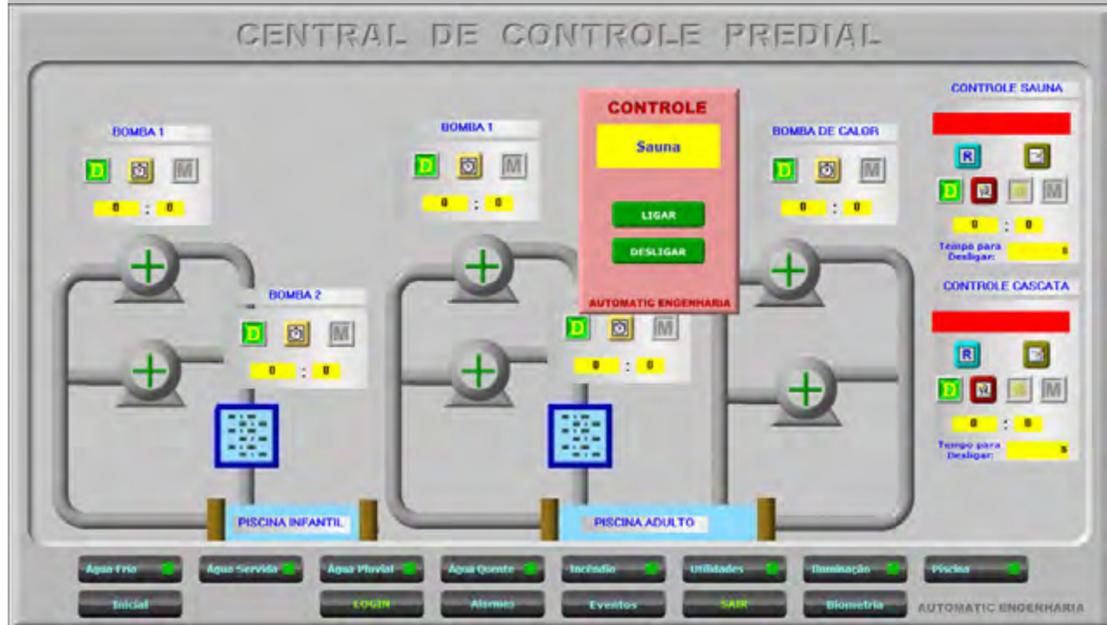
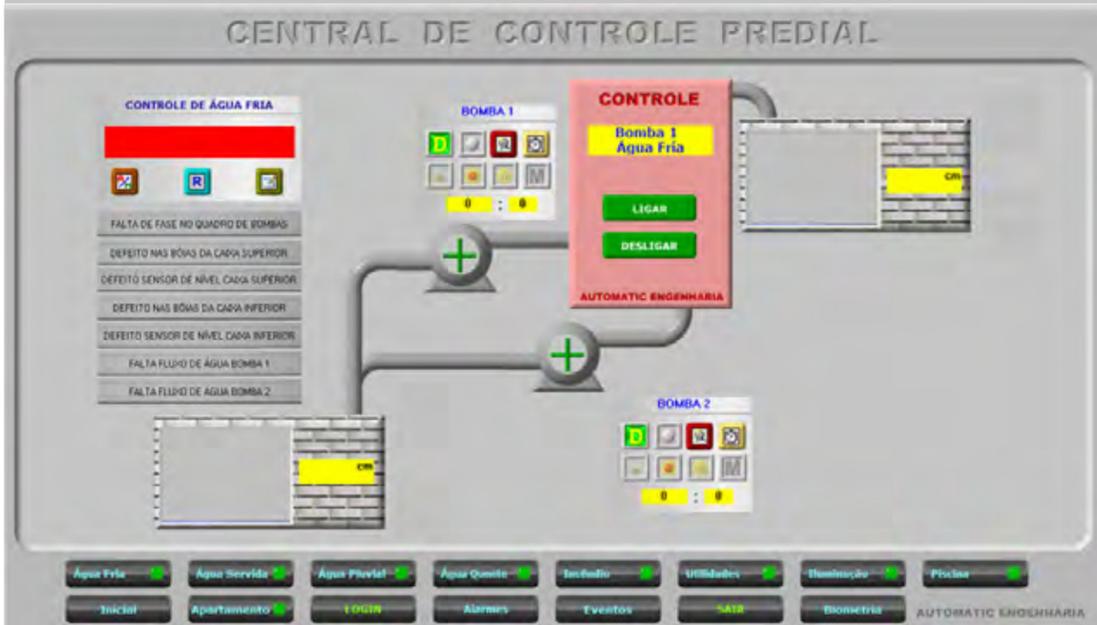
L'Essence Residential

