

SIEMENS



Retail & Commercial Solutions

Siemens EcoView™

Energy Management Made Easier

www.siemens.com/ecoview

Control energy usage. Reduce costs.

Introducing Siemens EcoView™ — an easy-to use and affordable end-to-end energy management solution.

Your local Siemens Solution Partner has helped customers throughout the region improve the efficiency of their buildings and operations. With Siemens EcoView, you can lower energy consumption and costs while controlling HVAC and lighting from anywhere.

Count on Siemens to help you create an environment that's more comfortable and pleasing to customers, more productive for employees, and better for your community. Your local Siemens Solution Partner has helped customers throughout the region improve the efficiency of their buildings and operations every day.

Continually rising energy prices put real pressure on a retail business. An energy management system helps curtail energy usage, lower energy bills, and optimize customer and employee comfort through advanced scheduling, controlling and monitoring of HVAC and lighting consumption. Siemens EcoView Energy Management System is an affordable, easy to install and easy to use solution.

After conducting extensive testing in various environments across the United States, Siemens EcoView has been proven to lower energy consumption and costs through a sustainable, end-to-end energy management solution that offers visibility and control of HVAC and lighting from one central point.

Siemens' global perspective helps retail businesses save time and money

Around the world, sophisticated Siemens products are relied upon to keep building performing optimally. You can rest assured that with our local availability, industry-leading Siemens technology, and 24/7 support, your indoor environment can perform more efficiently — today and into the future.

We've implemented solutions in all types of environments to create substantive and sustainable savings, and greater productivity. With EcoView, your business can manage energy more efficiently and create more comfortable environments for customers and employees.



Key EcoView benefits:

Anywhere accessibility

Schedule, control and monitor your HVAC, lighting and other energy loads either on-site or remotely through the internet-enabled EcoView Web application, through wireless devices or mobile smartphone apps.

Rapid return on investment

Confirmed data has demonstrated that EcoView may reduce HVAC and lighting consumption by up to 18%, typically delivering a return on investment in less than 24 months.

Fast & easy installation

Wireless equipment and drop in thermostats install without the need for new wiring, ensuring no restaurant downtime or disruptions. This means you start saving almost immediately.

Scalable to your needs

Centralized visibility monitors multiple locations, today or when expanding in the future.

Proven system

Siemens has rigorously tested EcoView in locations across the United States, with proven results time after time.

Quick responses through 24/7 coverage and local support

We are local and invested in the community. Our understanding of the specifications required and familiarity with the contractors best suited for the job help ensure installations and employee training run smoothly. This close proximity not only allows us to serve you better, but makes us more cost competitive as well.

Support for the life of the system

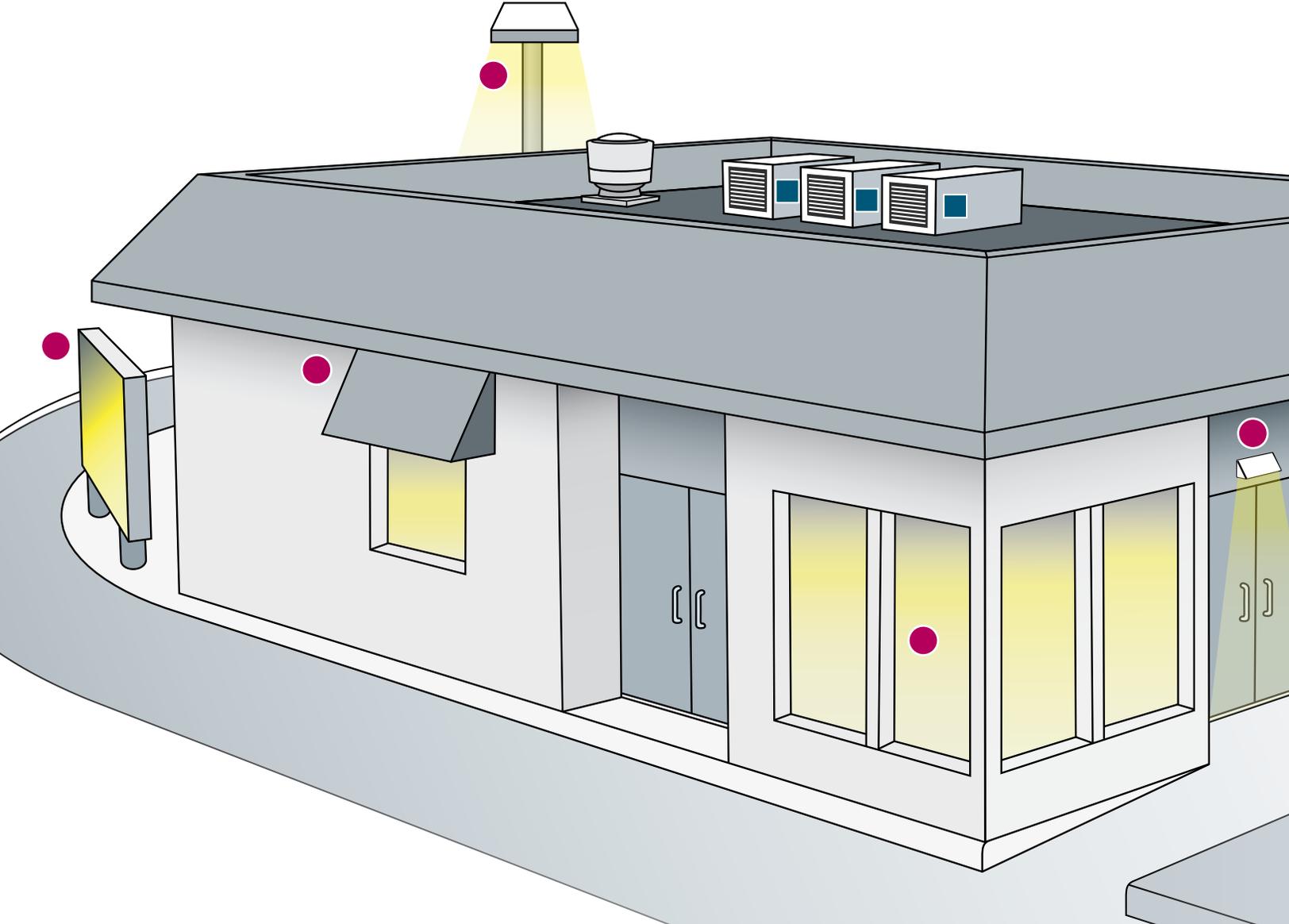
As a Siemens Solution Partner, we have the backing of a global leader. This provides you with superior solutions, easily accessible 24/7 technical support, and a fast response to any business concerns.

