



**Connect GOLD to
Swegon INSIDE Cloud**



Which units are **INSIDE** Ready?

GOLD units produced week 22, 2023 or later

- Software version 2.41 or later
- Certificate installed in production on units produced from week 22, 2023

Retrofit functionality

- Software version 2.42 or later
- GOLD version E / F

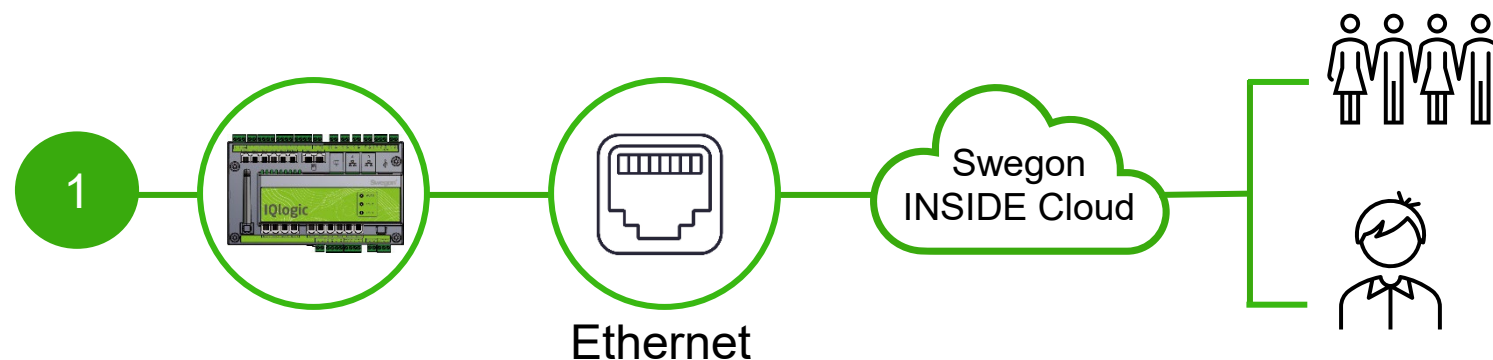


How to connect GOLD units

Going online with GOLD

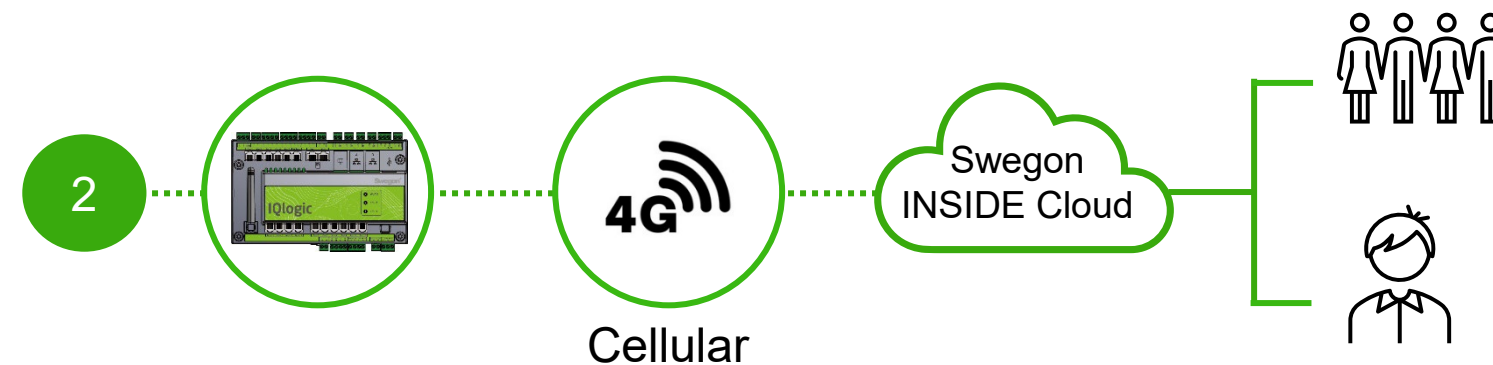
1. Ethernet Connection

Connect one end of the network cable to the facility's existing network and the other end of the cable to the AHU (IQLogic).



2. Cellular Connection

Use a 4G router with SIM-card, specially developed for this purpose.

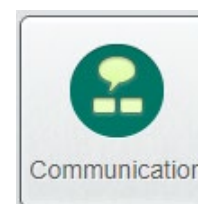
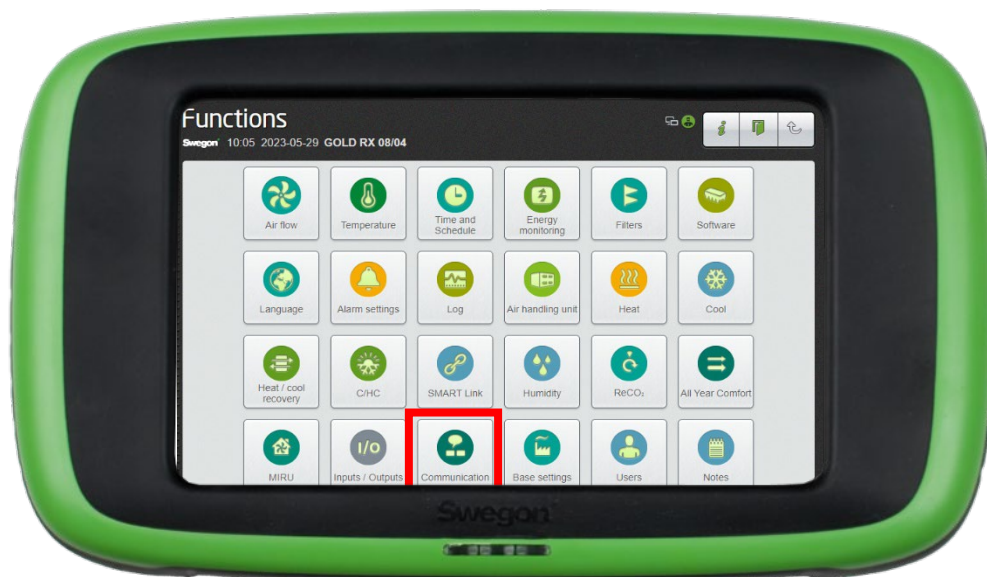




Certificate installed?