Brazil

KNX

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

1,500 data points | 67 devices



Office buildings

Office building

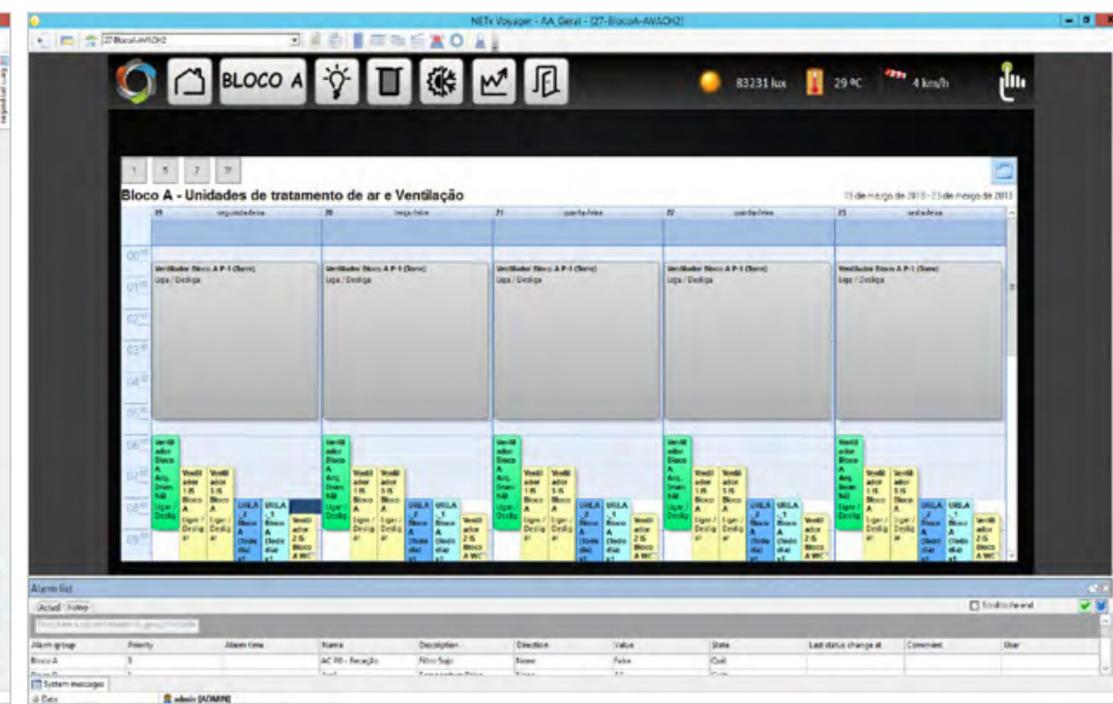
