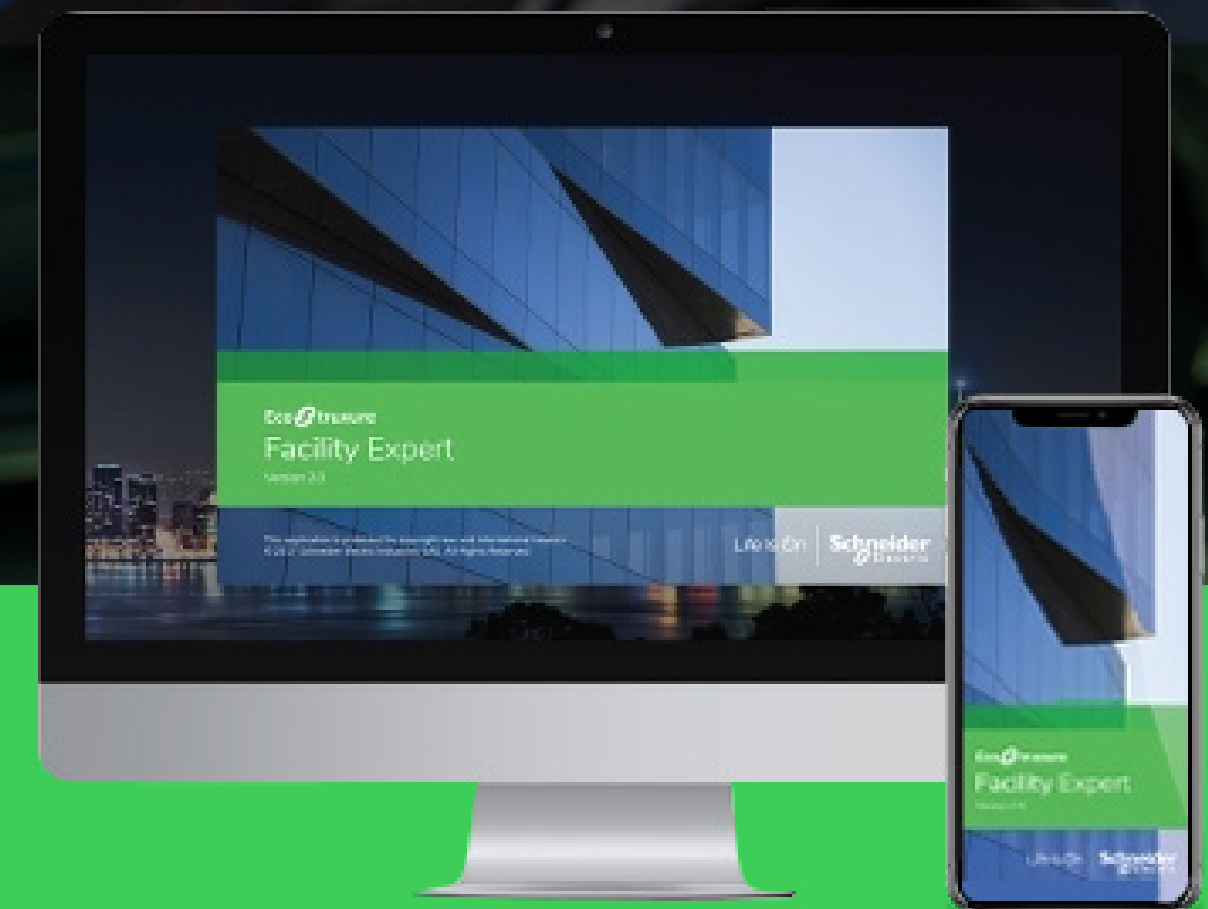


Facility management at your fingertips

EcoStruxure Facility Expert

se.com/ecostruxure-facility-expert



Life Is On

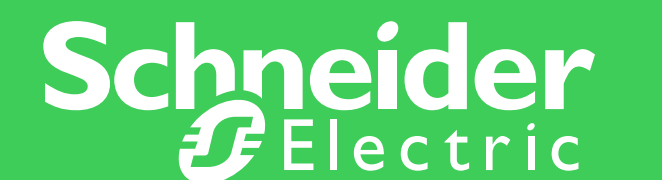


Table of contents



Power distribution is changing

Electrical distribution is going through an unprecedented transformation. As the demand for power continues to escalate, your customers are looking for cutting-edge digital solutions that will allow them to improve building performance, ensure business continuity, and save money.

They want dynamic, connected, and interactive energy along with operation management systems. With EcoStruxure™ Facility Expert you are able to offer a full range of advanced services, expand your business, and provide your customers with the leading solutions that they need.



Opportunities for service providers

In today's digital economy, your customers demand 100 percent uptime. And if problems do arise, they want a quick resolution. Schneider Electric allows you to meet their expectations.

Imagine you are able to manage your customers' facilities more effectively by connecting to their buildings and equipment, as well as your team, simply via your smart phone or tablet.

In doing so, routine maintenance is made easier and troubleshooting is faster, making your operations more reliable, efficient, and cost-effective.



Watch our
video to see
how it works!



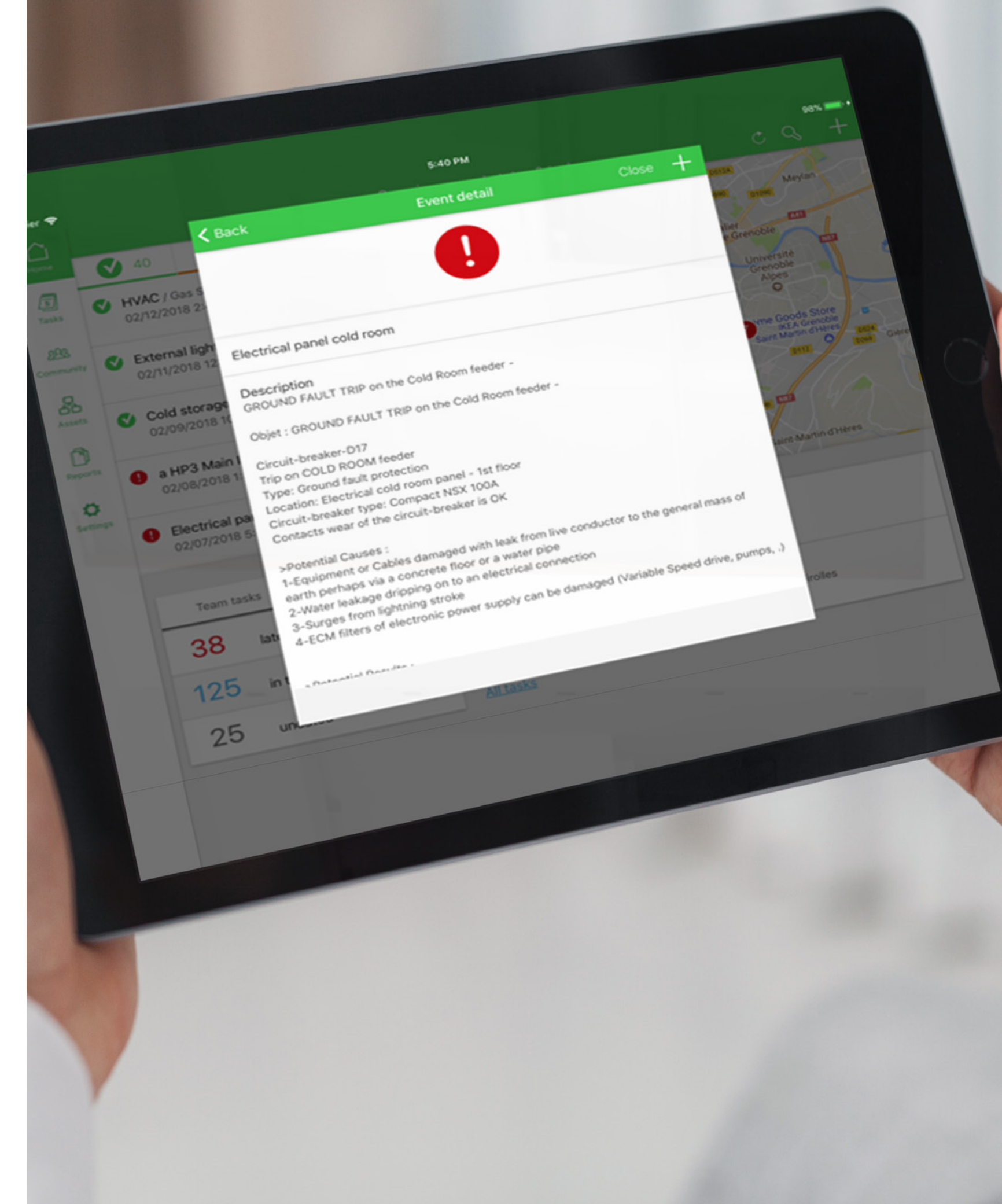
Introducing EcoStruxure Facility Expert

EcoStruxure Facility Expert

Use your digital logbook to create QR codes and track your assets for long-term maintenance schedules and task reminders. In one scan, you can not only log and access asset history, documentation, and collaborative information, but also generate inspection and activity reports.