Activate Swegon INSIDE in HMI/Web

With certificate installed

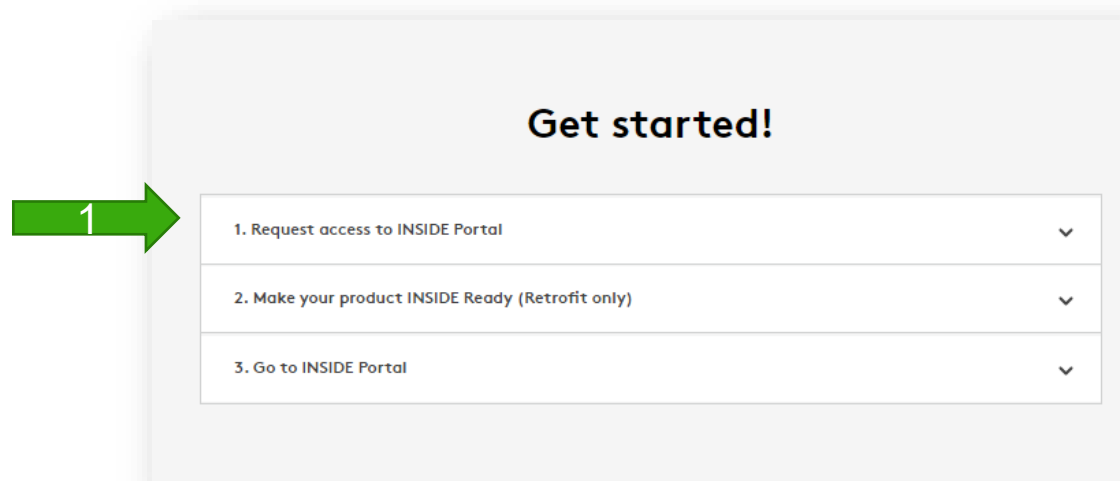


Make sure the serial number is filled in.
Activate Swegon INSIDE.
If Certificate status is "Certificate valid"
you have a certificate installed.

Create an account

With certificate installed

- Go to [Swegon's webpage](#)
 - Software → Connected products
- ① Request access to the INSIDE Portal
- ② Fill in the form and click Submit



The screenshot shows the 'Request access to INSIDE Portal' form. It includes a title 'Get started!', a sub-header '1. Request access to INSIDE Portal', and instructions: 'Enter details below to request a login.' and 'If you already have an account and wish to add a new product or building, please contact digitalservices@swegon.com'. The form is divided into two sections: 'Account information' and 'Building and product information'. The 'Account information' section contains fields for 'Email (will be used as username)*', 'First name*', 'Last name*', and 'Company name*'. The 'Building and product information' section contains a 'Choose product*' dropdown menu, 'Serial number of product*', 'Building name*', 'Building address*', 'City*', and 'Country*' dropdown menu. At the bottom, there is a 'protected by reCAPTCHA' badge and a green 'SUBMIT' button. A green arrow with the number '2' points to the 'SUBMIT' button.

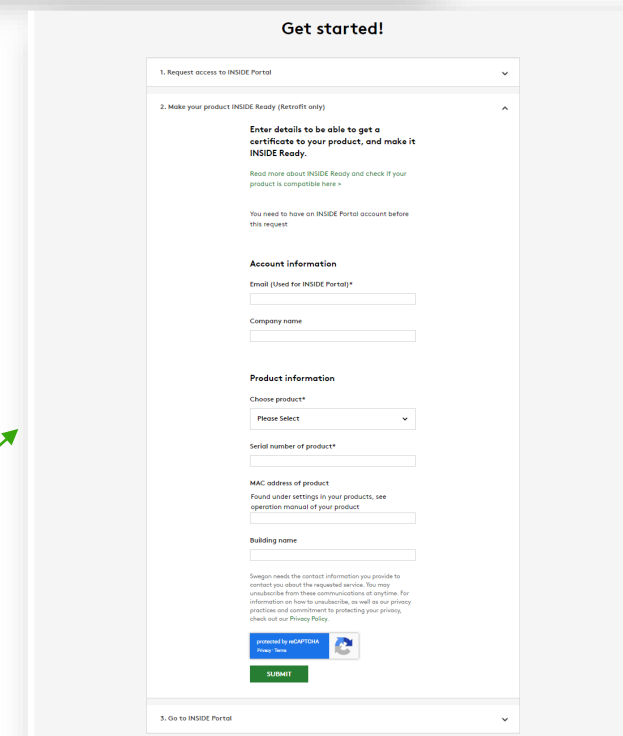
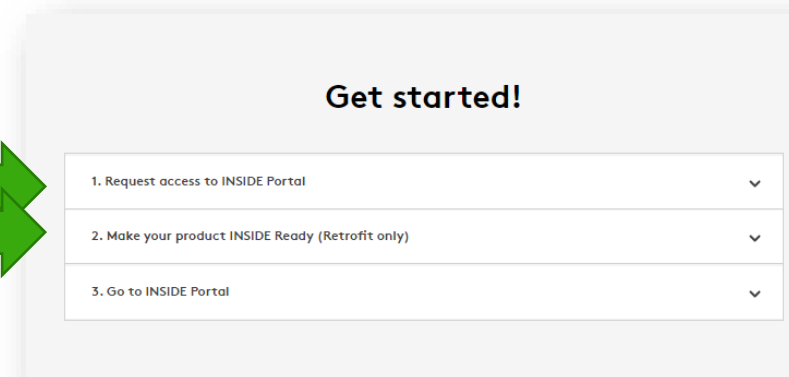
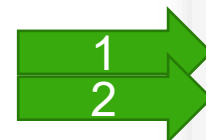