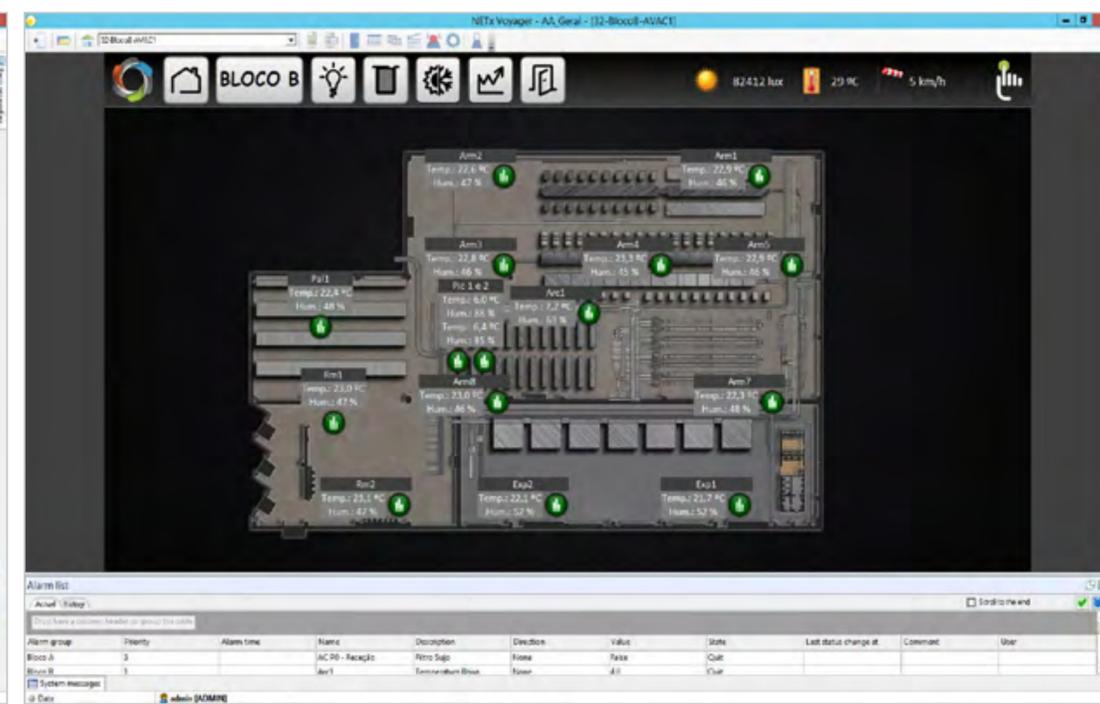
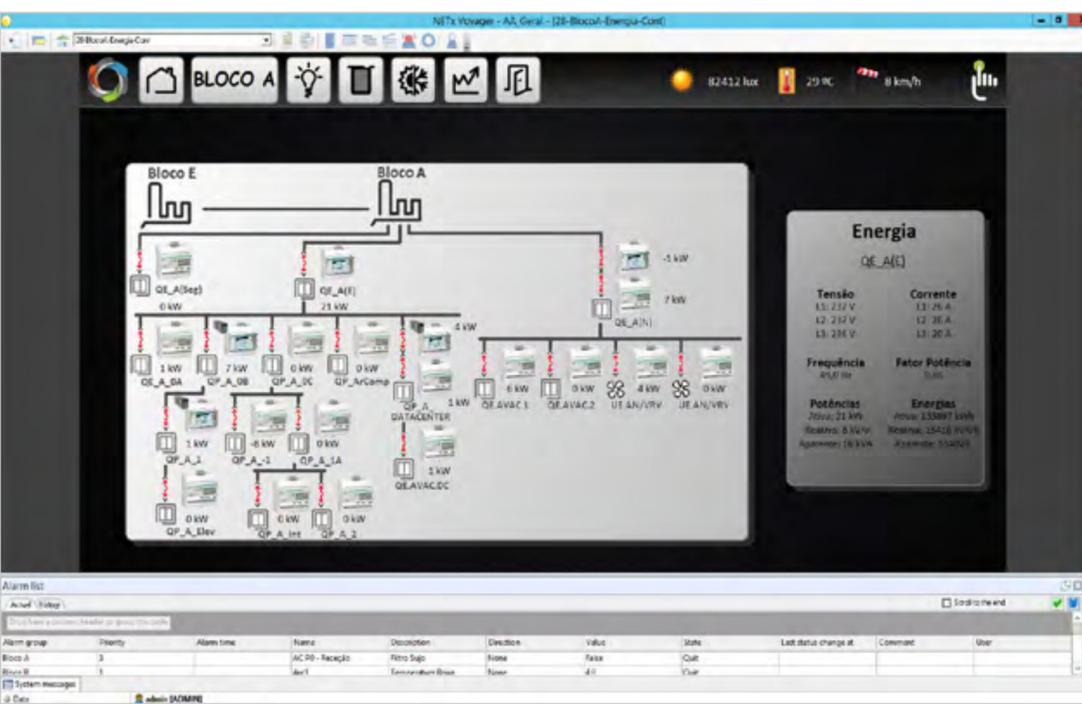
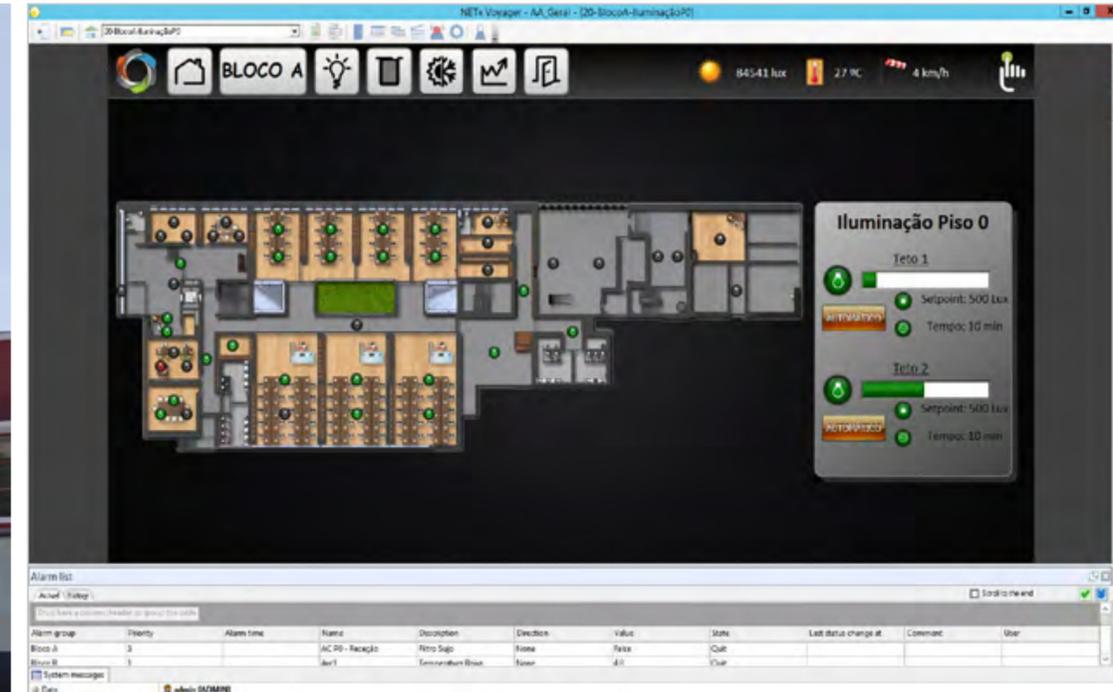
Novas Instalações Plural