Collect information from your connected panels and receive alerts with actionable data directly onto your mobile device allowing you to monitor energy consumption and equipment of one or more buildings.

Designed to be a highly secure, robust and resilient managed service is distributed across data centers in multiple locations. Schneider Electric is continuously monitoring the changing security landscape of cryptography and cybersecurity to ensure that we offer the best available protection to our customers and their sensitive data.




Grow your business with smart operations, preventive maintenance, and energy cloud software

Partner with us on a digital journey to building excellence

Improve your efficiency and expand your maintenance services 

- Simplify and improve maintenance
- Strengthen the effectiveness of your team
- Make repairs easier and faster
- Set up and fulfill 24/7 services with SLAs*

*Service Level Agreements

Enhance energy efficient services 

- Make clever recommendations
- Provide visibility on energy consumption and track any deviations



EcoStruxure Facility Expert – Operations



Data trends on assets



Edition and automatic storage of intervention reports*



Smart alerts with actionable data



Asset details available from the field*



Equipment status



Actionable task manager with long term maintenance schedules & reminders*



Maintenance status and localization at a glance*



Collaboration features*

** This feature is available without subscription*

EcoStruxure Facility Expert – Energy



Energy consumption monitoring



Overconsumption alerts & easy identification of overload contributors



Monthly scorecards and KPIs



Manual readings collection and storage



Energy consumption benchmark by aggregated or multisite comparison view



Costs allocation for budget optimization



Improve your efficiency and expand your maintenance services

> Simplify and improve maintenance

> Strengthen the effectiveness of your team

Manage your customers' facilities more effectively by connecting to their buildings and equipment, as well as to your team, simply via your smartphone or tablet. Routine maintenance is much easier, making your operations more reliable, efficient, and cost-effective. By improving the efficiency of your operations – and your whole team – you can substantially reduce your costs.

8%

Save up to 8 percent on operating expenses

(Manufacturer publication CIAT & Trane)







Improve your efficiency and expand your maintenance services

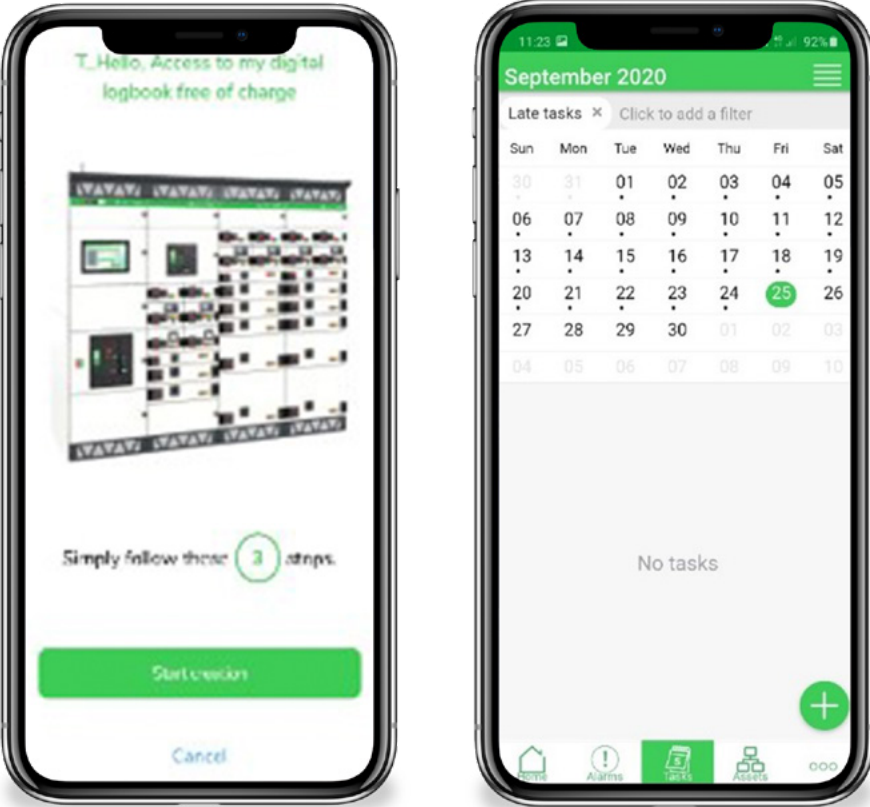
EcoStruxure Facility Expert refines operations by facilitating the planning, record-keeping, scheduling, and inspection. Our Digital Logbook allows you to eliminate paperwork and ensures the availability and sharing of documentation along with asset maintenance history so you can offer preventative maintenance contracts



> Simplify and improve maintenance

> Strengthen the effectiveness of your team

-  Offers maintenance status and location
-  Asset details and maintenance history available from the field
-  Simplifies the setup of preventative maintenance plans thanks to auto-generated templates, detailed maintenance reminders and task creation
-  Generates reports automatically







From the field, get instant access to your digital asset logbook

Improve your efficiency and expand your maintenance services

Take control of your team’s day-to-day activities. EcoStruxure Facility Expert provides everything you need to offer preventative maintenance contracts, optimize your service calls when responding to issues, and prove to your customer that the job is completed in line with regulatory compliance.

> Simplify and improve maintenance

> Strengthen the effectiveness of your team

-  Streamline maintenance and operations by assigning tasks and centralizing maintenance schedules, logs, and reports
-  Leverage your digital community into solving issues quickly
-  Report and share asset issues with your team
-  Gain clearer visibility on all the accomplished operations that you can relay comfortably to your customers



Stay connected to maximize your operations

> Make repairs faster

> Set up and fulfill service level agreements (SLAs)

Stay ahead of downtime – and the competition – by offering your customers preventative maintenance and service level agreements. Reduce equipment failures by monitoring your customers' equipment for trending data so you can anticipate and arrange maintenance tasks with just a few taps of your smart device. With EcoStruxure Facility Expert, no one knows buildings like you.

10%

Increase your customers' business continuity by up to 10 percent

(The Service Council publication)






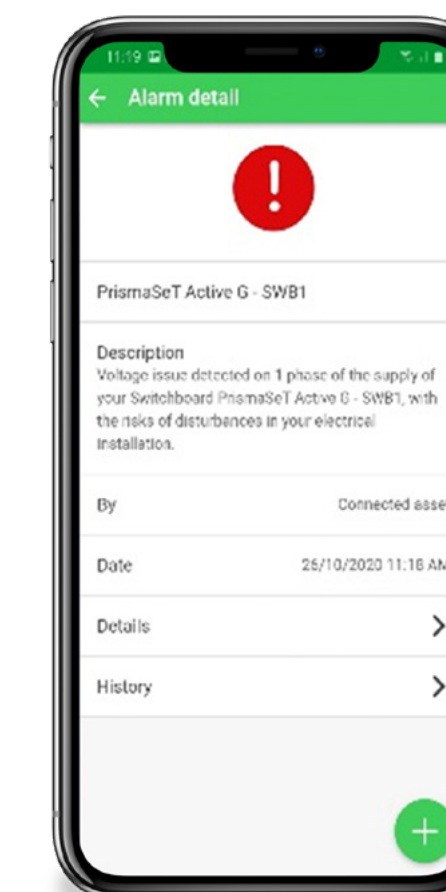
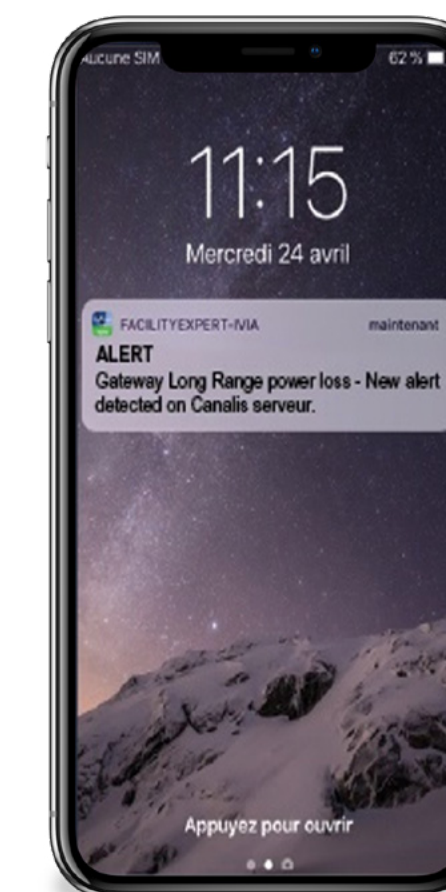
Stay connected to maximize your operations

