

Description

Autani's *EnergyCenter* software integrates any combination of lighting, metering, HVAC/environmental, refrigeration, and sensor applications into a single management platform that optimizes energy use based on schedules, occupancy, demand response, and local input.

EnergyCenter delivers an easy-to-use web-based interface that provides local or remote access for programming, monitoring, and controlling energy consumption within a single building or across an entire portfolio. Featuring ready access to real-time energy consumption data, *EnergyCenter* makes it easy to evaluate system performance, provide measurement and verification data to utility companies, and optimize energy use. Powerful yet easy-to-use, *EnergyCenter* software also supports integration with other systems, such as BACnet, MODBUS and Tridium Niagara AX. Additionally, *EnergyCenter* supports select certified Zigbee HA devices. *Contact your sales rep for a current list of supported devices.*

As a fully customizable solution, *EnergyCenter* software allows facilities to choose which area(s) of energy consumption to manage. If desired, other areas can be seamlessly integrated as needed.

Applications

Autani's EnergyCenter software is suitable for renovation, upgrade, and new construction projects

- Private & Open Offices
- Corridors & Hallways
- Classrooms & Gymnasiums
- Warehouse Spaces & Manufacturing Areas
- Patient Care Rooms
- Transportation Terminals
- Retail & Grocery Stores



Features

- Create custom schedules with events to control HVAC and lighting responses
- Occupancy-based events and rules can be used to manage temperature and lighting based on space usage
- Multiple curtailment levels for demand response
- Monitor and verify energy consumption with up-to-the-minute data represented through charts, graphs, and reports
- Provides estimated and actual data on daily cost, energy consumption, and pounds of CO2 generated by energy consumption
- Integrated support for third party devices
- Real-time alerting for user-defined and system events via email or smart phone
- Secure access prevents unauthorized users from logging into the system
- *autaniNet* secure wireless 2.4GHz communications with network devices
- **Designed & Made in the USA**

System Requirements

- *EnergyCenter* software requires an Autani Manager appliance with installed Ethernet card and *autaniNet* wireless gateway.
- HVAC control requires one or more Autani wireless thermostats connected to a compatible heating and cooling system.
- Lighting control requires one or more Autani sensors connected to a compatible load.
- Daylight dimming requires one or more Autani sensors connected to a compatible load and a 0-10vDC photocell.
- Occupancy control requires at least one connected motion sensor.
- Metering, revenue-grade metering, and verification require at least one connected Autani wireless meter.
- Cost and CO2 estimates are based upon user-provided input.
- Fan control requires one or more compatible destratification fans with *autaniNet* capability.
- Plug load control requires at least one controllable device connected to a compatible load.
- Modbus and custom interfaces for other automation systems are available.
- Web access requires Ethernet connectivity and a compatible device with a web browser. Access may vary based on software and services selected.

Ordering Information

SKU	Description
A08-01-3152-01	<p>Autani Energy Manager Appliance with EnergyCenter 35 Software</p> <p><i>Supports a maximum of 35 Zigbee edge devices. Includes 35 Zigbee Edge Device Connection licenses. A communication device must be purchased separately.</i></p>
A08-01-3152-02	<p>Autani Energy Manager Appliance with EnergyCenter 100 Software</p> <p><i>Supports a maximum of 100 Zigbee edge devices. A communication device and Zigbee Edge Device Connection license (for each connected device) must be purchased separately.</i></p>
A08-01-3152-03	<p>Autani Energy Manager Appliance with EnergyCenter Enterprise Software</p> <p><i>Supports a maximum of 600 Zigbee edge devices. A communication device and Zigbee Edge Device Connection license (for each connected device) must be purchased separately.</i></p>