Retrofit

Create an account

Retrofit

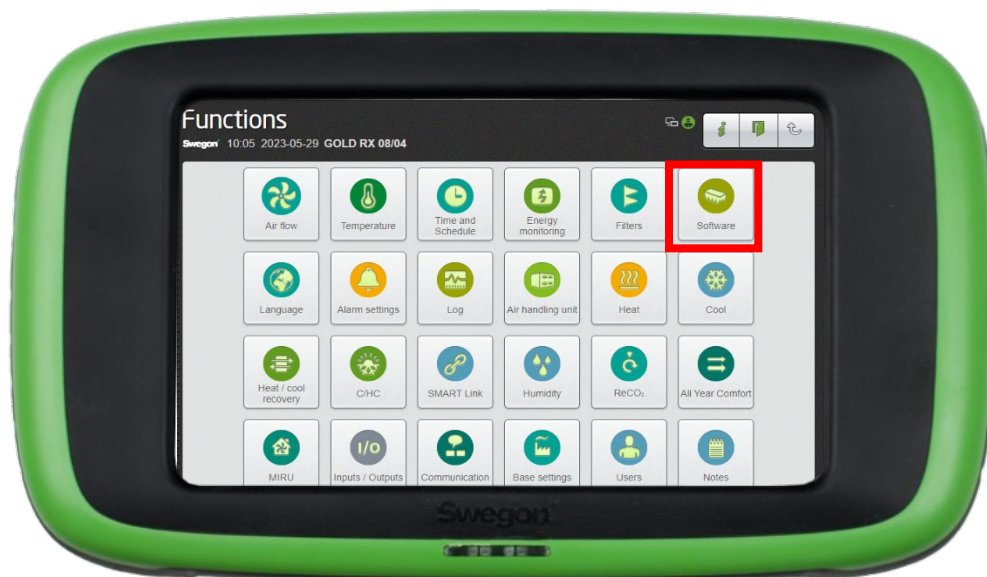
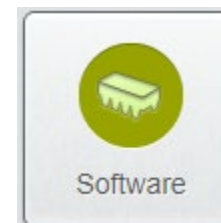
- Go to [Swegon's webpage](#)
 - Software → Connected products
- ① Request access to the INSIDE Portal
 - Fill in the form and click Submit
- ② Activate your product
 - Fill in the form to request a certificate ID and activation code, then click Submit



Only necessary for retrofit

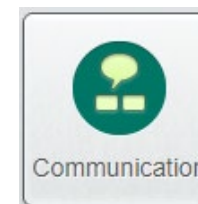
Make sure you have SW 2.42 or later

Retrofit

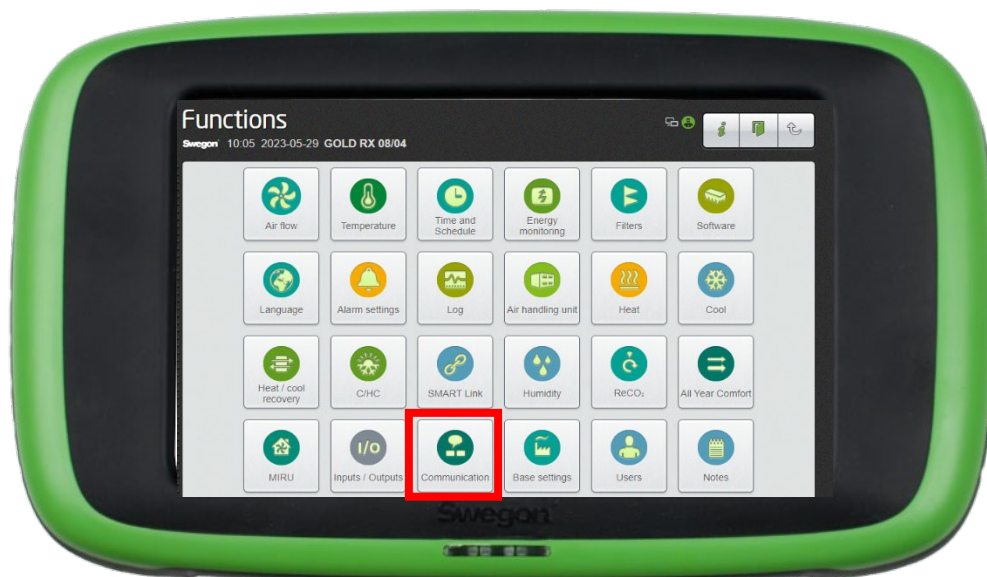


Activate Swegon INSIDE in HMI/Web

Retrofit

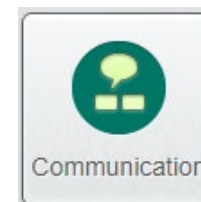


Make sure that the serial number is provided, then activate.



Activate Swegon INSIDE in HMI/Web

Retrofit



Type Certificate ID and Activation code from the email received when the product was activated, then click Activate.





