

### 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 *WRC* Series Room Controllers or *AFC* Fixture Controllers connected to a compatible load.
- Daylight dimming requires one or more *AFC* Fixture Controllers connected to a compatible load and a 0-10vDC photocell.
- Occupancy control requires at least one connected motion sensor.
- Metering and verification requires 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	Autani Energy Manager Appliance with EnergyCenter 35 Software (supports a maximum of 35 Zigbee edge devices). Includes 35 Zigbee Edge Device Connection licenses. A communication device must be purchased separately.
A08-01-3152-02	Autani Energy Manager Appliance with EnergyCenter 100 Software (supports a maximum of 100 Zigbee edge devices). A communication device and Zigbee Edge Device Connection licenses (for each connected device) must be purchased separately.
A08-01-3152-03	Autani Energy Manager Appliance with EnergyCenter Enterprise Software (supports a maximum of 600 Zigbee edge devices). A communication device and Zigbee Edge Device Connection licenses (for each connected device) must be purchased separately.