Onsite personnel can rely on live support from teammates and experts, along with user-friendly graphic interfaces to enable quicker understanding and stress-free problem-solving. As soon as issues are resolved you will receive a notification supplying you with complete event logs (with images) and generated operation reports that you can hand to your all-important customers.

> Make repairs faster

> Set up and fulfill service level agreements (SLAs)

-  Be notified from your connected assets in case of issue
-  Alerts with actionable data are sent directly to your mobile device
-  You can access and analyse alarm details wherever you are aiding you in making those fast and high-quality decisions



Simply connect your panels to be notified in the case of an issue (ie, voltage loss, cable overheating, abnormal phase conditions, load stops and trips).

This makes inspection quicker and your diagnosing more efficient so you can prevent equipment damage and improve business continuity

Stay connected to maximize your operations

With essential information at your fingertips, you can choose to go onsite, assign a task to a field technician, or postpone intervention until your next maintenance visit. Anticipate the maintenance needs of all or only key assets to avoid failure and meet your SLAs.

> Make repairs faster

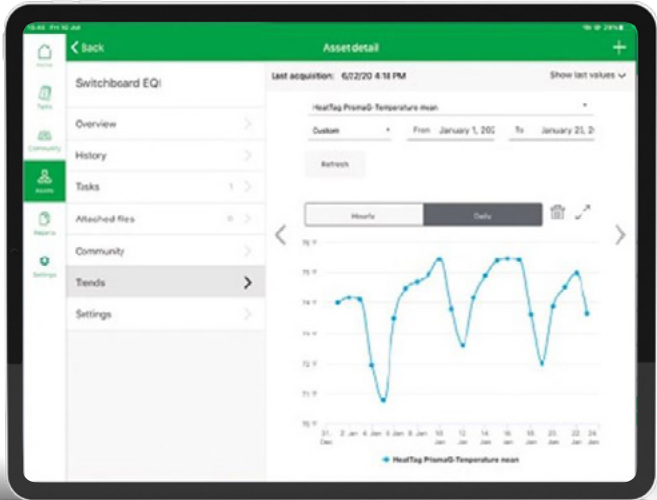
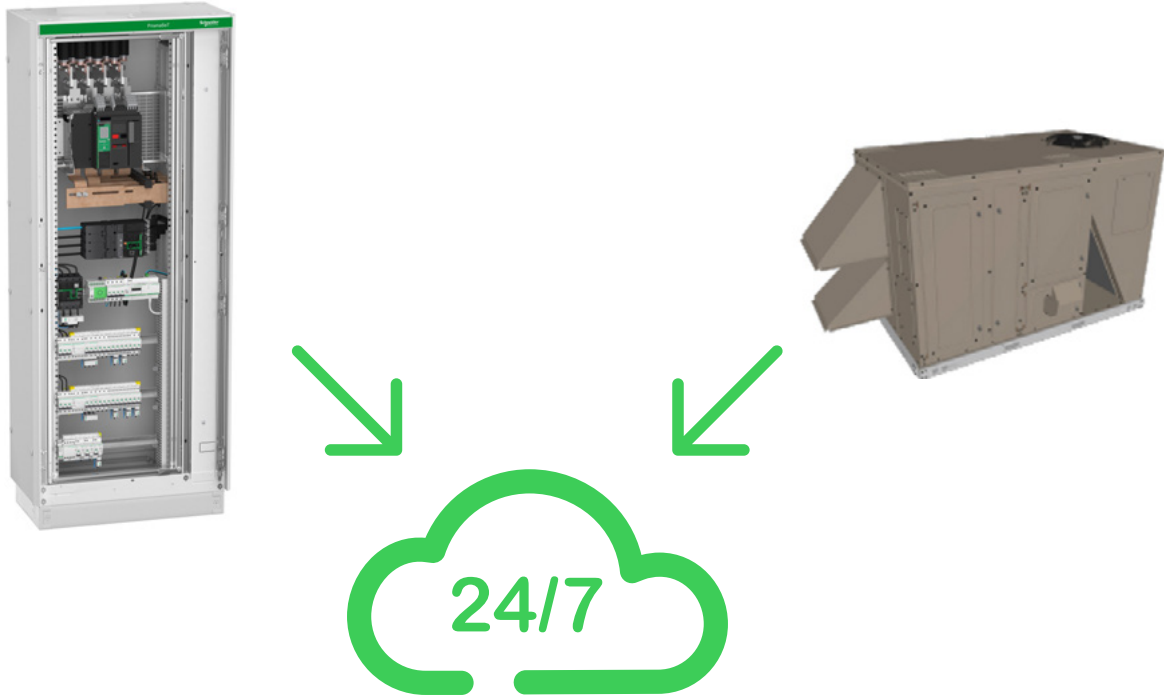
> Set up and fulfill service level agreements (SLAs)

 Data trends on assets

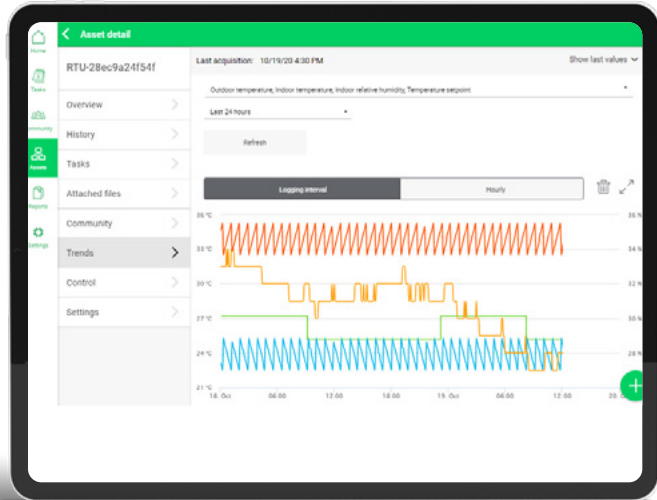
 On-the-spot decision-making tools

 Ongoing access to live updates

 Anticipate maintenance to keep assets up and running effectively



Temperature monitoring



HVAC trending

Collect information from connected panels and different types of IoT sensors (such as; temperature, humidity and gases and particles) to anticipate issues before they arise improving your maintenance services



Enhance energy efficiency services

> Provide visibility on energy consumption

> Make recommendations

Finding the right strategy to effectively manage energy consumption in single and multi-site buildings is crucial...With us you get; remote notifications, detailed dashboards and reports, site benchmarking, the ability to track energy consumption, advice on hitting your sustainability targets and more, EcoStruxure Facility Expert lets you move beyond troubleshooting so you can also offer your customers energy efficient services.

5 to 10%

Help your customers save from 5 to 10 percent off their energy bills

(Navigant Research publication)







Enhance energy efficiency services

Energy remote monitoring is not just for large buildings anymore. EcoStruxure Facility Expert provides you with views beyond cost and performance so you can enhance building efficiency with a set of simple, relevant graphs and charts.

