LEVITON®

When to Use VerifEye™ Meters
Selecting the Best Meter For All Applications

Selection Strategies for VerifEye Meters
DESIGNING THE BEST SUBMETERING SOLUTION FOR APPLICATIONS OF ALL SIZES AND SCOPES

VerifEye delivers a comprehensive line of leading-edge meters, which form the foundation of a facility's complete submetering system. In order to select the appropriate meter for your unique application, it is important to keep specific project parameters and goals in mind:
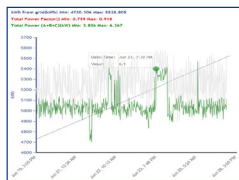
- What is the size of the facility?
- What is the facility designed to be used for?
- What are the measurement and verification needs of the end user and building manager?

Following the specific application and end user needs of the space simplifies the selection of a VerifEye submeter, and the inclusion of additional system components, including communication hubs and software.

ALL-IN-ONE METERING SOLUTION

EMH+ All-in-One
Meter and Hub

BMO 2.0
Software

FEATURES:
- EMH+ combines a revenue-grade power meter and data acquisition hub into a flexible, all-in-one package
- Costs up to 30% less than other bundled meter and data acquisition services

IDEAL APPLICATIONS:
- Franchise locations
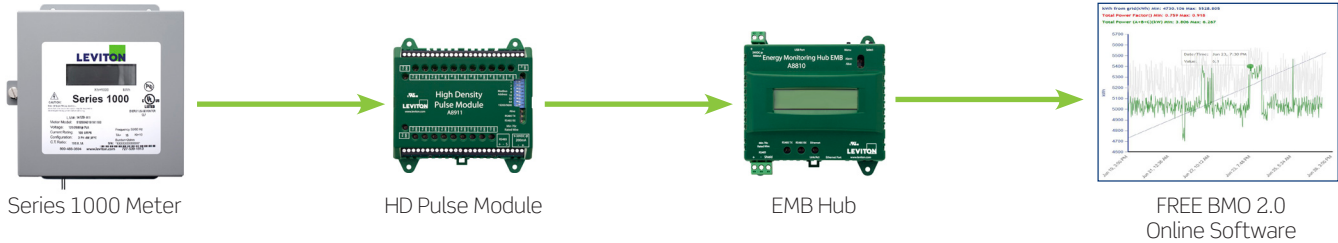- Small to mid-size commercial
- Campuses

WHAT YOU WILL NEED

Wireless Tenant Billing Communication Solution		
	EMH+ All-in-One Meter and Hub | A8814-xxx* • Includes a revenue-grade meter, communication device and FREE BMO 2.0 software	1
	BMO 2.0 Software | BMOSW • Quickly access energy consumption information via a FREE web-based platform**	1

*Multiple configurations and enclosures available—see data sheet for more information
**BMO 2.0 software available free with purchase of a VerifEye submetering hub—contact Leviton for more information

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SERIES 1000 METER SINGLE PHASE SOLUTION

Series 1000 Meter → HD Pulse Module → EMB Hub → FREE BMO 2.0 Online Software

WHEN TO USE:
- For single phase submetering applications
- In applications that surpass the Mini Meter's 240V rating
- Simplified energy data viewing via FREE BMO 2.0 online software
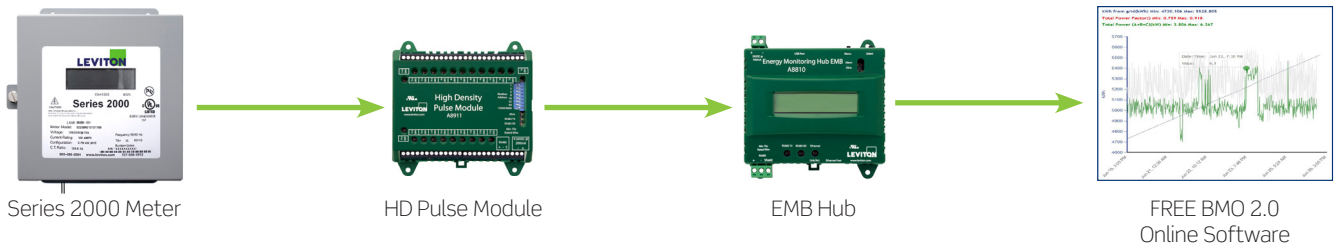
IDEAL APPLICATIONS:
- Commercial applications with 277V services
- Classrooms
- Office complexes