INSIDE Portal

Connecting GOLD units to the Swegon INSIDE cloud
enables remote monitoring and digital services

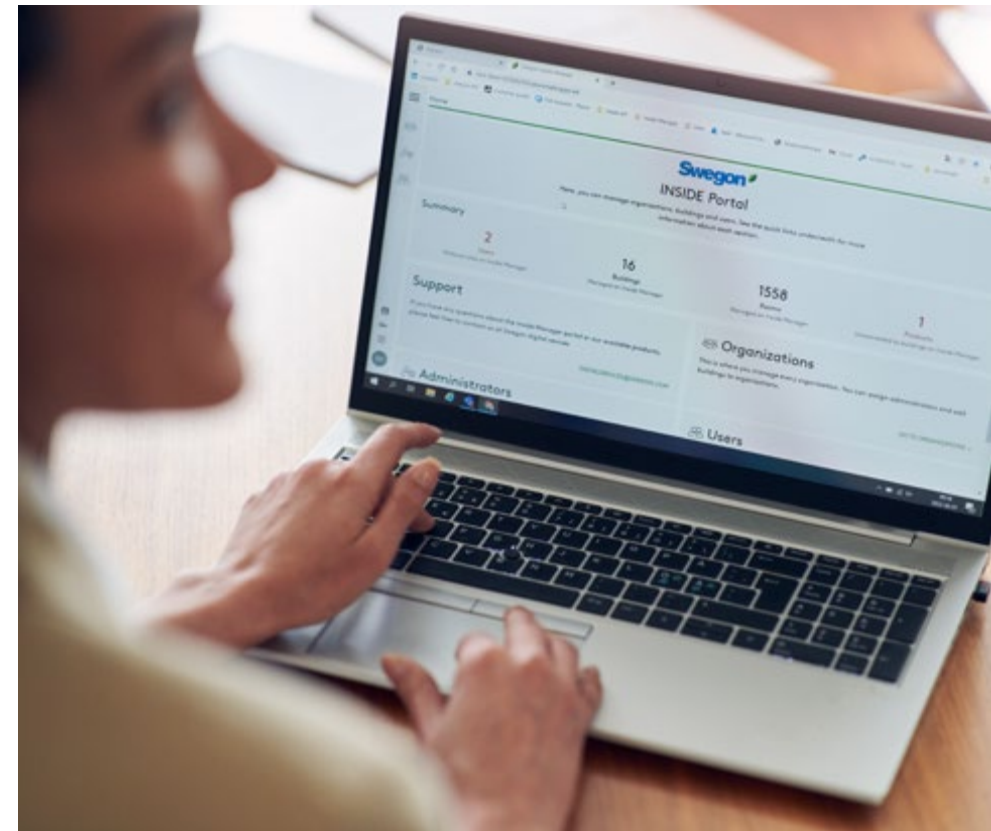
INSIDE Portal

– The hub for all connected Swegon products.

INSIDE Portal allows you to:

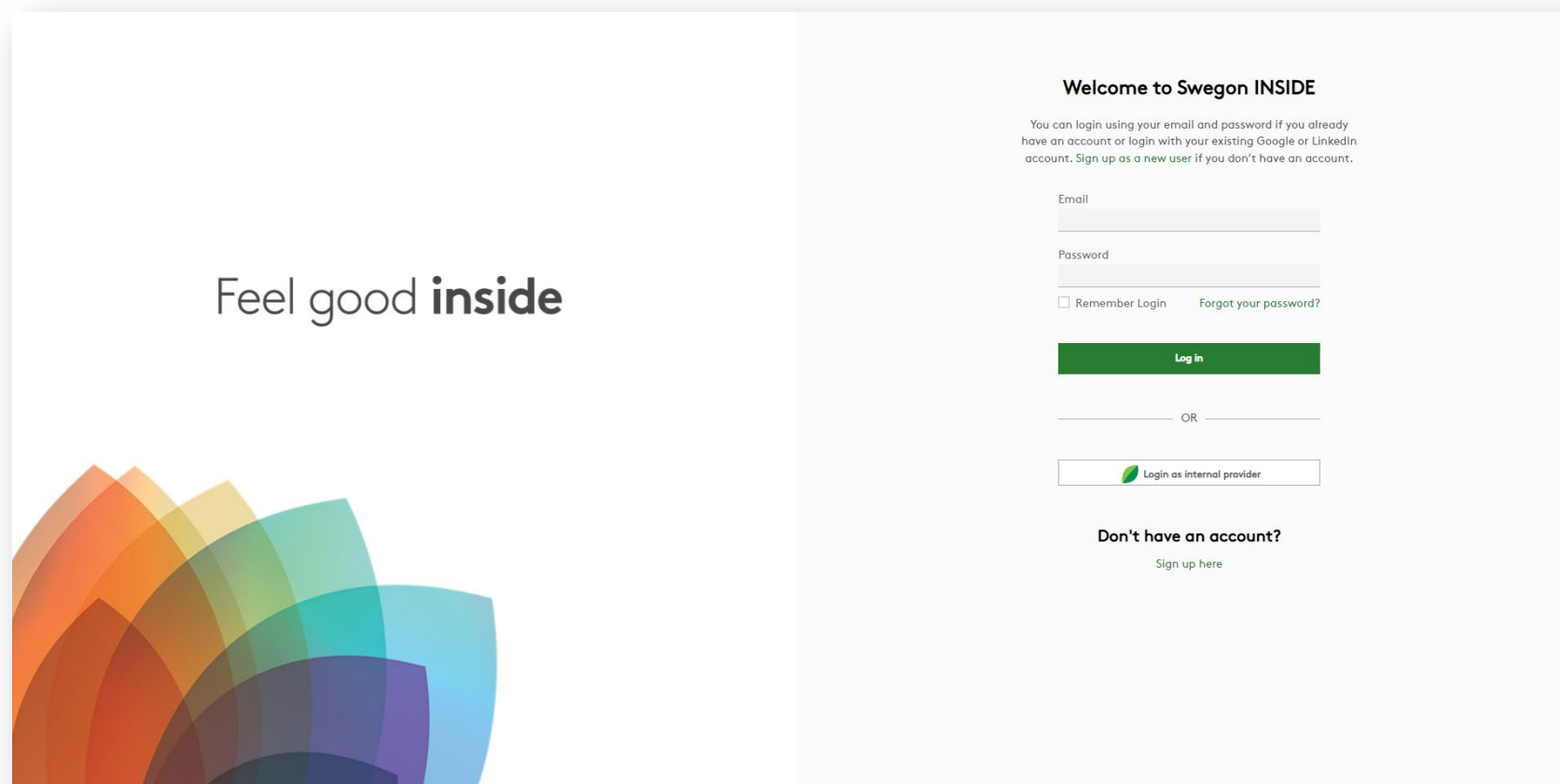
- Monitor key parameters
 - Status of air flow, pressure drop, temperatures etc.
 - Active alarms
- Generate and export energy reports
- Gain high level insights into the AHU performance
- Easily activate additional services that can increase the efficiency of your system
- Invite portal users to share insight and delegate level of access