> Provide visibility on energy consumption

> Make recommendations

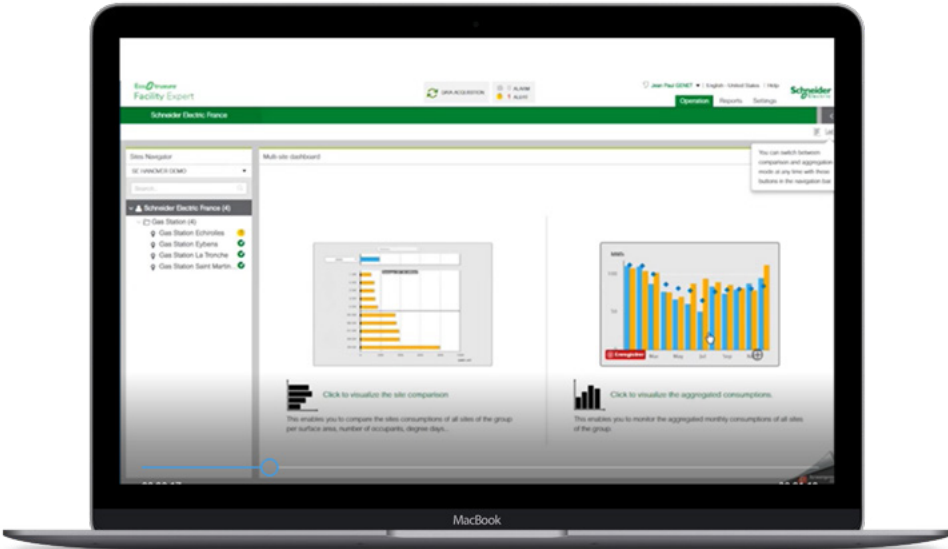
-  With your app you can manually collect and register energy data (gas, water, thermal, etc.)
-  Receive the full picture on energy consumption with aggregated view and multi-site comparison modes
-  Set targets and be alerted as soon as they are exceeded
-  Monitor power demand and power factors



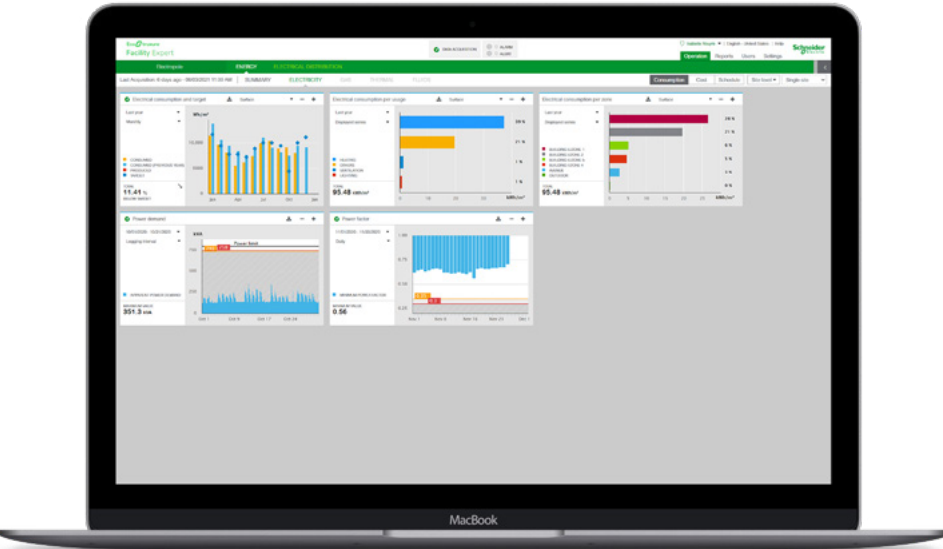
Total consumption and example of energy usage monitoring



Data



Multi-site Comparison View




Energy dashboards per site

Enhance energy efficiency services

Gain insight and step up to the energy consulting business by ensuring your customers make the most of what EcoStruxure Facility Expert's has to offer:

> Provide visibility on energy consumption

> Make recommendations

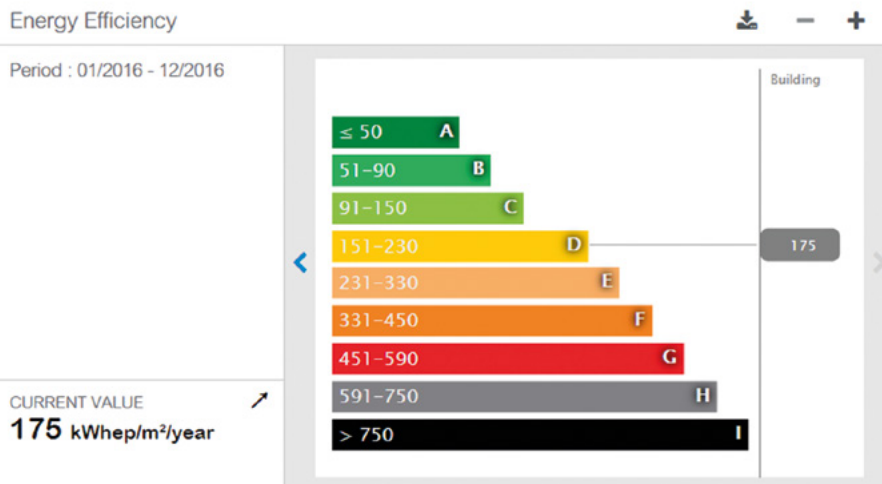
 Benchmark buildings by local performance scale (A to I) and standards (ISO50001, LEEDs, NABERS)

 Track energy consumption in detail (ie, per usage, zone, or meter)

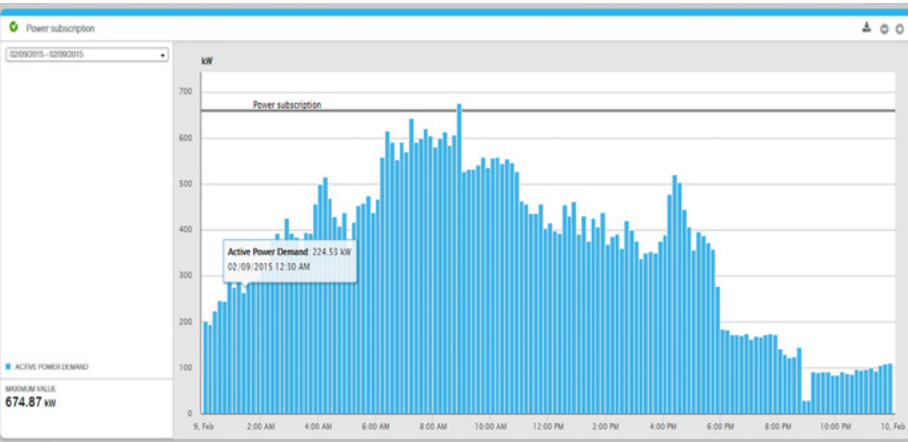
 Identify deviations and their peak contributors

 Optimize energy budgets and allocate your costs

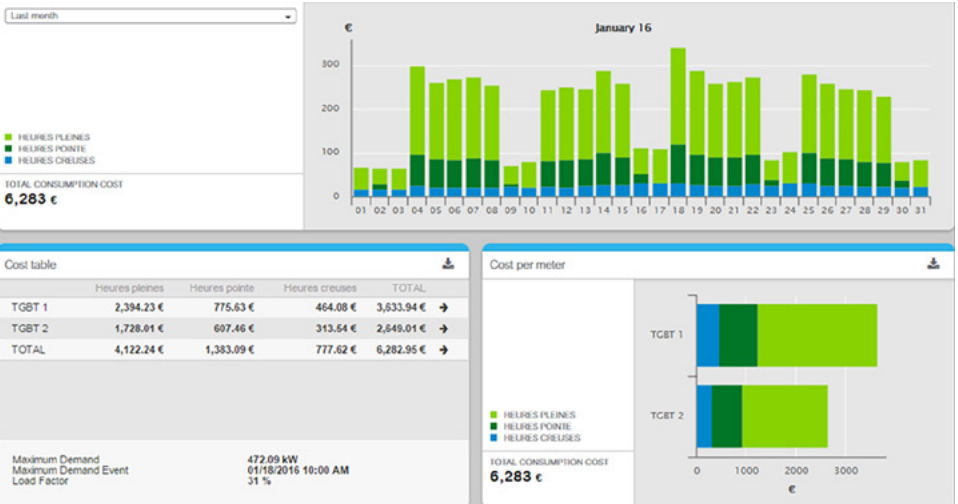
 Receive monthly scorecards, documenting energy consumption, trends, and results



