

- Single-Phase Meters
- Three-Phase Meters
- Advanced Meters
- Interval Data Recorders
- Accessories
- Software

## ■ E-Mon Energy™ Software

Accurate and timely snapshots of your facility's energy use are essential to support energy management initiatives. With E-Mon Energy, you can combine all of your utility service data — including electricity, gas, water and steam — into a single location to see how, when and where your facility is using energy. Plus, E-Mon Energy is the first integrated energy intelligence software that allows you to go beyond simple identification of energy use. Now you can allocate utility costs based on actual use by departments, cost centers and tenants. You can even create utility bills for those users.

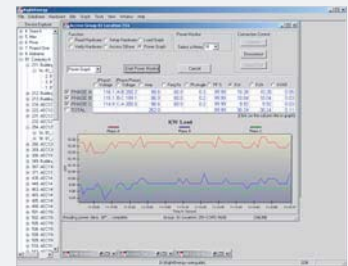
### ■ Key Benefits

- Consolidate** - Monitor all of your utilities, including electricity, gas, water and steam, with a single software package.
- Identify** - Pinpoint exactly how, when and where energy is used within your facility.
- Evaluate** - Find out if your facility is functioning at peak performance and identify inefficiencies quickly.
- Allocate** - Divide utility costs based on actual energy use. Avoid estimations and collect accurate backup records.

### ■ Key Features

- Monitor individual pieces of equipment, specific tenants or departments, common areas and entire buildings.
- Create load profiles and charts of energy usage data.
- Generate utility bills for tenants and departments.
- Versatile communication options integrate with your existing infrastructure to avoid costly rewiring.

### Accurate Energy Data



*Near real-time energy data based on actual use.*

## E-Mon D-Mon® Products

Single-Phase Meters

Three-Phase Meters

Advanced Meters

Interval Data Recorders

Accessories

Software

## ■ E-Mon Energy™ Software

### Chart Energy Use

- Monitor all utility services, including electricity, gas, water and steam.
- Identify poor performers by benchmarking energy levels at multiple facilities.
- Determine specific processes that are not energy-efficient.
- Assess and chart power quality parameters.
- Evaluate, in near real-time, the impact of critical load-shedding activities.
- Compare energy usage by day, week, month or year.
- Schedule energy data collections to occur automatically.

### Cost Allocation by Department or Tenant

- Generate a single, integrated bill for all utility services.
- Prove bill accuracy with historical energy use records.
- Allocate energy costs based on tenants' actual energy usage.
- Create a virtual meter for common areas to spread these costs across all tenants pro rata.
- Expand bills to include power factor, an increasingly common utility penalty determinant.
- Support virtually any billing cycle.
- Manage tenant bills with pre-set start/stop dates, based on lease move-in, move-out schedules.
- Select from more than 80 utility rate tables for your customizable regional billing template.

### Versatile Energy Systems

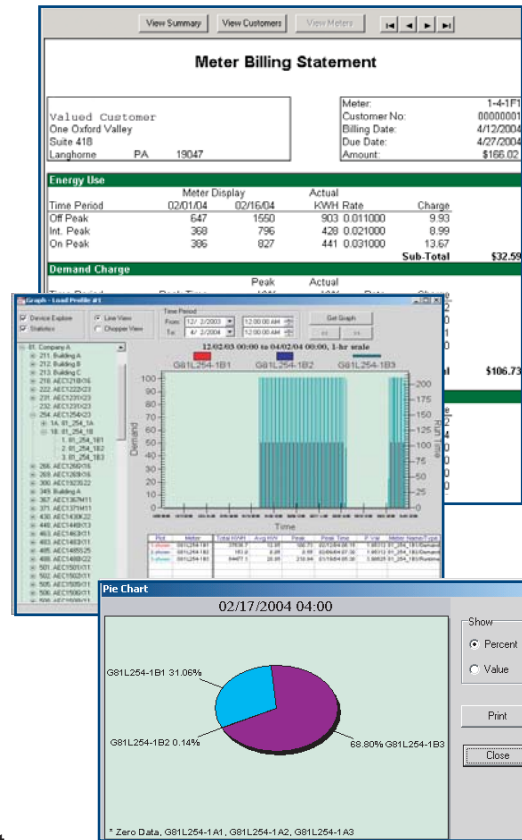
- View all meter data from a centralized location.
- Leverage your existing Ethernet communication infrastructure for use with E-Mon Energy.
- Interface with Class 4100 wireless meters to avoid costly communication cabling.
- Interface with existing energy management or building automation systems.
- Identify billing errors and substantiate claims for credit.
- Reduce energy consumption.
- Measure and verify energy-saving measures.
- Export data to spreadsheets and presentations.
- Supports RS485-to-RS232 and USB connectivity.

# E-Mon®

E-Mon Energy software is an energy-monitoring system that allows users to read and monitor energy consumption easily and effectively via on-site or off-site non-dedicated computers. The software allows the user to generate graphs and profiles of usage for demand analysis and usage reduction. E-Mon Energy will also generate itemized tenant electrical bills for tenant allocation, departmental allocation, and usage verification. Communication options include Telephone, Ethernet, Internet and Wireless.

## Features

- E-Mon Energy software operates with computers running Windows 2000 or XP.
- Graphic profiling provides analytical charts and graphs with demand profiling for 5-, 15-, 30- or 60-minute sampling rates.
- Generate and print itemized electric bills (using coincidental peak demand date and time). Software will generate bills from user-specific time periods via profile data (you need not be present to generate meter readings).
- Reads up to 8 time periods, 8 schedules (for different seasons), and 4 seasons for TOU monitoring and supports multiple holidays for TOU.
- Reads E-Mon D-Mon® meters, either on-site or off-site, via modem (cellular or telephone), Ethernet or a directly connected computer.
- Optional wireless metering option allows users to remotely read Class 4100 E-Mon D-Mon meters via Internet, Ethernet or telephone communication.
- Reads all E-Mon D-Mon meters via IDR's and Class 3000 meters directly. Can also read gas, water, BTU and steam for billing purposes and graphical displays of usage.
- Exports data to spreadsheets for analysis (\*.csv files).
- Exports data to MV-90 system (\*.hfh files).
- Optional modems can be used with E-Mon Energy allowing meters to be read anywhere in the world where telephone or cellular service is available.
- Meter reading and billing services are available for both E-Mon D-Mon and utility-type meters.
- E-Mon Energy software package includes RS-232K Key (RS-485 to RS-232 converter).



## Model Numbers

EMONENERGYSW (Software)  
 WRSOFT (Wireless Option for Software)  
 IDR-8 (1-8 Meter IDR)  
 IDR-16 (1-16 Meter IDR)  
 RS232K (E-Mon Energy Key)  
 USBK (USB Key)  
 EKM-T (Telephone Key/Modem)  
 EKM-E (Ethernet Key/Modem)