INSIDE Portal is free of charge



INSIDE Portal: Log in

Log in to INSIDE Portal: <https://inside.swegon.com/>



The screenshot shows the Swegon INSIDE login interface. On the left, there is a decorative graphic of overlapping semi-circles in various colors (orange, yellow, green, blue, purple) and the text "Feel good **inside**". On the right, the login form is titled "Welcome to Swegon INSIDE". It includes a welcome message, input fields for "Email" and "Password", a "Remember Login" checkbox, a "Forgot your password?" link, a green "Log In" button, an "OR" separator, and a "Login as internal provider" button. At the bottom, there is a "Don't have an account?" section with a "Sign up here" link.

Feel good **inside**

Welcome to Swegon INSIDE

You can login using your email and password if you already have an account or login with your existing Google or LinkedIn account. Sign up as a new user if you don't have an account.


Email

Password

Remember Login [Forgot your password?](#)

Log In

OR

 Login as internal provider

Don't have an account?

[Sign up here](#)

INSIDE Portal: Overview of connected units



Home > buildings

Buildings

Search for building name

Name ↑	City	Country	Number of products	Organization
Swegon Borås	Borås	Sweden	1	Swegon
Swegon Cantarana	Cantarana	Italy	3	Swegon
Swegon France Lyon	Lyon	France	1	Swegon
Swegon Gembloux	Gembloux	Belgium	1	Swegon
Swegon Gothenburg	Gothenburg	Sweden	1	Swegon
Swegon Kvänum	Kvänum	Sweden	3	Swegon
Swegon Kvänum Testcenter	Kvänum	Sweden	2	Swegon
Swegon Luleå	Luleå	Sweden	1	Swegon
Swegon Malmö	Malmö	Sweden	1	Swegon
Swegon Norrköping	Norrköping	Sweden	1	Swegon
Swegon Örebro	Örebro	Sweden	1	Swegon
Swegon Stockholm	Stockholm	Sweden	1	Swegon
Swegon Tomelilla	Tomelilla	Sweden	1	Swegon
Swegon Umeå	Umeå	Sweden	1	Swegon

Rows per page: 100 ▾ 1-14 of 14 < >

PH

Full overview of all buildings in your organization

- Building name
- Building location
- Number of products

INSIDE Portal: Overview of connected units



Home > buildings > Swegon Kvänum

← GO BACK

Swegon Kvänum

Kvänum, Sweden
Latitude: 58.2980300699508
Longitude: 13.189557

Products

Search (name, serial number) 🔍

Name	Product type	Building	Serial number	Software version	Active alarm	Connected
Kvänum Tellus, Casa	GOLD	Swegon Kvänum	G00403364	2.42		●
Swegon Kvänum	WISE	Swegon Kvänum	6V5M1U5CIUTPHT38WDXD	1.160.1		●
TA/FA 37	GOLD	Swegon Kvänum	G320716	2.42		●

Rows per page: 10 ▾ 1-3 of 3 < >

Rooms

Building administrators

FR

Full overview of the Swegon products in each building

- Location
- Software version
- Active alarms
- Status of connectivity

INSIDE Portal: Monitor performance

← GO BACK EDIT NAME

GOLD RXHC 12

Connected ●
Software version: 2.42
Serial number: 2006392391

Information

AHU status

AHU status	Damper switch off delay
Supply air	
Supply air	15.9 °C
Supply air flow	803.0 l/s
Supply air fan power consumption	0.6 kW
Supply air duct pressure	112.5 Pa
Supply filter	
Supply air internal filter	106.7 Pa
Supply air internal filter alarm	0.0 Pa
Extract air	
Extract air	23.0 °C
Extract air flow	800.0 l/s
Extract air duct pressure	109.3 Pa
Extract air fan power consumption	0.5 kW
Extract filter	
Extract air internal filter	66.5 Pa

Monitor:

- Operation status
- Key parameters
- Energy data
- Alarms

Live, in real time...