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



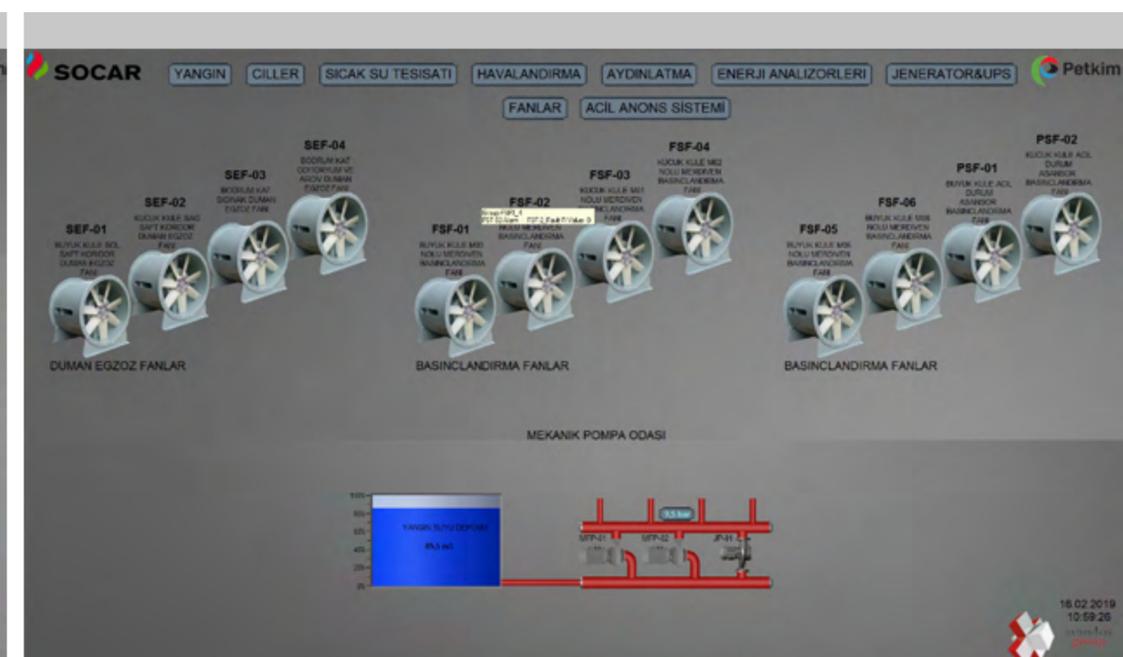
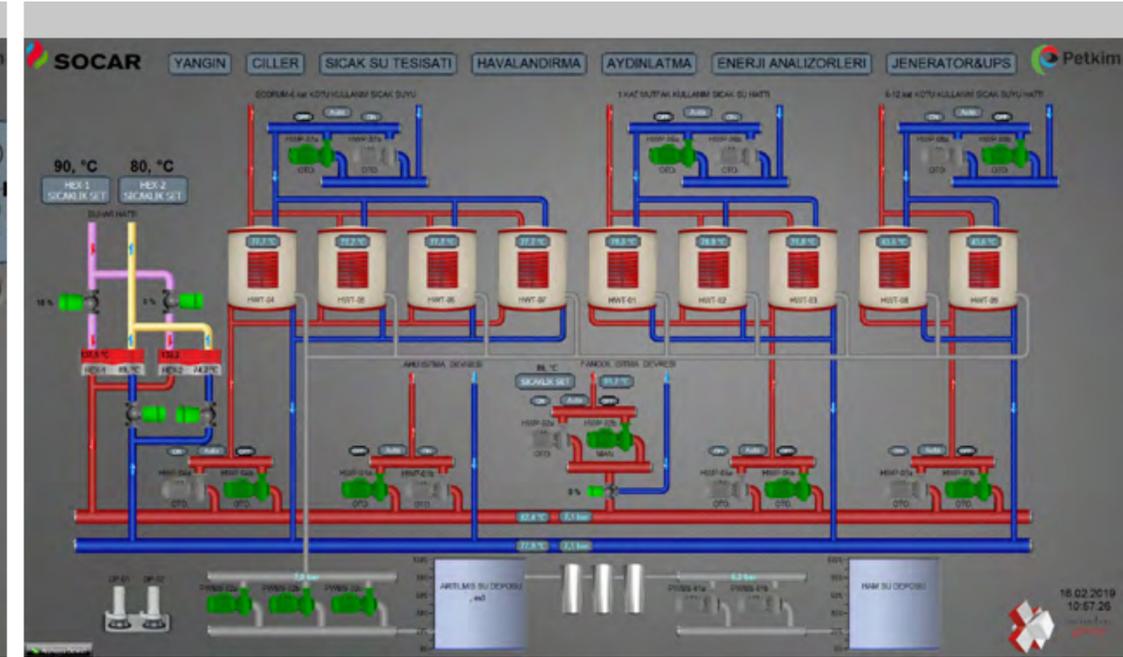
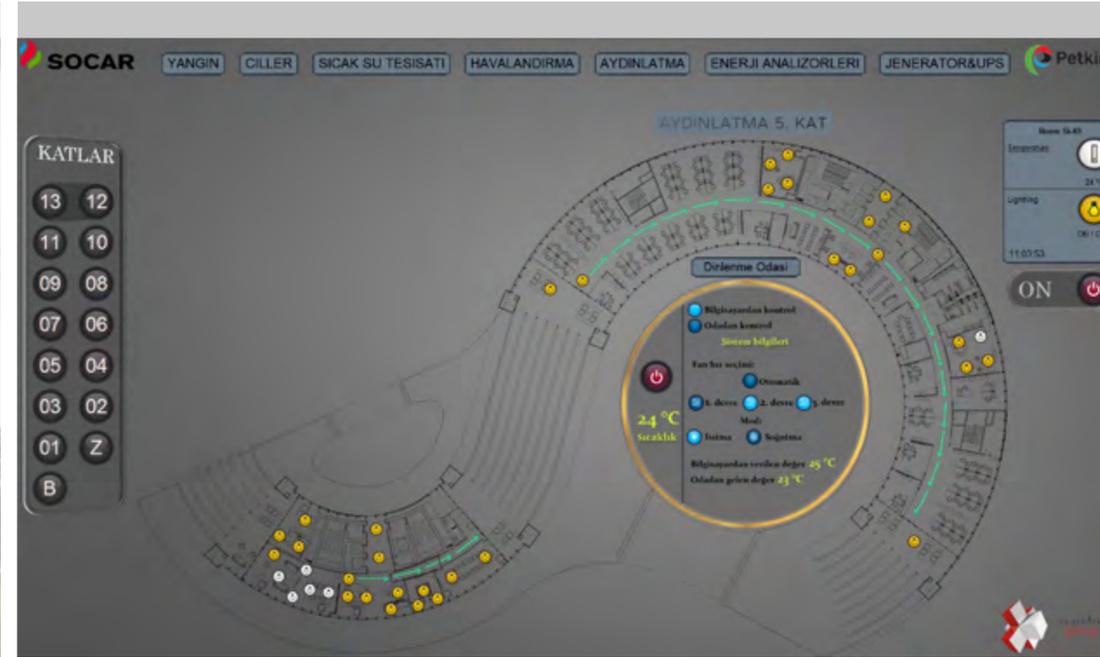
Office building

