

Venstar Inc.
Surveyor Energy Management System
Product Fact Sheet

Surveyor Overview

Surveyor® is a leading energy management system (EMS) for small-box retail chains and other multi-location businesses, helping them save tens of millions of dollars in annual energy costs and reduce CO₂ emissions while giving them unprecedented visibility into their stores. Surveyor empowers small-box retailers and other multi-location businesses to remotely monitor, control and manage the HVAC, lighting/electrical and mechanical systems in all their stores, giving them unparalleled access into their energy usage.

Surveyor is the choice of major retail chains including AutoZone, Family Dollar and others. It is currently installed in more than 13,000 locations throughout North America, controlling more than 55,000 rooftop HVAC systems and lighting control panels.

A Single Person Can Remotely Control Energy Usage for Thousands of Stores

With Surveyor, a single person can easily control existing HVAC, lighting/electrical and mechanical systems at thousands of locations via the Internet through their secure corporate network while monitoring environmental conditions and system performance.

Whether it's for a chain with hundreds or thousands of locations, Surveyor allows authorized users to look at the equipment, change set points, run exception reports and energy usage reports for the entire chain, individual locations, or by groupings of locations. Surveyor gives users unprecedented visibility into their locations.

Anytime/Anywhere Access to Surveyor-Equipped Stores

- Surveyor works via the Internet, giving facilities managers secure access to the HVAC lighting/electrical and mechanical systems at their stores and empowering them to program optimal store conditions, as well as lighting usage.
- Surveyor can be monitored and controlled from the user's desktop computer, laptop or any telephone.
- Surveyor's iPhone® mobility application allows facilities managers access to the energy management system from virtually anywhere there is cellular or Internet coverage.

Make System Changes Globally or to Individual Stores and Regions

- Facilities managers can make changes via the Internet at the touch of a button, including global changes to thousands of stores.

- Surveyor also allows facilities managers to adjust HVAC, lighting/electrical and mechanical systems to meet each store's specific requirements, which enables dramatic cost savings.
- Users can also make adjustments on demand to handle last-minute schedule changes, such as extra hours, unusual maintenance or inventories. Surveyor allows multiple pre-set schedules to accommodate regular store hours, cleaning/maintenance crew hours and deliveries.
- With Surveyor, users can also manage outdoor lighting at the stores where it's under their control.

Custom, Standard and Exception Reporting

- Custom, standard and exception reporting, along with real-time live views into stores, gives users increased business intelligence about their stores' HVAC, lighting/electrical and mechanical systems.
- Extensive data mining, diagnostics, and analysis empower users to manage their stores by a variety of criteria, including weather conditions.

Immediately Identify, Repair or Replace Broken or Malfunctioning Equipment

- Surveyor allows facilities managers to see which equipment is working optimally and which ones need service or repairs.
- By being able to proactively handle service and repairs, facilities managers are able to reduce maintenance costs while ensuring a minimum of down time.

Secure Access by User-Defined Security Levels

- User-defined security levels provide effective company-wide access to the system without compromising security.
- Users can be allowed access based on a wide variety of criteria, such as read-only, restricted access (such as to a specific region), or full access. It can also be granted based on titles or employee designations.
- Access is configurable for each company based on its unique needs.
- Multiple users can access specific store information at the same time.

Configuration Options

- Surveyor's designed-in flexibility affords the system administrators the ability to configure the system to each chain's unique needs.
- Configurable data includes security levels, access, ability to sort stores by a variety of criteria, specific needs of facilities or energy managers, and much more.

How Surveyor Works

Each piece of the user's energy-consuming equipment has sensors installed that communicate to the user's Surveyor system via the Internet. The sensors can be added to virtually any manufacturer's equipment, allowing users to retrofit their existing equipment without buying new equipment. Some of the biggest manufacturers in HVAC, including Carrier and York, have Surveyor controls available as a factory-installed option. For added flexibility for mobile users, the Surveyor iPhone application provides users the ability to monitor and control the Surveyor system on the go.

Bottom Line: 25 Percent Savings on Energy Costs, ROI in Less Than 18 Months

- Surveyor users typically save 25 percent on their HVAC, lighting/electrical and mechanical equipment costs.
- Surveyor delivers return on investment typically in less than 18 months.
- Surveyor is typically less expensive than the competition, with a richer feature set.
- Surveyor gives its users unprecedented visibility into their locations.
- Surveyor allows facilities management to do more with less.

Reduced Environmental Impact

- Surveyor helps companies go green by reducing energy use, resulting in reduced CO₂ emissions typically equivalent to taking tens of thousands of cars off the road, saving millions of gallons of gasoline, or planting millions of trees.
- Surveyor helps companies meet their green initiatives.

Markets/Industries Served

- Small-box retailers, including:
 - Retail stores
 - Quick-Service and Dine-in Restaurants
 - Healthcare/Medical
 - Banking and Financial Services
 - Any multi-site business with hundreds or thousands of locations

Prominent Surveyor Customers

Surveyor currently controls the energy usage of more than 13,000 retail locations throughout North America, including:

- AutoZone
- Family Dollar

Distribution Model

Venstar® sells its Surveyor Energy Management System directly, not through distribution.

About Venstar Inc.:

Founded in 1992, Venstar Inc. is a leading thermostat and energy management system (EMS) supplier, known for providing value to its customers via ease of use and installation, proven cost savings, improved energy efficiency, quality and reliability. Venstar is one of the largest thermostat suppliers in the world and designs and produces Venstar-branded products, as well as OEM thermostat products for the biggest names in HVAC. Venstar's Surveyor is a leading energy management system, typically saving small-box retailers 25 percent of their energy costs, which translates to millions of dollars in savings and dramatic reductions in CO₂ emissions. Surveyor currently controls the energy usage of more than 13,000 retail locations across the United States, Mexico, Puerto Rico, and Canada.

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