

# OpenBAS

BUILDING  
AUTOMATION  
SYSTEM



[mircom.com/OpenBAS](http://mircom.com/OpenBAS)

 **Mircom**<sup>TM</sup>  
Safer • Smarter • More Livable Buildings

# WHY CHOOSE MIRCOM'S OPENBAS?

**A single solution** to all your building automation needs, OpenBAS covers all applications from HVAC to Lighting to Power Metering.

**Seamless integration** with retrofit and third party systems allows for simple installation and no unaesthetic extra wiring. With support for many industry standard protocols, OpenBAS allows for third party head-end software integration to provide a complete management solution.

**Scalable and Expandable** to provide solutions for small, medium, or large scale applications.

## TURN YOUR BUILDING INTO AN INTELLIGENT BUILDING WITH MIRCOM'S OPENBAS

Mircom's OpenBAS (Building Automation System) offers a variety of UL/ULC listed controllers and supporting accessories that can be easily integrated into any industrial, commercial, or residential application.

OpenBAS delivers HVAC, Lighting, Power Metering, and VAV Fan and Coil control to optimize comfort and energy management within a facility. OpenBAS controllers are programmable and configurable with standard and advanced functions via a configuration tool that was developed directly with our customers to accommodate any custom application.



### NX10 Series

Main/Universal HVAC Controllers

Mircom's OpenBAS-HV-NX10 series of Building Automation Controllers are aimed to provide various HVAC, energy management, and lighting control solutions that offer building owners and managers seamless operation.



### OpenBAS-HV-VAVFC

HVAC Controller for Variable Air Volume Box and Fan & Coil Applications

Mircom's OpenBAS-HV-VAVFC is a terminal controller for variable air volume (VAV) boxes and fan & coil applications. It includes wireless and RS-485 wired interfaces with support for multiple protocols. The VAVFC is designed to cover all industry standard HVAC unitary applications.



### OpenBAS-LC-NX12R

Lighting Controller with LED Display

Mircom's OpenBAS-LC-NX12R Lighting Controller with LED Display includes fully customizable control logic, scheduling, trending, and alarms. The NX12R can seamlessly control up to 12 external lighting circuits per controller and 48 lighting circuits by daisy-chaining up to 4 together with the included cables.



### OpenBAS-NWK-ETH3

Ethernet Gateway

Mircom's OpenBAS-NWK-ETH3 Ethernet Gateway is a network adaptor card with simultaneous multiprotocol support in both Ethernet and field bus that provides a web server and IP protocol capabilities.



### OpenBAS-HV-WLSTH

Wireless Temperature & Humidity Transmitter

Mircom's OpenBAS-HV-WLSTH Wireless Temperature and Humidity Transmitter works with the OpenBAS-HV-VAVFC Receiver to provide an easy to set up HVAC control system for HVAC end unit applications such as: variable air volume (VAV) boxes, fan and coil units, mini split, water source chiller and heat pump units.