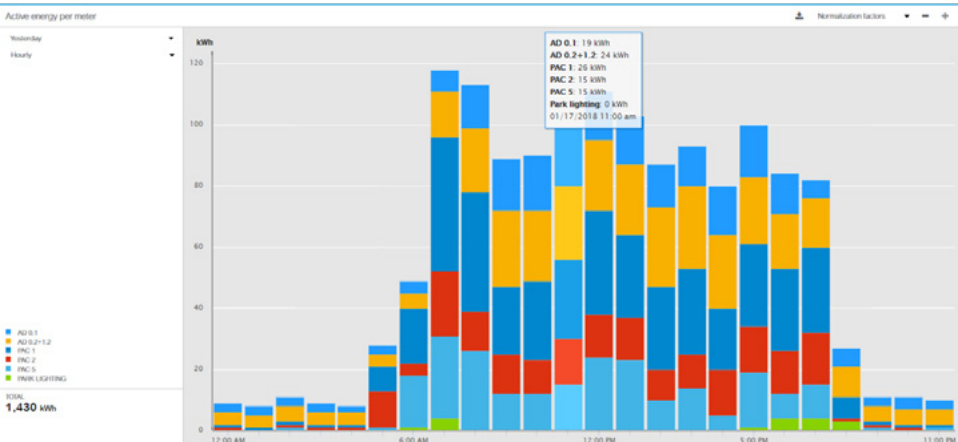
Energy efficiency



Power demand with target



Energy costs per tariff period



Power demand per meter

Take a closer look

Set off on a progressive journey with Schneider Electric and seize the business opportunities made possible through building digitization.

 Asset Management

 Energy Management



Take a closer look

Watch these simple tutorials to see how fast and easy asset maintenance can be.

> Improve efficiencies and expand your offerings

> Stay connected to maximize your operations

> Enhance your energy efficiency services

Asset Management



Improve efficiencies and expand your maintenance services
Simplify operations and improve service efficiency with EcoStruxure Facility Expert.



Configure an asset



Schedule a preventative maintenance task

Take a closer look

Watch these other tutorials to see how fast and easy asset maintenance can be

> Improve efficiencies and expand your offerings

> Stay connected to maximize your operations

> Enhance your energy efficiency services

Stay connected to maximize your operations
Make repairs faster and help you to set up and fulfil service level agreements (SLAs).

Asset Management



conduct troubleshooting



store asset monitoring data



Helping you to set up and fulfil service level agreements

Take a closer look

Zoom into EcoStruxure Facility Expert's web portal and have a look at the energy dashboards.

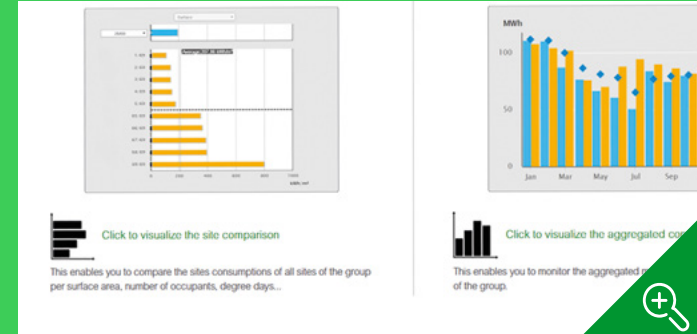
> Improve efficiencies and expand your offerings

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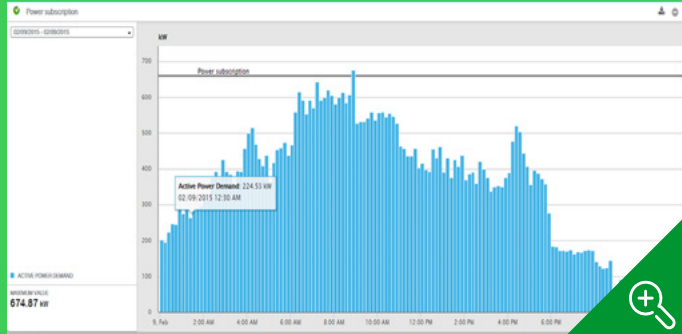
> Enhance your energy efficiency services

Enhance energy services

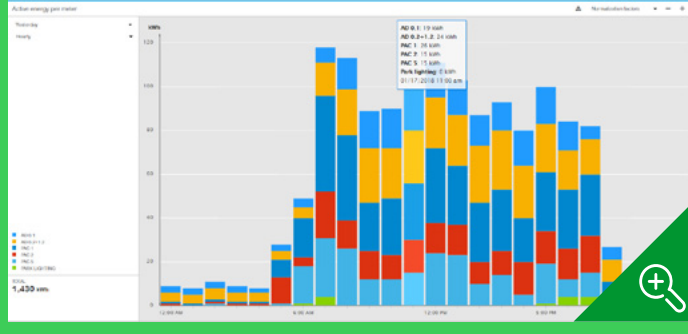
Provide visibility on energy consumption and make recommendations guided by the data.



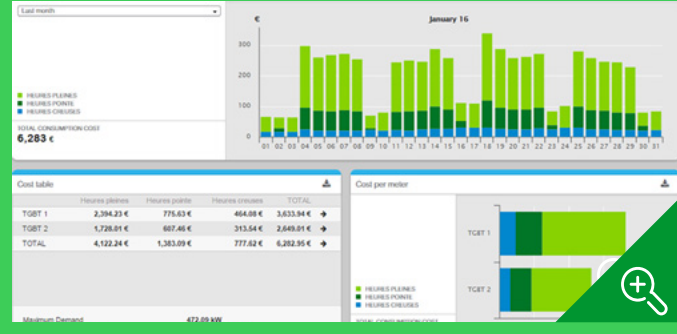
Site comparison, energy consumption, and targets



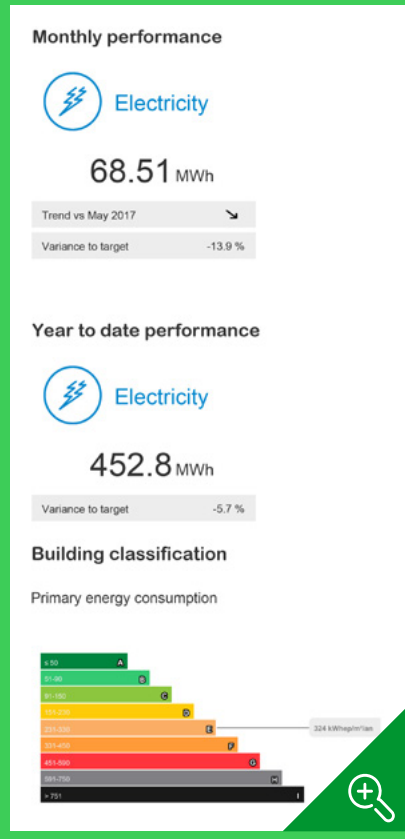
Power demand with target



Power demand per meter



Energy costs per tariff period



Energy efficiency

Energy management

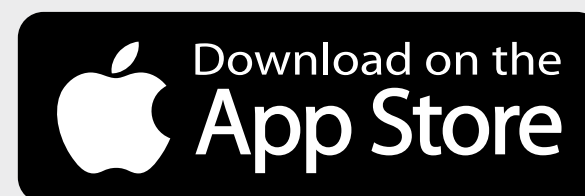
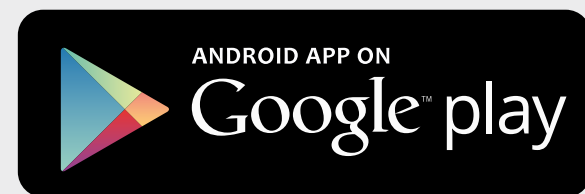