- Installation and service capabilities located throughout the U.S. give us an expert perspective on all types of systems and environments
- After the sale, a 24/7 support center ensures peace-of-mind should any questions or issues occur.
- Your local Siemens Solution Partner will provide on-site training when the system is installed. In a short time, you will be utilizing the Web interface and touchscreen to realize energy savings.
- Remote access services, including reporting and alarm notification, virtually eliminate on-site customer coordination.

We've implemented solutions in all types of environments to create substantive and sustainable savings, and greater productivity.

Easily Control Your Energy Consumption

Ensure the comfort of guests and employees by controlling the lighting and HVAC systems through simple, yet sophisticated touchscreen navigation.



Touchscreen – Typically located in manager’s office

■ **Thermostats** – Control heating and cooling through wireless communication with the Touchscreen, wired to HVAC units.

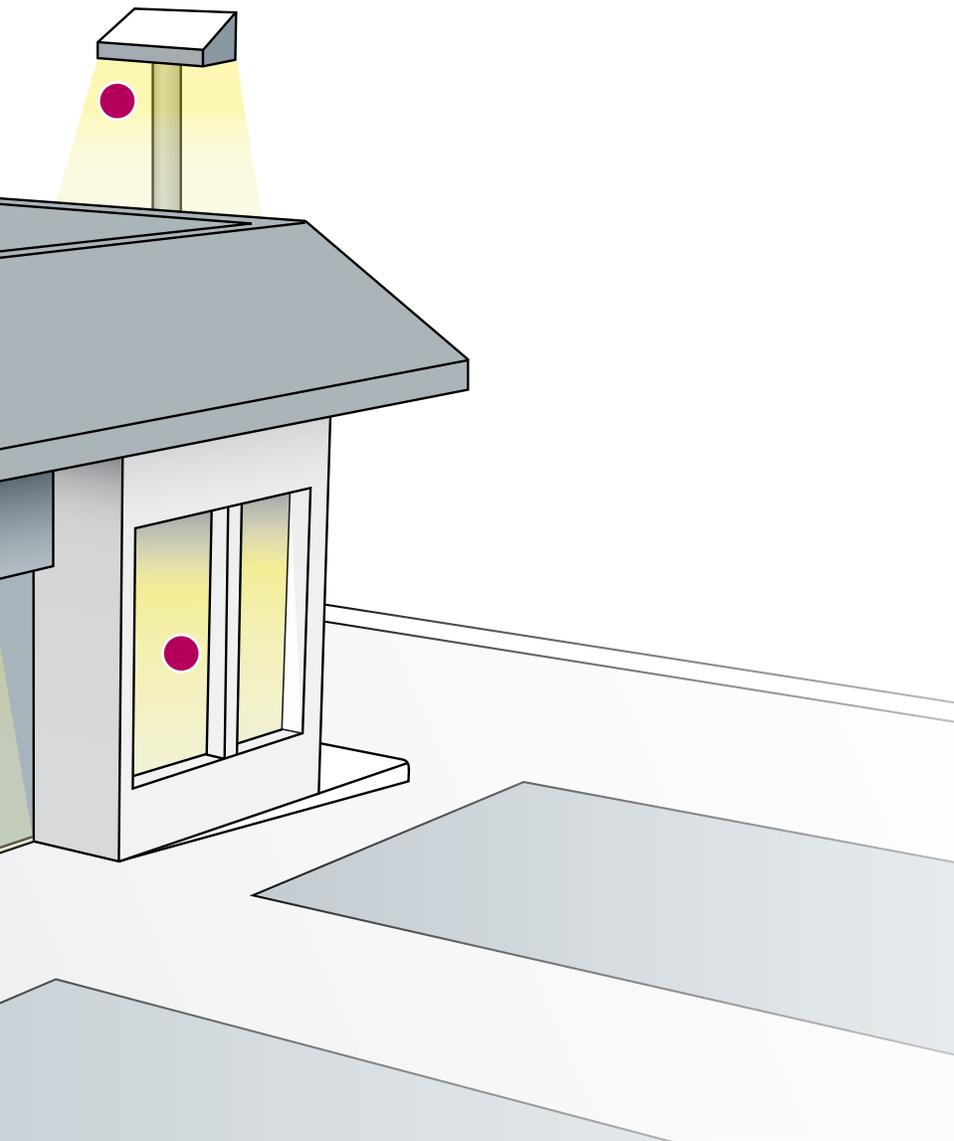


Area 1 Thermostat



Area 2 Thermostat

mption



Connectivity made easy with Siemens Wireless Solution

With wireless technology that's been fully tested, you can monitor, manage and control the energy consumption of all of your locations. Using the touchscreen, EcoView Web or your smartphone, connecting from anywhere provides you with exceptional convenience.



Area 3 Thermostat

● **8DO Module** – Control lighting components through wireless communication with the Touchscreen and wired connection to lighting circuits.



Lighting Control – Typically located in electrical closet

Multi-phase Meter – Allows for real-time tracking of energy consumption.



Multi-phase Meter – Typically located in electrical closet

Touchscreen panels and easy-to-use products

State-of-the-art Siemens field devices install quickly, require only minimal training, and perform reliably to minimize business disruptions. Wireless technology, dependable components, and an intuitive touchscreen interface keep your employees productive and environment comfortable.

Heating, Ventilation, Air Conditioning, Exterior Lighting Control, and Power Monitoring

- 7" Color Touchscreen Panel
- Wireless Thermostats Sensors
- EcoView Web
- Wireless 8 Digital Output Module
- Wireless Multi-phase Meter
- Current Transformers

EcoView Touchscreen