WHAT YOU WILL NEED

Series 1000 Meter Single Phase Solution		
	Series 1000 Meter | 1N120-xxx* • Single phase meter	1
	HD Pulse Module | A8911-023 • Brings banks of pulse submeters into ModBus networks	1
	EMB Hub | A8810-000 • Pushes ModBus data to the web for viewing	1
	BMO 2.0 Online Software | BMOSW • Quickly access energy consumption information on our FREE web-based platform**	1

**BMO 2.0 software available free with purchase of a VerifEye submetering hub—contact Leviton for more information

SERIES 2000 METER THREE PHASE SOLUTION

Series 2000 Meter → HD Pulse Module → EMB Hub → FREE BMO 2.0 Online Software

WHEN TO USE:
- For three phase submetering applications
- Particularly well-suited for standalone retail applications
- Simplified energy data viewing via FREE BMO 2.0 online software

IDEAL APPLICATIONS:
- Retail
- Restaurants
- Airports
- Education
- Hospitality

WHAT YOU WILL NEED

Series 2000 Meter Three Phase Solution		
	Series 2000 Meter | 2N208-xxx* • Three phase meter	1
	HD Pulse Module | A8911-023 • Brings banks of pulse submeters into ModBus networks	1
	EMB Hub | A8810-000 • Pushes ModBus data to the web for viewing	1
	BMO 2.0 Online Software | BMOSW • Quickly access energy consumption information on our FREE web-based platform**	1

**BMO 2.0 software available free with purchase of a VerifEye submetering hub—contact Leviton for more information

SERIES 3500 MULTI-FUNCTION ETHERNET SOLUTION

Series 3500 Meter → EMB Hub → FREE BMO 2.0 Online Software | BillSuite Software | Energy Manager Software

WHEN TO USE:
- For three-phase and larger amperage applications
- IP applications
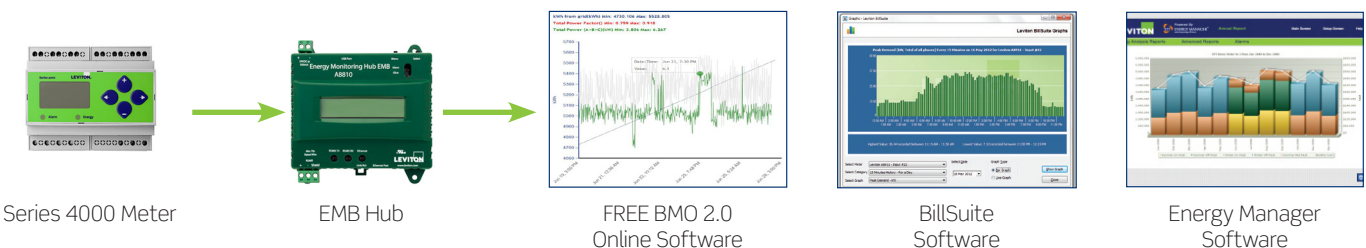- Commercial/industrial environments utilizing BAS/BMS integration

IDEAL APPLICATIONS:
- Commercial office buildings utilizing BAS/BMS
- Institutional facilities utilizing BAS/BMS
- Manufacturing facilities utilizing BAS/BMS

WHAT YOU WILL NEED

Series 3500 Multi-Function Ethernet Solution		
	Series 3500 Meter | 3xUxx-xxx* • Multi-function smart metering with ModBus TCP/IP and BACnet IP protocols	1
	EMB Hub | A8810-000 • Pushes ModBus data to the web for viewing	1
	VerifEye Software | BMOSW, LBSSW or LEMS8 • Works with multiple VerifEye software platforms—visit www.leviton.com/verifeyesoftware for more information and to compare programs	1