Features per subscription

Subscription	Digital Logbook free version	Operations	Energy	Enterprise
Unique asset QR codes creation and access information in one scan	✓	✓		✓
Asset status and map localization	✓	✓		✓
Asset logs history and reference document library	✓	✓		✓
Access ready-to-use Schneider Electric equipment maintenance template	✓	✓		✓
Customize maintenance template for any type of equipment	✓	✓		✓
Task manager features (e.g. task assignment, notifications)	✓	✓		✓
One-click intervention reports	✓	✓		✓
User community and rights management and collaborative features	✓	✓		✓
Preconfigured alarms for Schneider Electric equipment, custom alarms for 3 rd party assets		✓		✓
Alerts on voltage loss, overheating detection and continuous thermal monitoring		✓		✓
Main data trends monitoring: voltage, current, T°C, hygrometry		✓		✓
Energy consumption and cost monitoring: main, usage, zone, meter			✓	✓
Power demand and power factor monitoring			✓	✓
Multi-site comparisons, consumption aggregation			✓	✓
Energy site performance vs. standards			✓	✓
Monthly scorecards			✓	✓
Normalization factors: surface, degree days, open/closed period, customs			✓	✓
Energy kiosk			✓	✓

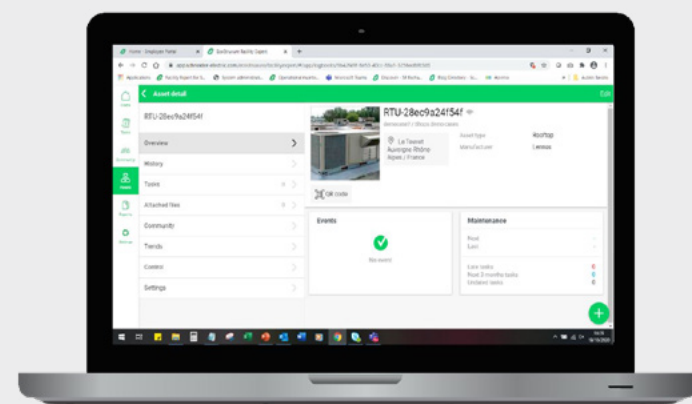
How to get started

From your mobile:

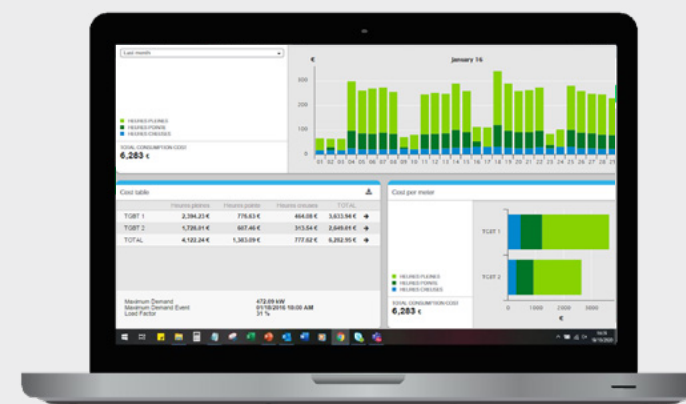


EcoStruxure Facility Expert for Free

From your computer:



EcoStruxure facility Expert - Operations



EcoStruxure facility Expert - Energy



EcoStruxure empowers you for the future

EcoStruxure Power gives you a complete solution approach to:

- Deliver more reliable and efficient power
- Protect your assets, processes, and people
- Provide tailored, future-ready solutions for the new digital economy
- Enable new services in energy and operation management
- Create new business opportunities for your company

EcoStruxure has been deployed in 480,000+ sites, with the support of 20,000+ system integrators and developers, connecting over 1.6 million assets under management through 40+ digital services.

As a partner of Schneider Electric, you can grow your business by adding valuable new services increasing customer satisfaction and retention.



Become an EcoXpert

Schneider Electric offers you the opportunity to develop your skills as a service provider in order to sell more advanced services:

- Get familiar with EcoStruxure Facility Expert to improve your maintenance efficiency and join our esteemed network of certified professionals
- Learn how to connect sites and expand your contract offering when you become a certified Digital Panel EcoXpert or Power Services EcoXpert
- Develop your analysis skills further to enhance your level of energy services and advise your customers; climb the ladder of success and reach higher levels of certification



EcoXpert
Digital Panel



EcoXpert
Power Services

Discover EcoXpert Partner program

Schneider Electric Exchange



Case Study #1: Flückiger Électricité EcoXpert

The Challenge

- Find a tool that would allow Flückiger Electricité to offer new services to its clients in an easy and affordable way.
- Implement a flexible solution that will work with assets from different manufacturers and can be adapted to its industrial customers' needs.
- Deploy a collaborative tool for daily maintenance activities to make operations simpler, more effective, and more convenient.

The Solution

- Allows easy access of key information and maintenance plans of customer installations via QR codes.
- Ability to generate maintenance reports that can be shared instantly with customers.
- Available on mobile devices enables monitoring of connected assets and provide insights into equipment performance and energy consumption..

The Results

- With EcoStruxure Facility Expert, Flückiger can offer additional maintenance services and win new clients without investing in expensive solutions and time-consuming training.
- +8% global operational efficiency for Flückiger with -75% reduced maintenance time measured per differential circuit breaker.
- With the EcoXpert™ Partner Program support, Flückiger can count on comprehensive support in delivering the latest digital and energy solutions to their customer.
- Increased business continuity for Flückiger's customers by improving visibility on maintenance schedules, thus avoiding unnecessary production shutdowns.



By scanning QR codes, the technical team saves time on locating the equipment to be maintained and can quickly access its digital Logbook



Discover videos:

Flückiger Electricité, a game-changer in maintenance services



EcoStruxure Power Changes the Game for Smart Maintenance Services



Case Study #2: ALLEZ EcoXpert

The Challenge

For Panel builder & Contractor:

- Provide a native connected Switchboard, as a differentiating solution to customer improving maintenance and energy consumption
- Keep constant contact with end user and provide maintenance services
- Remote Access to Alarm and task management functions to better monitor the installations and operations on site
- Alignment with customer digital transformation strategy

For the end user St Leonard:

- Energy efficiency and consumption optimization
- Efficient Maintenance and operations along with access to assets overview
- Benefit of 1st year Free license

The Solution

- Facility Expert Energy and Operation deployed on site.

- Monitoring of all connected assets through Com'X

The Results

- Daily measurement to optimize energy consumption
- Receiving service and support from their partner to optimize energy consumption on the identified equipment
- Simple monitoring of Alarms and energy dashboard
- No need for local resources or large investment to monitor ED, thanks to the cloud-based offer

allez & c^{ie}



EcoStruxure™ Power



Edge and Control

EcoStruxure Facility Expert - Energy/Operation

Connected products



Gateway Com'X



Power Tag M9



Circuit breaker NSX



Main LV switchboard PRISMA



Capcitor banks VARSET

Learn More



Take your business to the next level with EcoStruxure Facility Expert – discover more



There's a lot more to EcoStruxure Power – learn the latest



Discover EcoStruxure for Retail



Give your electrical system a voice with Smart Panels

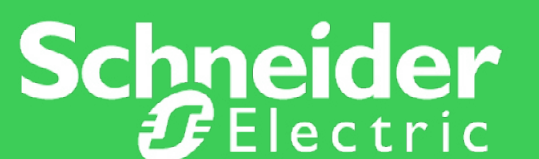
This document presents general, non binding information regarding the potential value that digitized power distribution products and solutions can bring to the user. Due to varying user situations and goals, Schneider Electric does not warranty or guarantee that the same or similar results represented in this document can be achieved. Please refer to Schneider Electric product and solution catalogs for actual specifications and performance.



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Life Is On



Take a closer look

Zoom into EcoStruxure Facility Expert's web portal and have a look at the energy dashboards.