- 7-in. touch panel gateway to the Internet, enabling wireless control of thermostats, power meters, and other load control devices
- Installs on any wall using single Ethernet cable to provide power and Internet access
- Group control and monitoring functions performed by touchscreen
- Real-time and historical data dashboard displayed in powerful colorful visual graphics
- All firmware and user interface upgrades are delivered seamlessly over the Internet
- Touchscreen can also receive and display text-based messages, which can be created via the Siemens EcoView Web application
- Local alerts for HVAC alarms

EcoView Web

- Remotely monitor and control HVAC, lighting, and other electrical loads for multiple locations, from a single, centralized interface
- Provides real-time data on consumption, temperatures and settings

EcoView Wireless Thermostat

- Replaces standard 24V HVAC thermostats, elevating the functionality of a standard 24V HVAC thermostats through wireless communication
- Advanced, energy-saving control algorithms maximize savings and performance
- Control local set points and make adjustments within prescribed limits
- Ability to add remote temperature sensing (i.e. space)
- Optional auxiliary temperature sensing for monitoring (i.e. supply air)

EcoView 8DO Module

- An eight-channel controller module manages lighting that would benefit from scheduling
- Access lighting control via the touchscreen or remotely through Siemens EcoView Web

EcoView Multi-phase Meter

- Measures real-time energy demand as well as historical consumption
- Updates delivered to touchscreen and reported to the Internet via Siemens EcoView Web application
- Split-core current transformers eliminates need to shut off power mains during installation

Scalable and affordable solutions

Implementing an energy management solution is as simple as one call. From consultation and installation through ongoing monitoring and services, we will ensure EcoView meets your needs — today and tomorrow.



Temperature Points



Lighting



Power Monitoring

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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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Every day, we help our customers improve the efficiency of their buildings and operations. Count on your local Siemens Solution Partner for solutions that create an environment that's more comfortable and pleasing to customers, more productive for employees, and better for your community. Contact us today!