

Eco²truxure™
Innovation At Every Level

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Savoring the best of
tradition and innovation

Maison Manival – Grenoble, France

A traditional French bakery implements connected
technology for smooth and efficient operations.

schneider-electric.com/maisonmanival

Life Is On

Schneider
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With the successful deployment of the EcoStruxure Facility Expert for Small Business monitoring solution, Maison Manival has created an innovative operational model that safeguards the time-honored tradition of baking.

Introduction

Located in the heart of the French Alps, Maison Manival is a bakery founded by Stéphan Massonat, an entrepreneur who returned to Grenoble to reconnect with his country's traditions.

French artisanal bakeries are respected worldwide for their traditional craftsmanship. To uphold their high standards, bakers dedicate long hours to creating consistently perfect breads and pastries.

As part of mastering the art of baking, those in the trade must also ensure their tools remain in good working order, including electrical equipment. Modern bakeries rely heavily on ovens and refrigerators, so any electrical failure spells trouble. For example, an overnight power cut to a fridge full of fresh ingredients or baked goods will result in a considerable loss.

Gaining visibility

Maison Manival implemented Schneider Electric Facility Expert – Small Business for round-the-clock monitoring of all its electrical equipment, from ovens and freezers in the kitchen to lights in the front store.

The latest innovation in connected switchboards, Facility Expert – Small Business is a cloud-based solution with secure remote access. Whether on — or off-site, the staff can check on equipment status using an app for smartphones and tablets.

In the event of an equipment failure or an alarm, during or after business hours, Facility Expert – Small Business instantly informs Maison Manival's manager via the app. This means the manager can promptly call in assistance or remotely resolve the issue, ensuring the bakery functions smoothly even when no staff is on-site.

Goal

Obtain greater visibility of on-site equipment and energy consumption.

Story

The founder of Maison Manival wanted to create an efficient environment where artisan bakers could work with greater peace of mind and efficiency. The challenge was to introduce innovation while preserving the tradition of French bakeries.

Solution

EcoStruxure™ Facility Expert for Small Business with smartphone application for 24/7 monitoring of electrical appliances:

- Alarms and notifications when parameters fall out of the preset range
- Cloud connection for remote monitoring and data access
- Energy metering for energy-consumption tracking
- Load scheduling to optimize energy savings

Results

Greater peace of mind thanks to enhanced safety and reliability as well as efficient energy management.

When the bakery opens in the mornings, pre-programmed settings in Facility Expert – Small Business turn on the shop’s lights to draw in the passing foot traffic.

Achieving efficiency through innovation

Facility Expert – Small Business also monitors equipment operation, providing an at-a-glance summary that helps staff ensure the equipment is running at the most cost-efficient level. Furthermore, this

energy-consumption data allows the owner to allocate costs accurately as well as fosters energy awareness among the staff.

The working environment at Maison Manival is safer and more efficient thanks to the visibility enabled by Facility Expert – Small Business. With the successful deployment of the solution, Maison Manival has created an innovative operational model that safeguards the time-honored tradition of artisan bakeries.

“We need a more advanced technique to allow artisans to work with more peace of mind.”

— Stéphan Massonat

“The use of Schneider Electric technology has radically changed my life. Knowing that I have access, immediately, to the interior of my lab – it lets me be there when I’m not.”

— Stéphan Massonat, the founder of Maison Manival



EcoStruxure Power
Innovation At Every Level



EcoStruxure™

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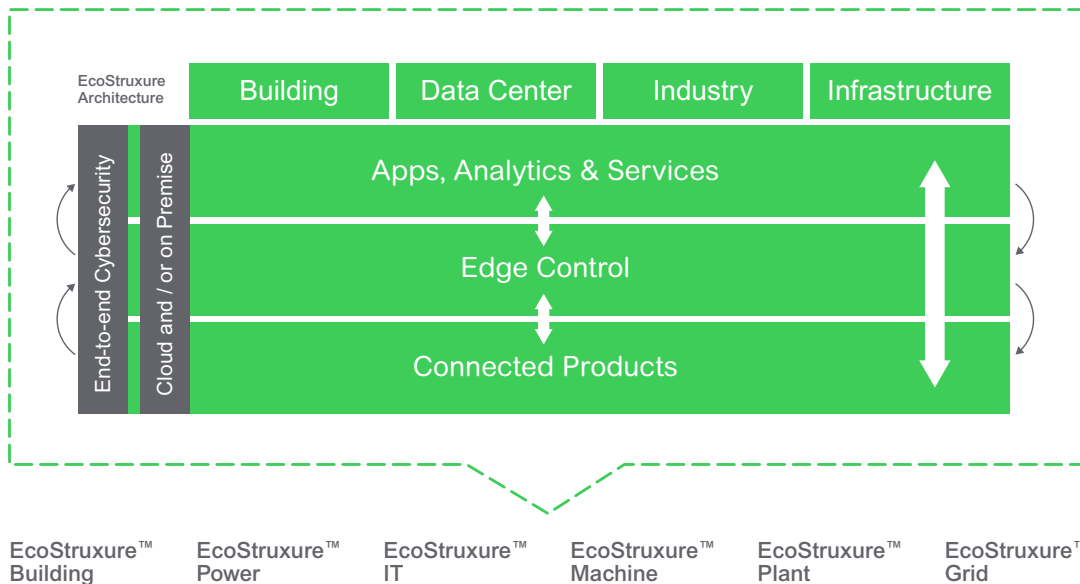
IoT-enabled solutions that drive operational and energy efficiency

EcoStruxure is Schneider Electric’s open, interoperable, IoT-enabled system architecture and platform.

EcoStruxure delivers enhanced value around safety, reliability, efficiency, sustainability, and connectivity for our customers.

EcoStruxure leverages advancements in IoT, mobility, sensing, cloud, analytics, and cybersecurity to deliver Innovation at Every Level including Connected Products, Edge Control, and Apps, Analytics & Services. 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.

One EcoStruxure architecture, serving 4 End Markets with 6 Domains of Expertise



Connected Products

The Internet of Things starts with the best things. Our IoT-enabled best-in-class connected products include breakers, drives, UPSs, relays, sensors, and more. Devices with embedded intelligence drive better decision-making throughout operations.

Edge Control

Mission-critical scenarios can be unpredictable, so control of devices at the edge of the IoT network is a must. This essential capability provides real-time solutions that enable local control at the edge, protecting safety and uptime.

Apps, Analytics & Services

Interoperability is imperative to supporting the diverse hardware and systems in building, data center, industry, and grid environments. EcoStruxure enables a breadth of agnostic Applications, Analytics, & Services for seamless enterprise integration.

Find out more about EcoStruxure

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Creating a life-saving environment through EcoStruxure™

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