Temperature
 °C
 °F

Pressure
 Pa
 psi
 in.wc

Airflow
 l/s
 cfm
 m³/s
 m³/h

INSIDE Portal: Monitor performance

Energy	
Cool power recovery	0.0 kW
Specific fan power	1.4 kW/m ³ /s
Temperature efficiency	0.0 %
Heat power recovery	0.0 kW
Temperature efficiency	0.0 %
Heat exchange motor energy consumption since unit installation	0.2 MWh
Heat energy consumption since unit installation	12.0 MWh
Total Heat Cool energy consumption since unit installation	16.1 MWh
Total energy recovery since unit installation	59.6 MWh
Total air fan energy consumption since unit installation	8.4 MWh
Supply air fan energy consumption	1.3 MWh
Heat energy recovery since unit installation	59.2 MWh
Supply air fan energy consumption since unit installation	4.2 MWh
Extract air fan energy consumption	1.2 MWh
Total AHU energy consumption since unit installation	8.6 MWh
Heat exchange motor power consumption	0.0 kW
Extract air fan energy consumption since unit installation	4.2 MWh
Cool energy recovery since unit installation	0.5 MWh
Total AHU energy consumption	2.6 MWh
Heat exchange motor energy consumption	0.0 MWh
Cool energy consumption since unit installation	4.1 MWh

Alarms	
Alarm priority A triggered	0
Alarm priority B triggered	0

Detailed information about active alarms

Alarms	
Name	Raised at
Info 98:7 Extract air air handling unit filter calibration not performed	2023-07-19 07:24
Info 98:5 Supply air air handling unit filter calibration not performed	2023-07-19 07:24

Rows per page: 100 1-2 of 2

INSIDE Portal: Energy report



Home > buildings > Swegon Kvänum > Product: Kvänum Tellus, Casa

Connected ●
Software version: 2.42
Serial number: G00403364

Information

Reports

CREATE REPORT DOWNLOAD REPORT ↓ DELETE REPORT(S)

<input type="checkbox"/>	Created	Status	From	To
<input checked="" type="checkbox"/>	2023-05-29 08:10	Completed	2023-05-01	2023-05-29
<input type="checkbox"/>	2023-05-10 07:54	Completed	2023-04-01	2023-05-02
<input type="checkbox"/>	2023-04-13 08:04	Completed	2023-03-17	2023-04-13
<input type="checkbox"/>	2023-04-11 13:48	Completed	2023-04-05	2023-04-10
<input type="checkbox"/>	2023-04-07 17:56	Completed	2023-03-16	2023-04-07
<input type="checkbox"/>	2023-03-27 10:17	Completed	2023-03-20	2023-03-27
<input type="checkbox"/>	2023-03-14 10:03	Completed	2023-03-06	2023-03-13