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



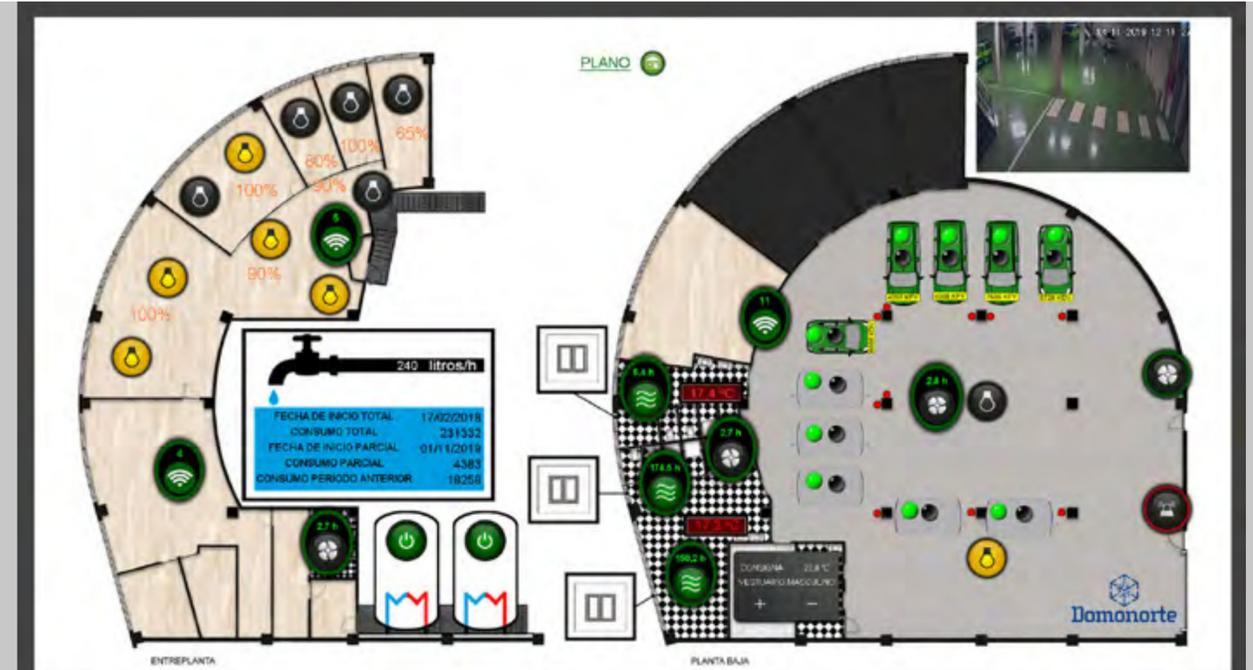
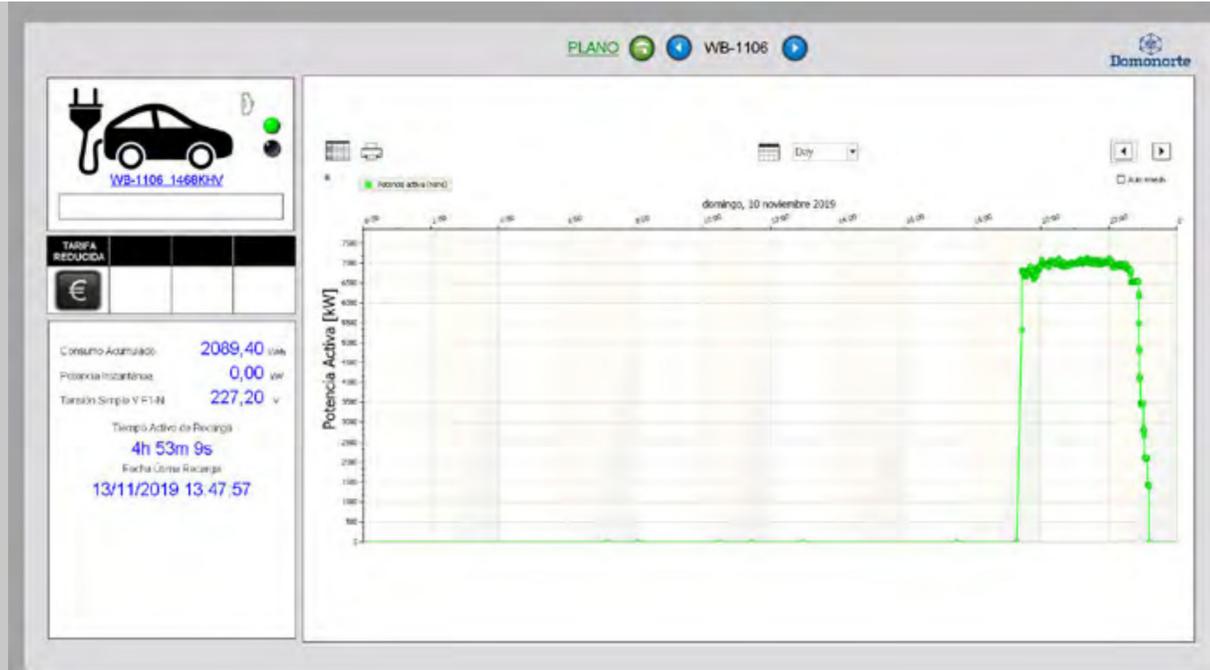
Electric charging station