### OpenBAS-PM-ME11

Three-Phase High Voltage Power Meter and Energy Analyzer

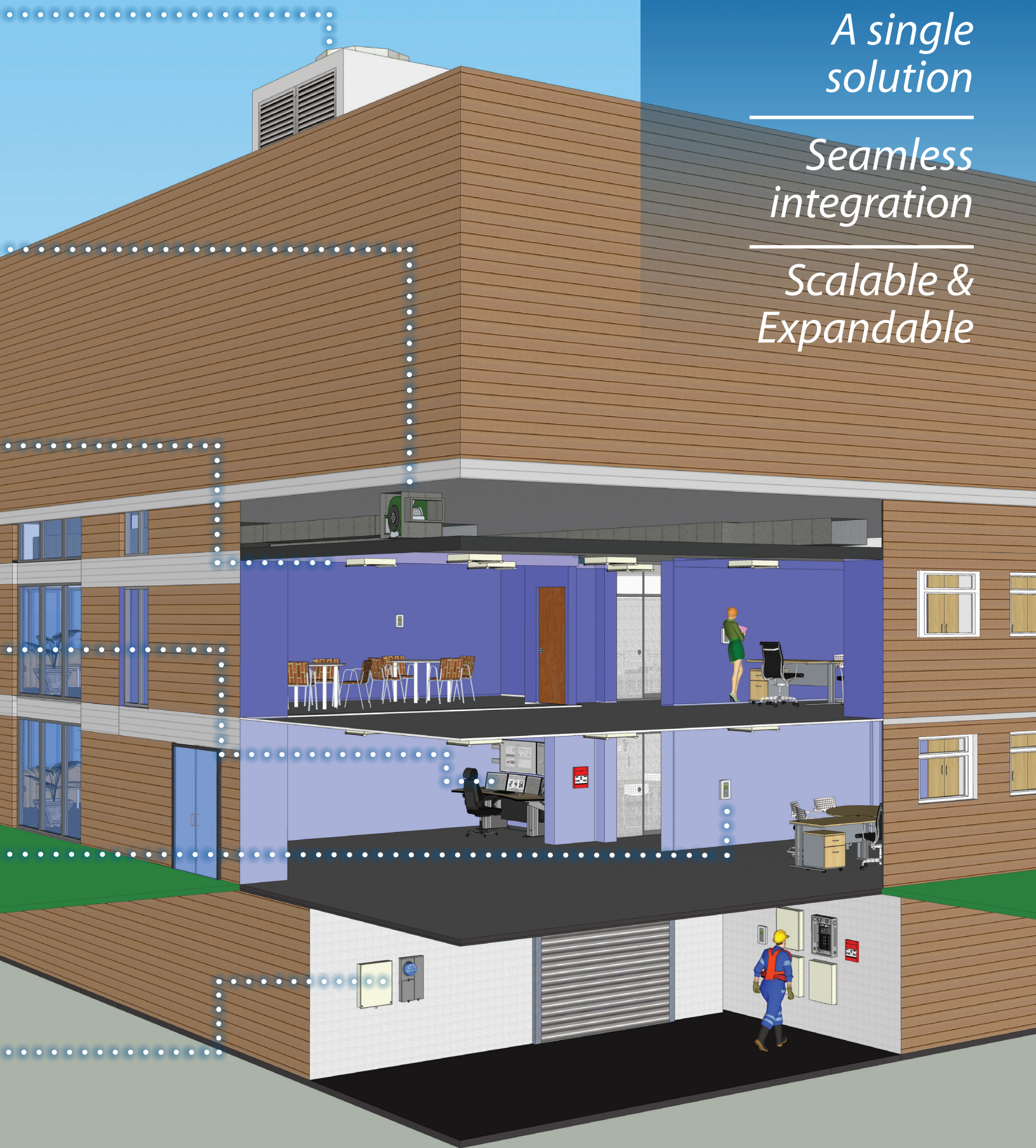
Mircom's OpenBAS-PM-ME11 Power Meter is a high voltage, three-phase power meter and energy analyzer. Designed to gather and store data on Power (kW/KWh), Voltage (V), Current (A) and to calculate virtually all relevant parameters on three-phase or single-phase installations. Some instantaneous output readings include: Volts, Amperes, kVA, kW, PF, %THD, peak values of each phase as well as all three phases.



*A single  
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*Seamless  
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#### **About the Mircom Group of Companies**

Founded in 1991, Mircom is a global designer, manufacturer and distributor of Intelligent Building Solutions. Reaching customers in over 100 countries worldwide, Mircom's portfolio includes: fire detection & alarm, communications & security, mass notification, nurse call, and building automation & smart technologies. Mircom's vision is to make buildings worldwide safer, smarter, and more livable.

Our global network of dedicated Sales and Service Offices, known as Mircom Engineered Systems, allows us to be a full solution provider. Through Mircom ES, we're able to provide and fully service our line-up of innovative and advanced solutions which are scalable to satisfy diverse user demands, from small & mid-size buildings to the world's most complex applications.

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