1 row selected

Rows per page: 10 ▾ 1-7 of 7 < >

Uploads

FR

Quick and easy to generate energy reports of connected units

INSIDE Portal: Energy report – from file



Home > buildings > Swegon Kvånum Testcenter > Product: GOLD PX 05

← GO BACK

GOLD PX 05

Connected ●
Software version: 2.43b03
Serial number: 2005573346

EDIT NAME

Information

Reports

Uploads

UPLOAD HISTORIC DATA

Created	Status	From	To
2023-10-03 10:48	Completed	2023-01-26	2023-09-26

Rows per page: 100 1-1 of 1

Active alarms

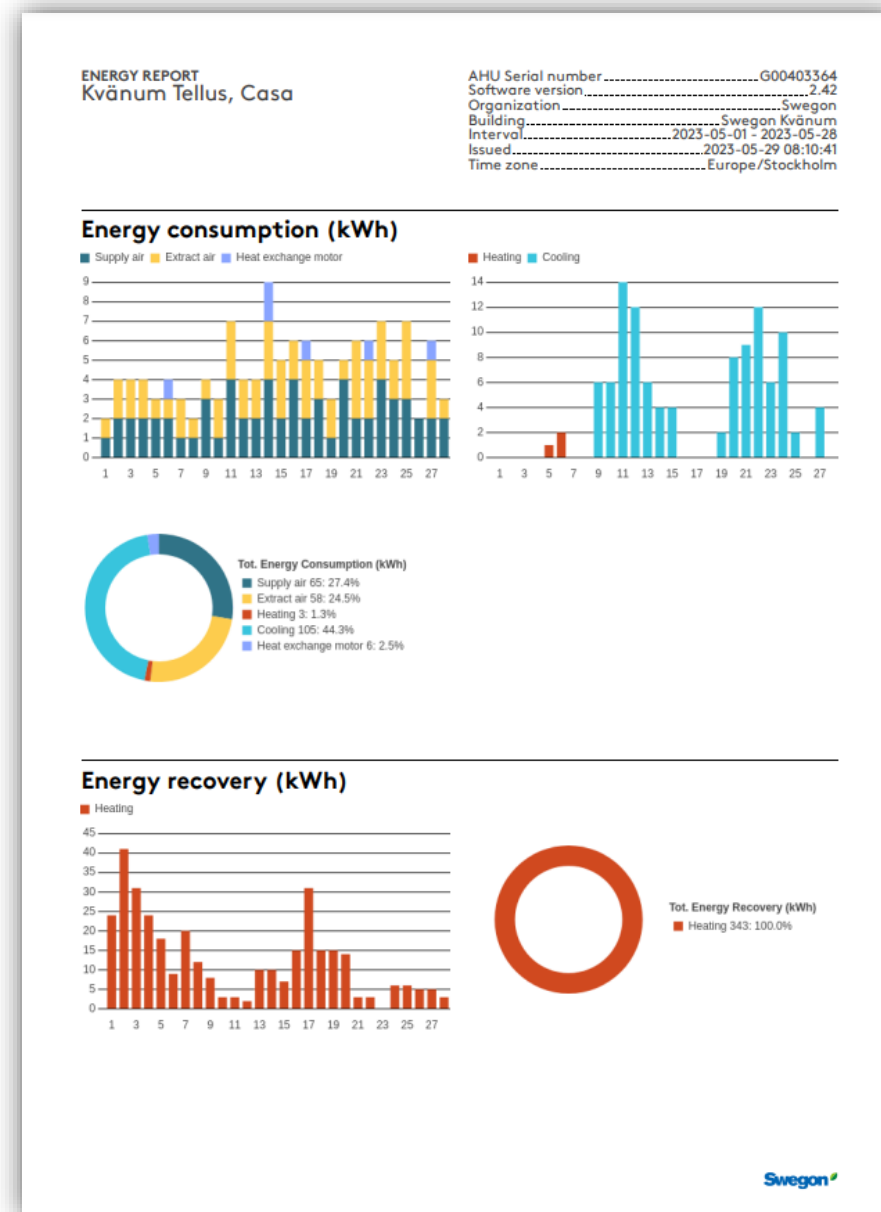
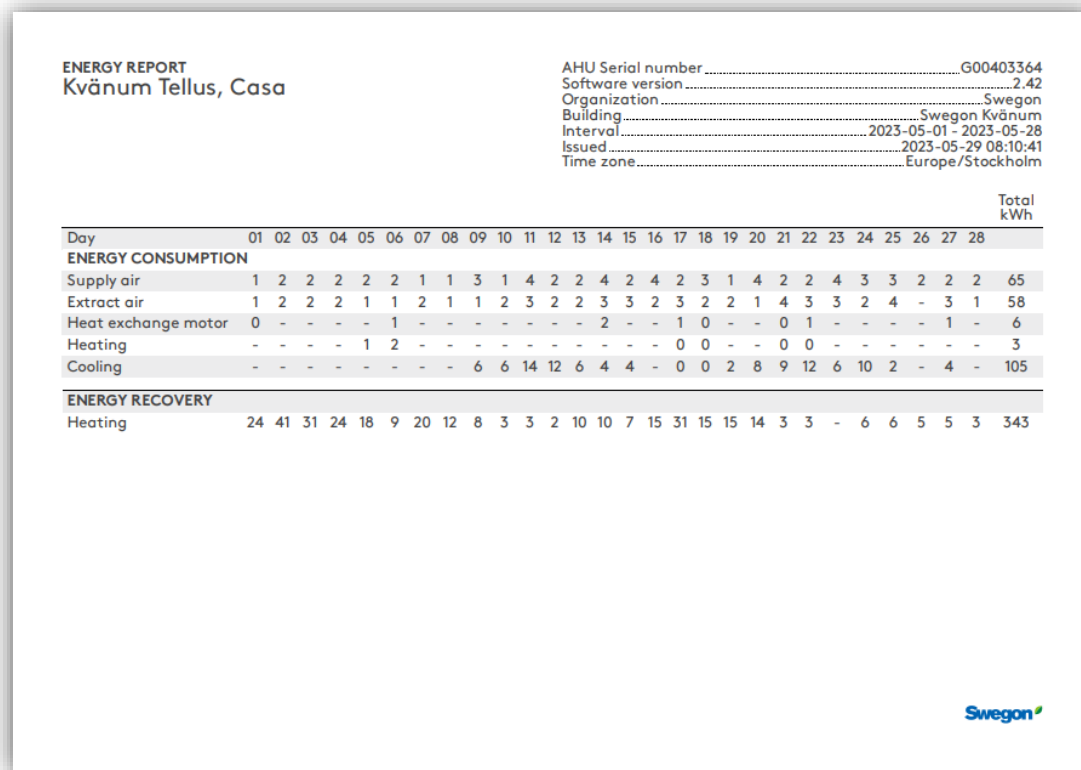
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Save data from non-connected products, upload to INSIDE Portal and generate energy reports from them as well.