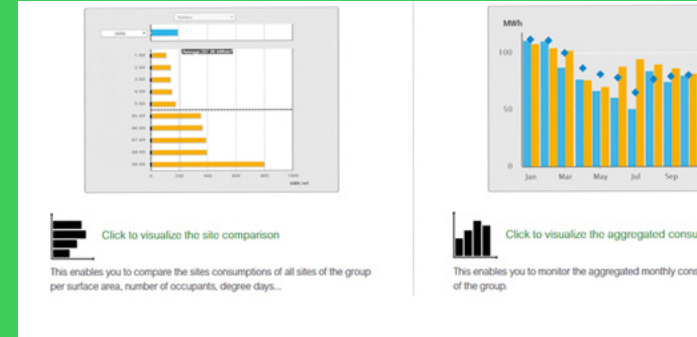
> Improve efficiencies and expand your offerings

> Stay connected to maximize your operations

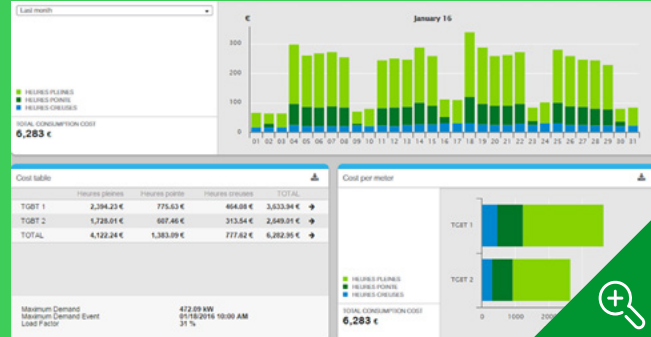
> Enhance your energy efficiency services

Enhance energy services

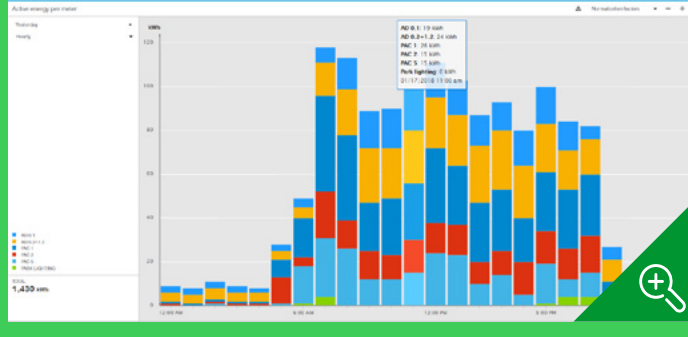
Provide visibility on energy consumption and make recommendations guided by the data.



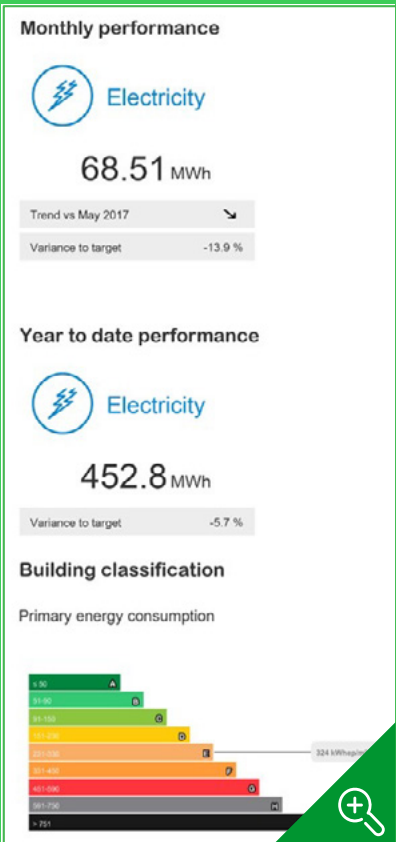
Site comparison, energy consumption, and targets



Power demand with target



Power demand per meter



Energy efficiency

Energy management



Take a closer look

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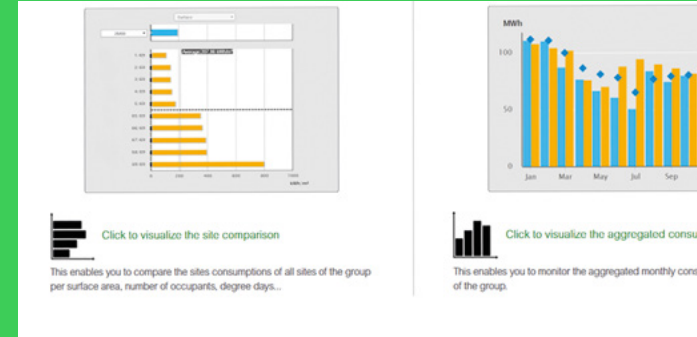
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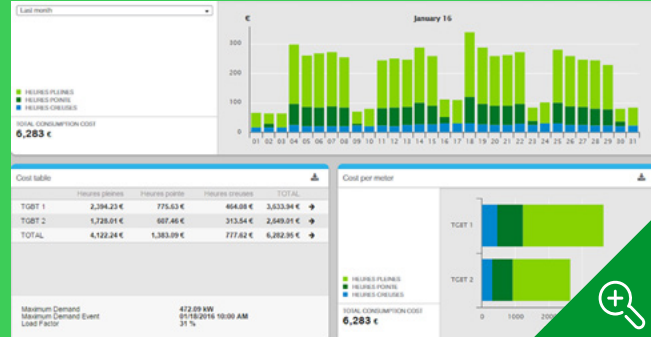
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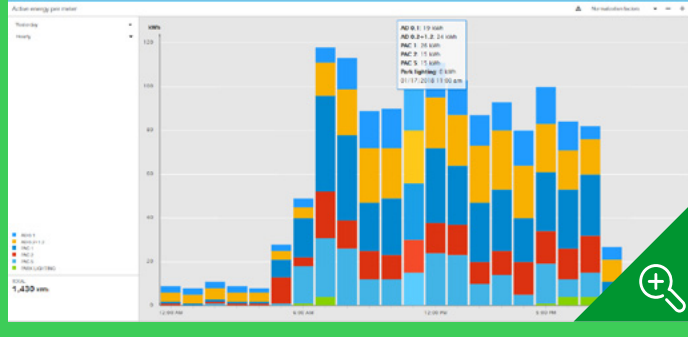
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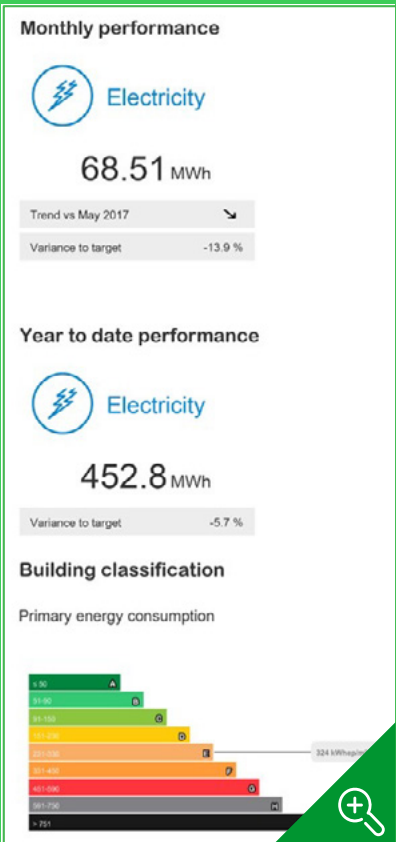
Site comparison, energy consumption, and targets



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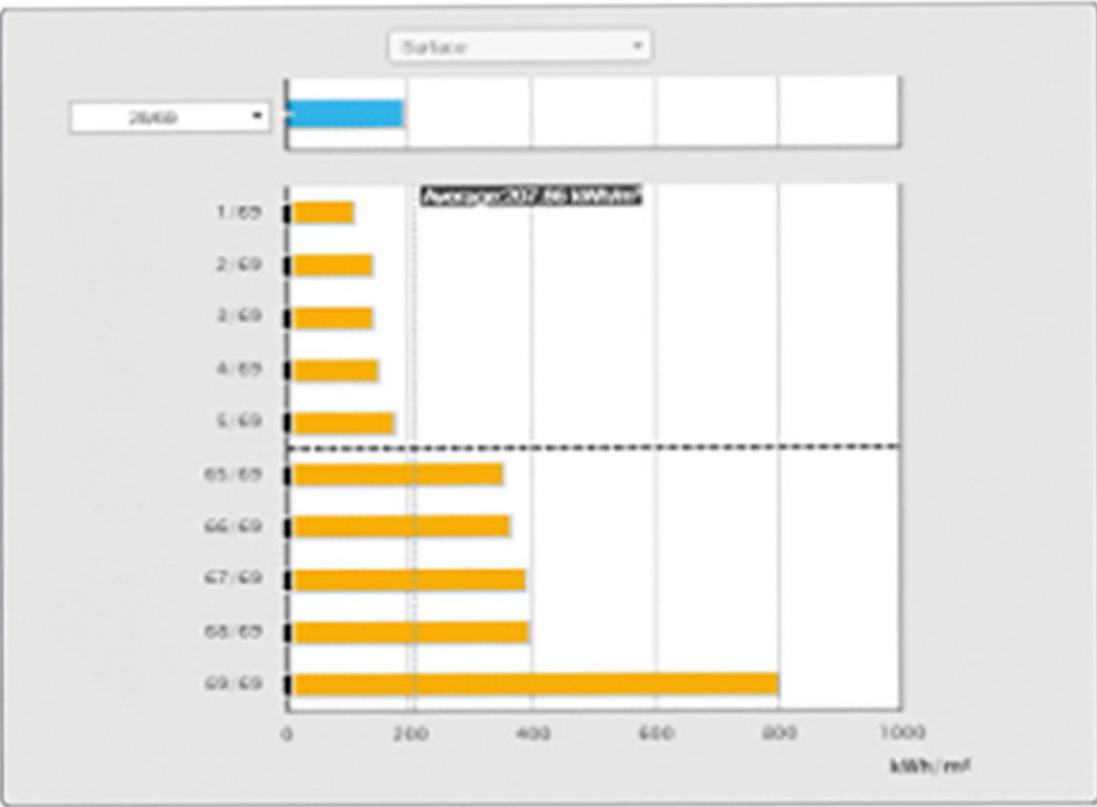