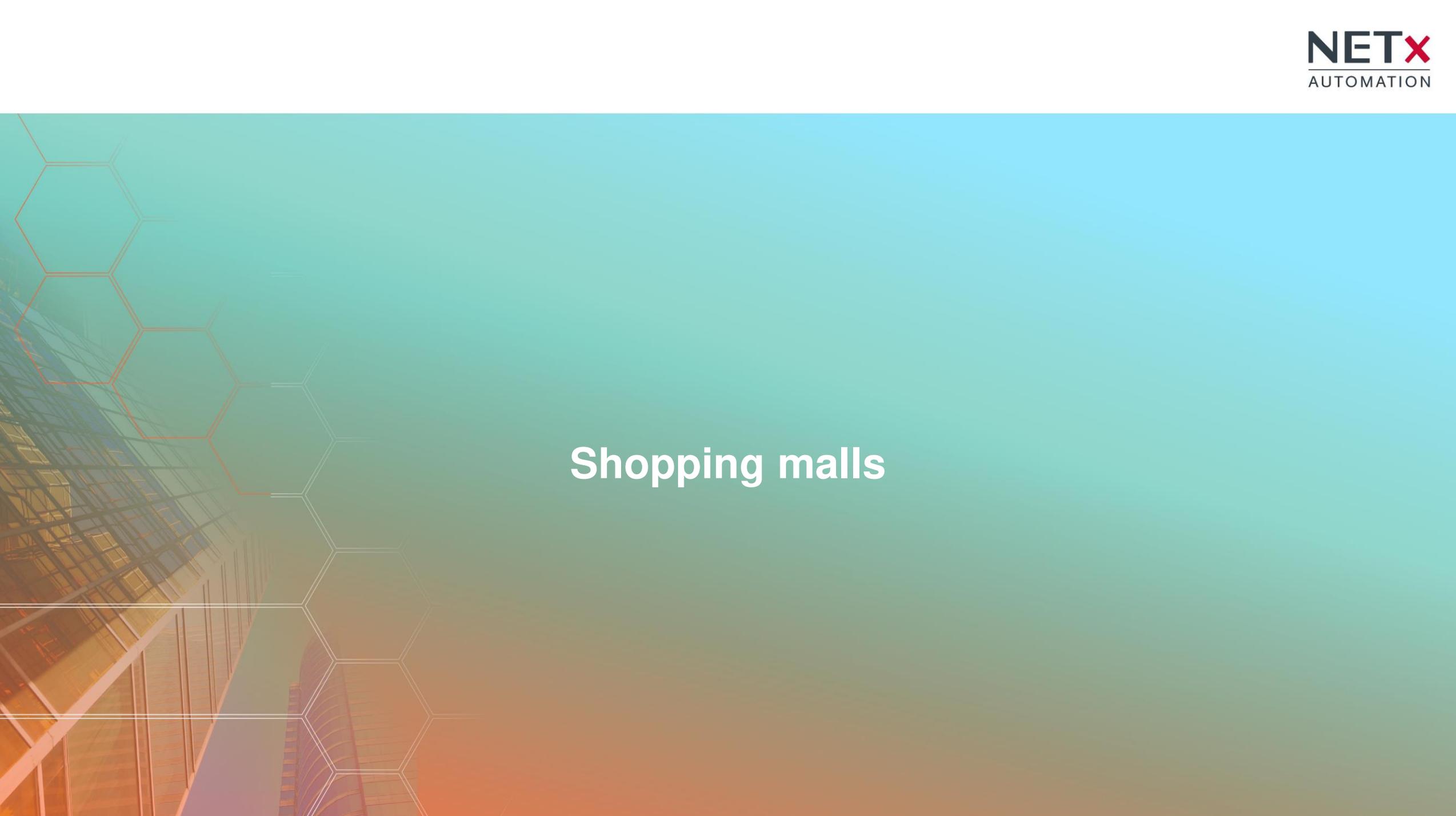
Spain

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

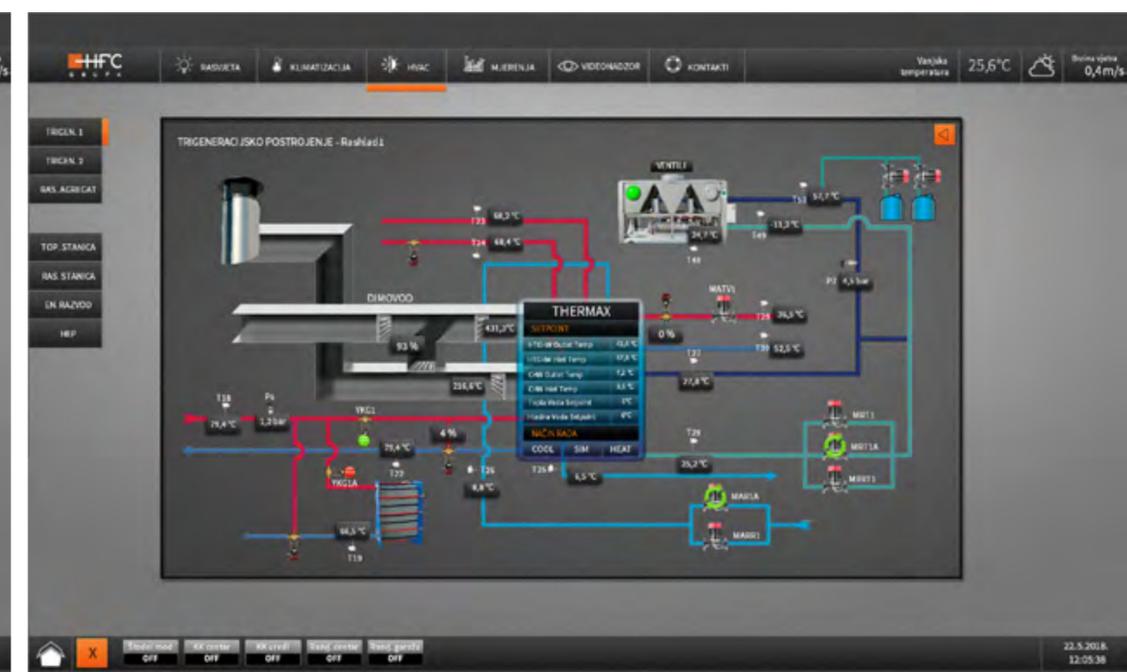
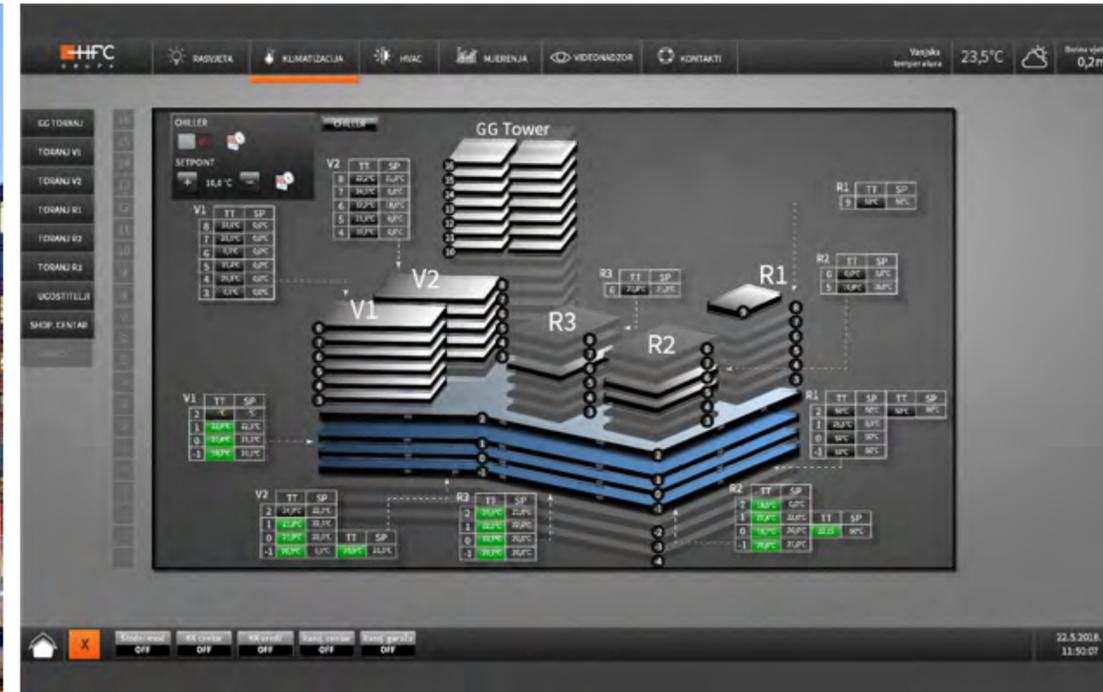