SERIES 4000 INDUSTRIAL MODBUS METER SOLUTION

Series 4000 Meter → EMB Hub → FREE BMO 2.0 Online Software | BillSuite Software | Energy Manager Software
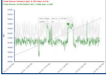
WHEN TO USE:
- Offers larger-scale three phase metering
- Rated for the demanding conditions of industrial and manufacturing facilities
- Most in-depth software capabilities with BillSuite tenant billing and Energy Manager real-time energy management

IDEAL APPLICATIONS:
- Industrial
- Manufacturing
- Variable frequency drive (VFD) noisy environments
- Hospitals
- Convention centers

WHAT YOU WILL NEED

Series 4000 Industrial Modbus Meter Solution		
	Series 4000 Meter | 4KUMR-xxx* • Revenue-grade three phase industrial-grade meters	1
	EMB Hub | A8810-000 • Pushes ModBus data to the web for viewing	1
	VerifEye Software | BMOSW, LBSSW or LEMS8 • Works with multiple VerifEye software platforms—visit www.leviton.com/verifeyesoftware for more information and to compare programs	1

*Multiple configurations and enclosures available—see data sheet for more information
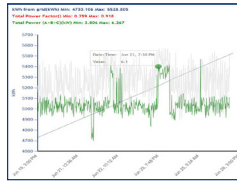
LEVITON®

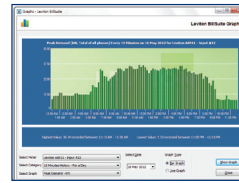## SERIES 8000 HIGH DENSITY METER SOLUTION

Series 8000 Meter → EMB Hub → FREE BMO 2.0 Online Software | BillSuite Software | Energy Manager Software

FEATURES:
- Designed for the largest scale, highest density submetering projects
- Well-suited for medium and large scale commercial retrofits
- Most in-depth software capabilities with BillSuite tenant billing and Energy Manager real-time energy management

USE FOR:
- Multi-tenant office complexes
- Apartment and condo complexes
- Multi-dwelling units (MDUs)
- Retirement communities

WHAT YOU WILL NEED

Series 8000 High Density Meter Solution		
	**Series 8000 Meter	S8xxx-xxx*** • Designed to meter high density applications with Modus and BACnet protocols	1
	**EMB Hub	A8810-000** • Pushes ModBus data to the web for viewing	1
	**BMO 2.0 Online Software	BMOSW** • Quickly access energy consumption information on our FREE web-based platform**	1
	**BillSuite Software	LBSSW** • Automate the tenant billing process by eliminating manual meter readings	1
	**Energy Manager Software	LEMS8** • Analyzes, formats and reports data gathered from VerifEye meters and communication protocols	1

**BMO 2.0 software available free with purchase of a VerifEye submetering hub—contact Leviton for more information

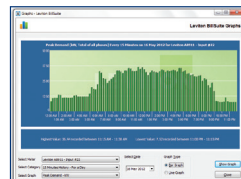## RESIDENTIAL APARTMENT TENANT BILLING SOLUTION

0.5% Mini Meter with Internal Wireless Transceiver | Wireless Repeater | DCAP | BillSuite Software

WHEN TO USE:
- Residential property management applications
- When individual tenants require tracking and billing
- Meets rigorous requirements of ANSI 12.20 Class 0.5% Standard for electrical measurement accuracy and performance

IDEAL APPLICATIONS:
- Multiple dwelling units (MDUs)
- Apartments
- Condominiums
- Dorm buildings

WHAT YOU WILL NEED

Wireless Tenant Billing Communication Solution		
	**0.5% Mini Meter	xxxxx-x02*** • Collects revenue-grade data from individual tenants	1 per tenant
	**Wireless Repeater	T101R-05V** • Receives and transmits signals from the various mini meters	1
	**Wireless Data Concentrating Access Point (DCAP)	T201E-xxx*** • Receives data from all area transceivers and transmits it for use in BillSuite Software	1
	**BillSuite Software	LBSSW** • Automate the tenant billing process by eliminating manual meter readings	1

*Multiple configurations and enclosures available—see data sheet for more information