> Improve efficiency

Enhance energy efficiency

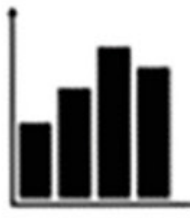
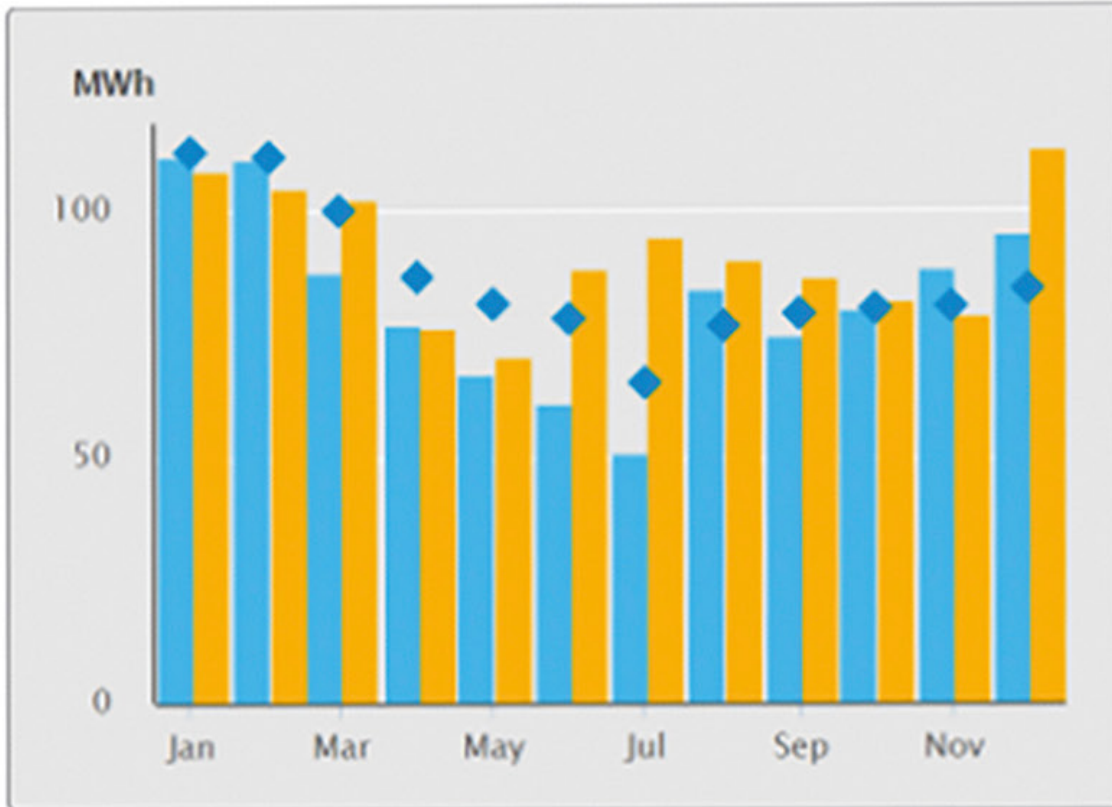
Provide visibility

Site comparison, consumption, and management



Click to visualize the site comparison

This enables you to compare the sites consumptions of all sites of the group per surface area, number of occupants, degree days...



Click to visualize the aggregated consumptions.

This enables you to monitor the aggregated monthly consumptions of all sites of the group.

Efficiency services

Management

Take a closer look

Zoom into EcoStruxure Facility Expert's web portal and have a look at the energy dashboards.

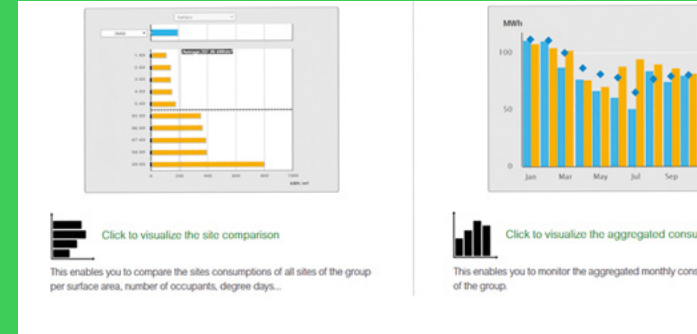
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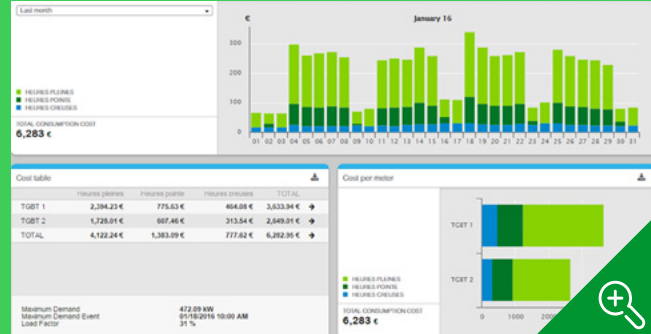
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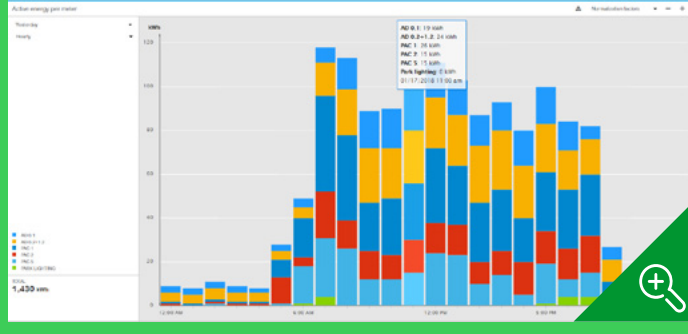
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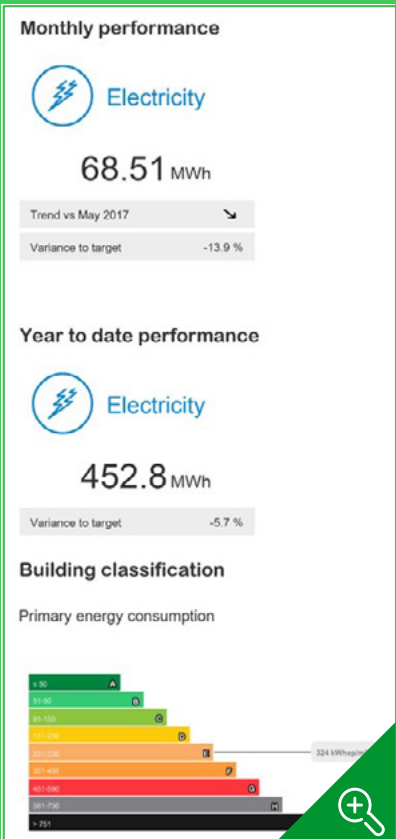
Site comparison, energy consumption, and targets



Power demand with target



Power demand per meter



Energy efficiency

Energy management