Shopping mall

Green Gold

Croatia

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

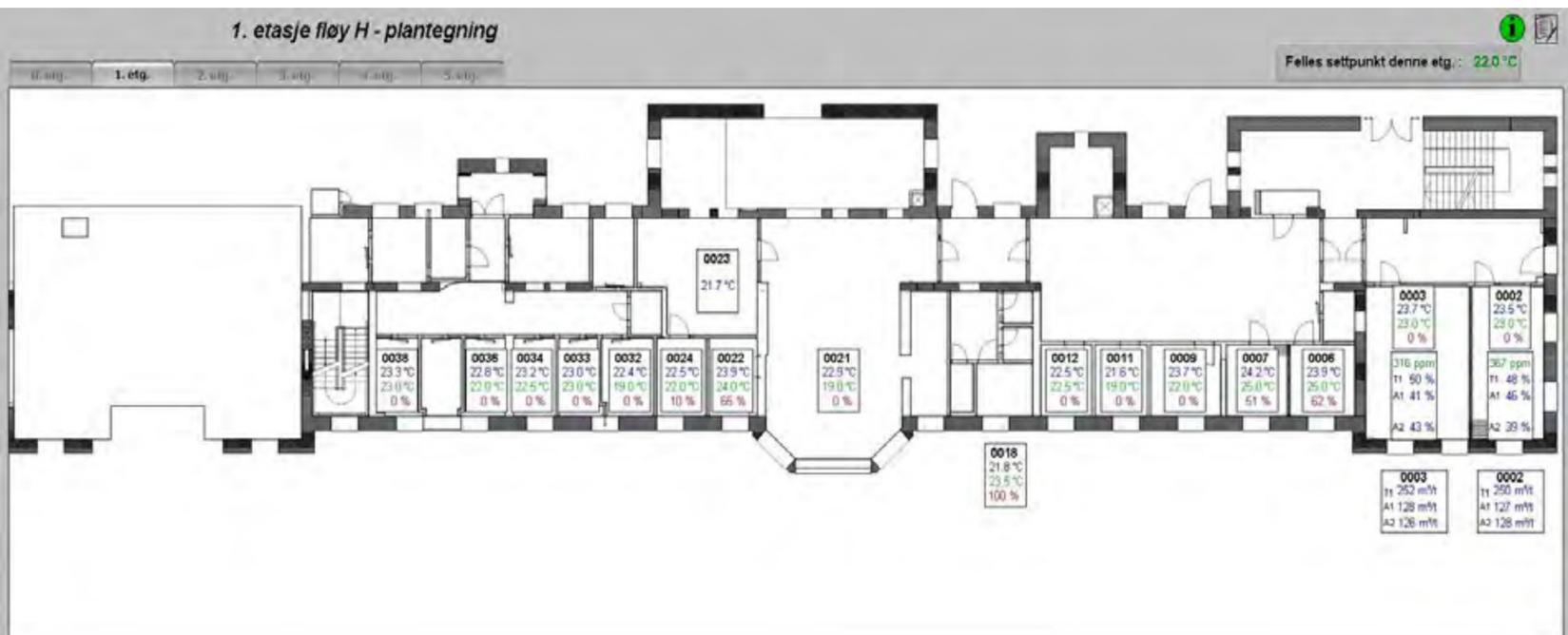
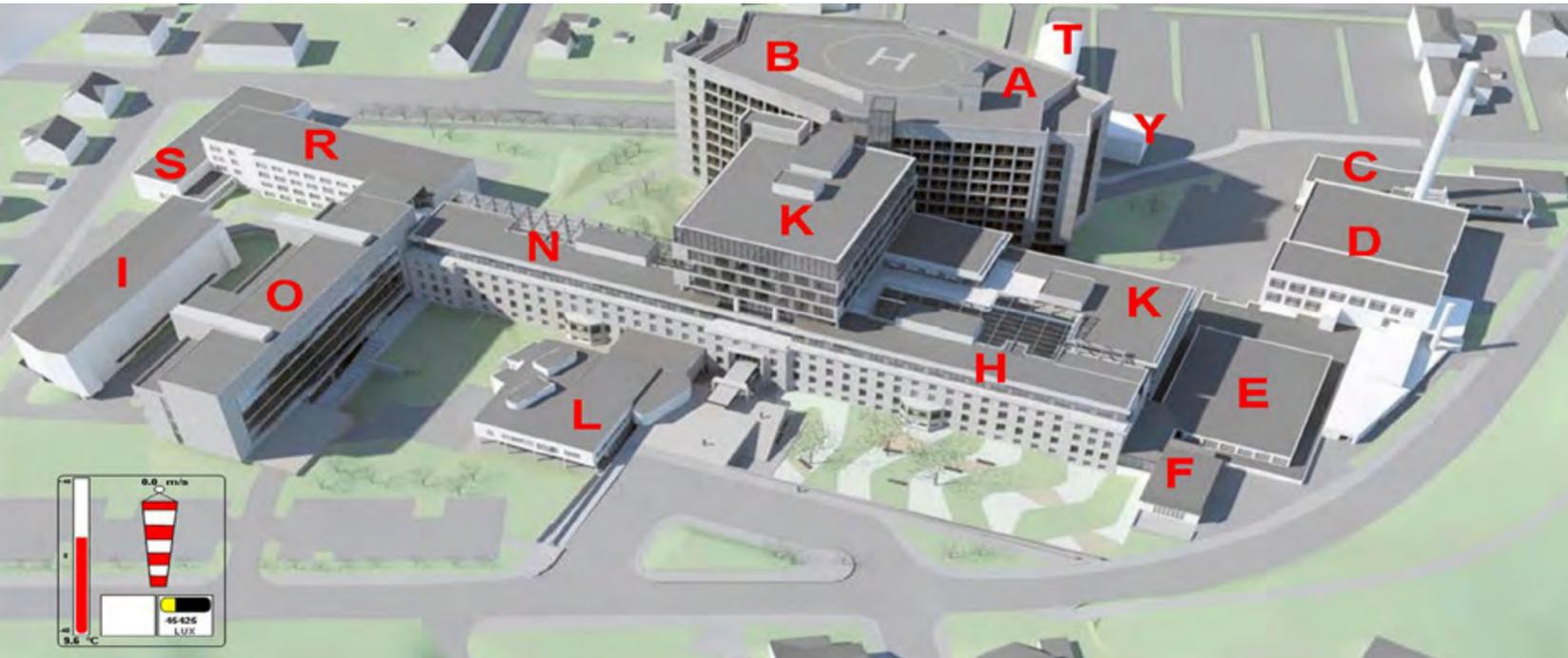
NLSH Nordlandssykehuset

