

Proton
web browser



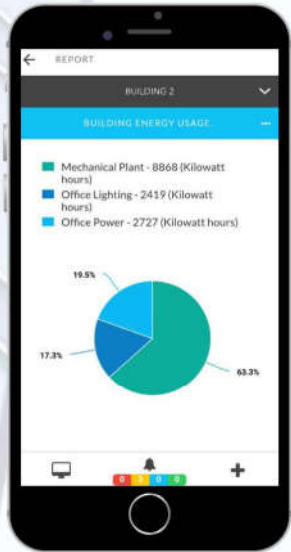
Browser based energy management tool for monitoring
Electric, Gas, Water, BTU & Pulse Output Meters

Cost Allocation / Load Segregation / Energy Profiling / Load Control



Proton is a building controller that integrates building data and systems in real time, providing tools to visualize, monitor, control and report building performance and operation.

Powerful and flexible, Proton allows for seamless integration with your existing building systems.



Proton supports BACnet MS/TP, IP and Modbus IP, RTU with 4 onboard communication ports.

The system can be accessed via a web browser or using the companion mobile app.



PROTON MODELS

E-MON P10 supports up to 10 connected meters .

E-MON P20 supports up to 20 connected meters and adds scrolling public displays.

E-MON P50 supports up to 50 connected meters , tenant management (3 tenants), utility billing and after hours billing.

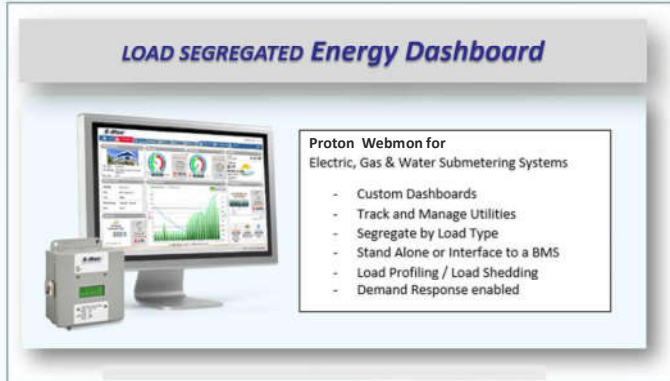
E-MON P100 supports up to 100 connected meters , tenant management (10 tenants), utility billing and after hours billing.

The number of users for Proton is not restricted. The administrator group has the ability to add or modify users, define access, and set the navigation path specific to the user role.

Product feature by model	P10 PROTON	P20 PROTON	P50 PROTON	P100 PROTON
Devices (BACnet/Modbus/Meters)	10	20	50	100
Optimum start points	10	20	50	100
Demand limiting points	10	20	50	100
Public displays	X	✓	✓	✓
Tenants	X	X	3	10
Utility billing	X	X	✓	✓
After hours billing	X	X	✓	✓
Weather & Forecast	✓	✓	✓	✓



KEY FUNCTIONS



1. BUILDING MANAGEMENT (Graphics, schedules, trends, alarms & calendars)

Easily connect and manage any BACnet or Modbus meters, including schedules, trends and alarms. Metering applications include HVAC, fans, hydraulic systems, lighting and plug loads, cogen and central plant.



2. ENERGY MANAGEMENT (Energy metering, dashboards & automated reporting)

Use dashboards, automated reporting and energy alarming to reduce energy, costs and improve overall building performance.



3. FACILITY MANAGEMENT (Automated billing & public displays)

Users can easily manage tenants with automated afterhours A/C and utility billing reports.

Engage building occupants with scrolling displays and mobile app notifications.

WE PUT THE EFFORT INTO BUILDING THE RIGHT FEATURES SO YOU DON'T HAVE TO

Reporting – Built-in reports to monitor and track building and energy performance. This flexible reporting system contains pre-packaged reports with specified time periods. It allows the simple generation of custom reports, with multiple output options such as Web, PDF and CSV.

Email notification – Saved reports can be automatically emailed at a user defined frequency to any user with email credentials.

Text message (SMS) alarm with escalation and acknowledgment – Alarms that are not acknowledged will escalate to any number of predetermined recipients after a user defined time period has elapsed. This ensures the issue is resolved.

BACnet and Modbus – BACnet and Modbus protocols offer the very best interoperable solution to bring your building systems together.

Web Based Programming – Allows the user to create application specific control logic using web based drag and drop programming for complete customization.

Tools – All the necessary web based tools to customize, configure and program Proton are included with easy to use help.

A WORLD OF BENEFITS

Manage your buildings wherever you go.

Stay connected with your buildings anytime, anywhere from your compatible devices with the mobile app.

Make the most of your building.

An economical and powerful building controller, Proton's database and on-board 120GB SSD will provide years of valuable data. This facilitates informed decision making, time, resources and financial savings.

Smart and responsive buildings.

Less downtime will reduce costs using automated alarming via SMS and email.

Customize the system to suit you.

Proton allows complete customization of the user interface to suit your building and energy requirement needs.

Simple and economical licensing.

Simple licensing based on number of devices with unlimited data points (10/20/50/100). There are no ongoing fees!



Electric, Gas, Water & BTU Metering...
Proactively managing your buildings is just a few clicks away.



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TECHNOLOGY
Branded Wholesale Company

Submeter Service
Solutions
Understanding Energy Efficiency
Promotes Conservation



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OPTERGY: PUTTING ALL THE PIECES TOGETHER



Optergy creates an Open Information System to connect, manage data, target waste and improve operations



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Understanding Energy Efficiency
Promotes Conservation