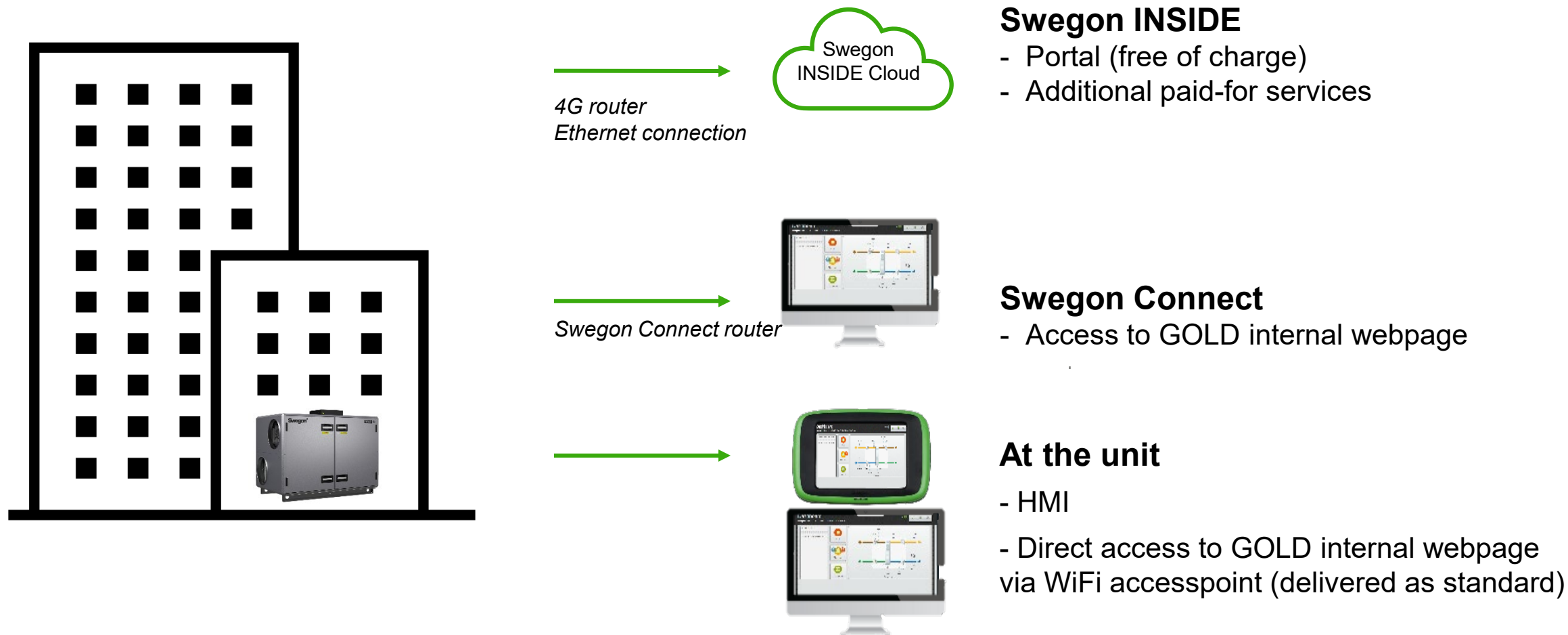
Energy report

Analyse performance

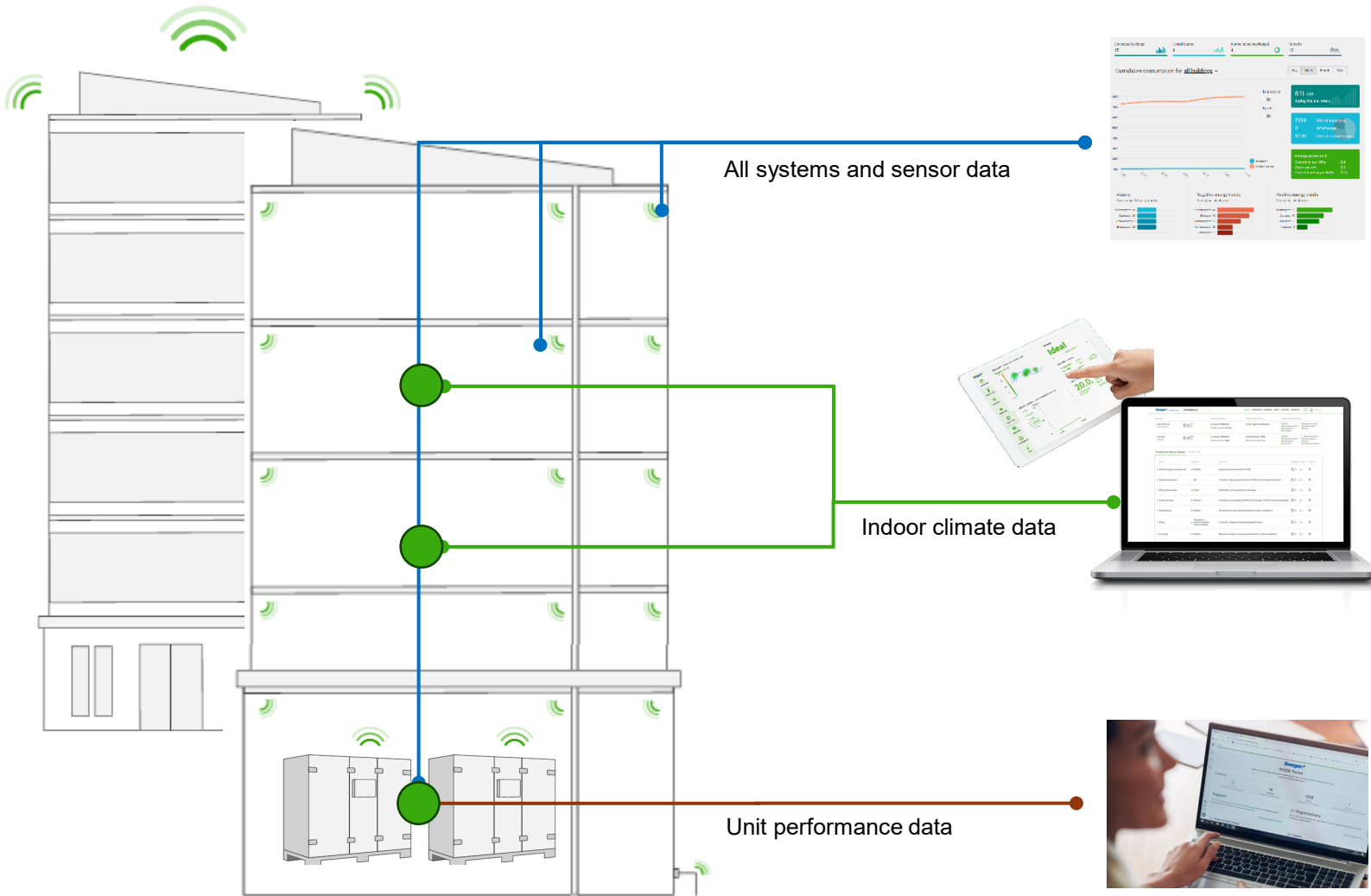
Generate energy reports using preferred time interval and detail level.



Several ways to monitor GOLD



Digital services



INSIDE Director

Combination of BMS and EMS functionality for a complete building stock.

INSIDE Analytics & Visualiser

Analysis and visualisation of the indoor climate.

INSIDE Portal

Remote monitoring of the AHU's key parameters, active alarms and energy consumption.

Swegon 





Feel good **inside**