Norway

KNX | Modbus

HVAC | shading | weather station | glassroof control

5,000 data points



School

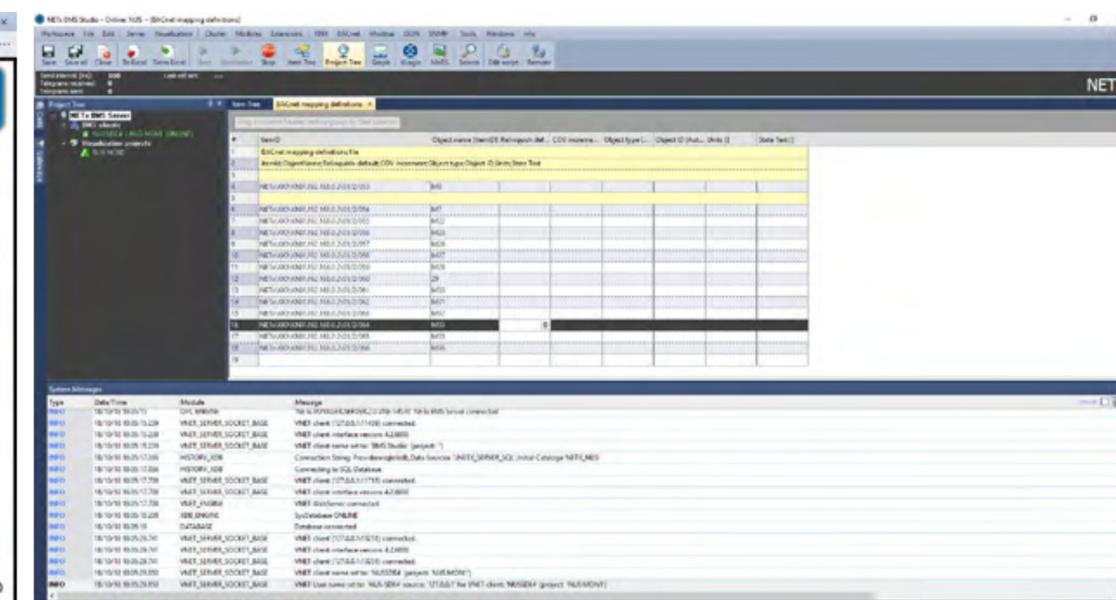
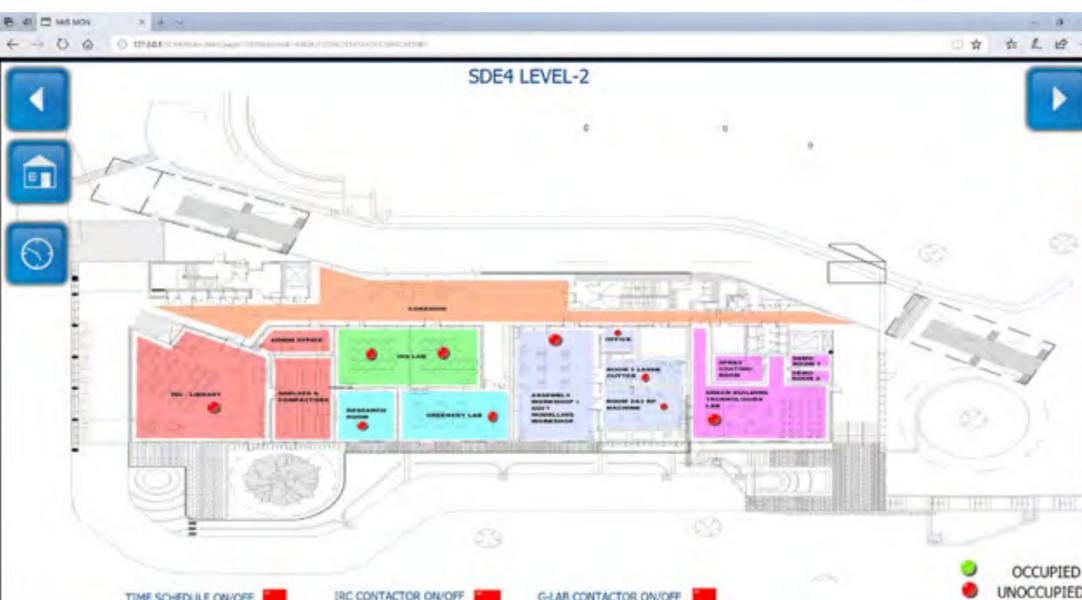
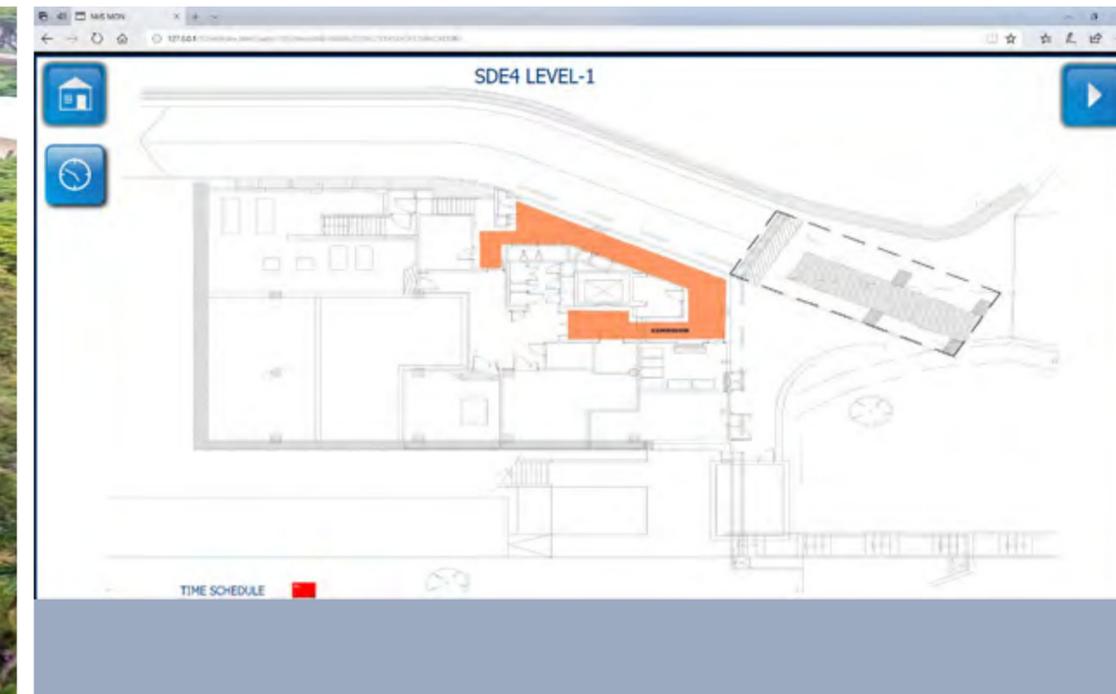
SD4 - School of Design & Environment

Singapore



KNX | BACnet | Modbus | DALI
lighting | HVAC

1,000 data points / 500 group addresses



Airport

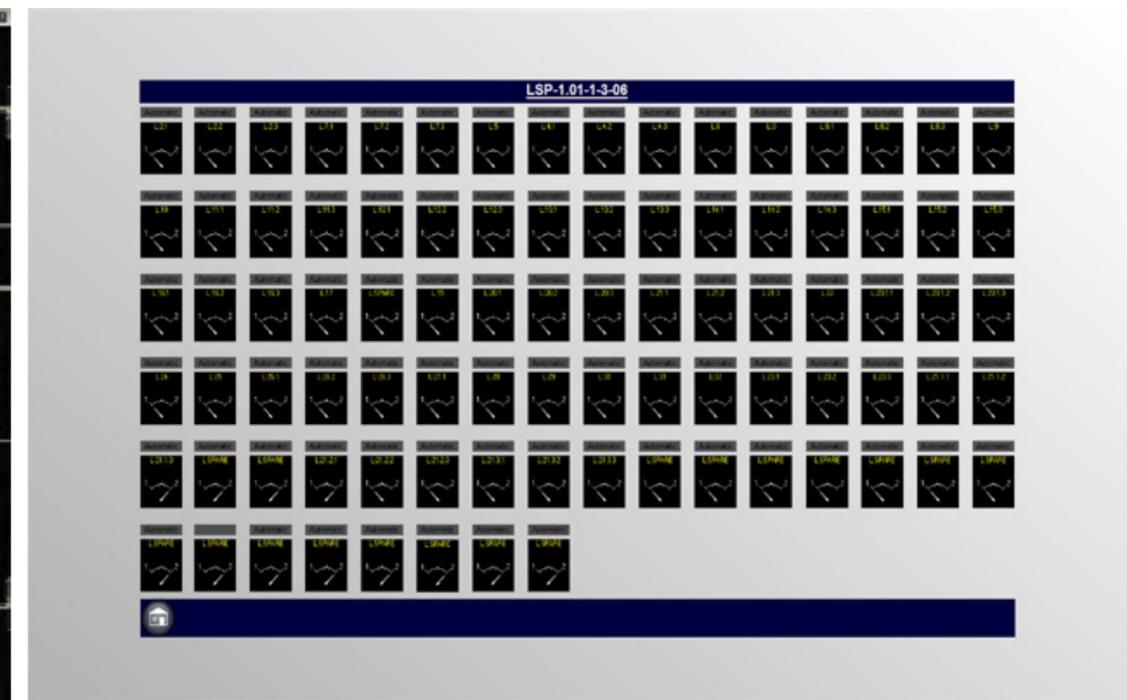
Ashgabat Int. Aiport

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

