

# Optergy Enterprise

Optergy Enterprise is web-based building management software that enables Improved Energy Efficiency, Optimised Building Performance, and Accurate Cost Recovery. Optergy Enterprise provides real-time control, measurement, and reporting of critical building data. It's scalable and is hosted locally on premises.



## BUILDING CONTROL FEATURES



### BACNET IP AND MODBUS

BACnet and Modbus combined offer the best interoperable solution with minimal integration effort. Optergy Enterprise supports BACnet and Modbus TCP-IP.



### INTEGRATED REPORTING FOR BUILDING, ENERGY AND FINANCIAL MANAGEMENT

Optergy Enterprise's 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. These can be automatically emailed at predetermined intervals.



### PUBLIC DISPLAYS

Scrolling public displays are supported by a list of accessible URLs which are displayed in order for a predetermined time. Optergy Enterprise supports an unlimited number of public displays on a per-user basis allowing you to communicate with building users.



### TRENDS, ALARMS, SCHEDULES AND CALENDARS

Users can create trends, alarms, schedules and calendars. Trend graphs can be modified to view multiple trends and view over a defined time interval. Users will be able to view a list of all alarms, with the ability to acknowledge and/or to clear. Multiple schedules can be linked to a calendar that overrides standard schedule entries.



### EMAIL NOTIFICATION FOR ALARMS ESCALATION

Alarm notifications and saved reports can be automatically emailed at a pre-defined frequency to any user with email credentials. If alarms are not acknowledged, Optergy Enterprise escalates alarms to any number of predetermined recipients after a user defined time period has elapsed.



### BUILT-IN WEB BASED TOOLS

Display tool and built-in programming tool to develop customised graphic interfaces. All the necessary web based tools to customise, configure, and program are included with a built-in help file.



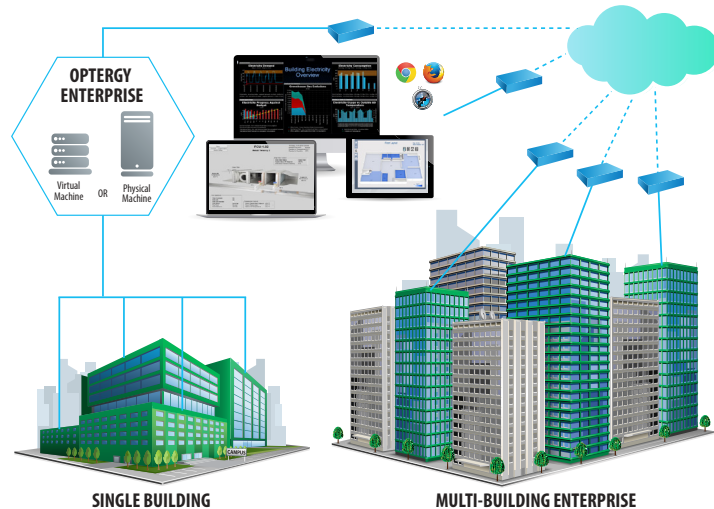
### EMAIL OUT REPORTS

Easily generate and distribute customised reports via email to building occupants and stakeholders, keeping them informed on critical building data and performance metrics.



### UNLIMITED USERS

Unlimited users with complete administrative configurations



SINGLE BUILDING

MULTI-BUILDING ENTERPRISE



### API (APPLICATION PROGRAM INTERFACE)

With the Optergy Enterprise API, users can integrate their own custom applications and devices, enabling greater flexibility and control over their building operations. The API is a third-party API.



### OPTIMUM START

It looks at external and environmental functions to minimize the time for the building to reach its desired set point. Optimum Start facilitates comfort control and compliance to specified building operation for tenant spaces.



### DEMAND LIMITING

This feature allows users to set limits on the maximum power consumption of their building systems during peak demand periods, reducing the risk of blackouts and optimising energy efficiency.



### BUILDING PERFORMANCE MANAGEMENT

Users can monitor energy consumption, track performance metrics, identify inefficiencies and areas for improvement, and implement optimisation strategies.

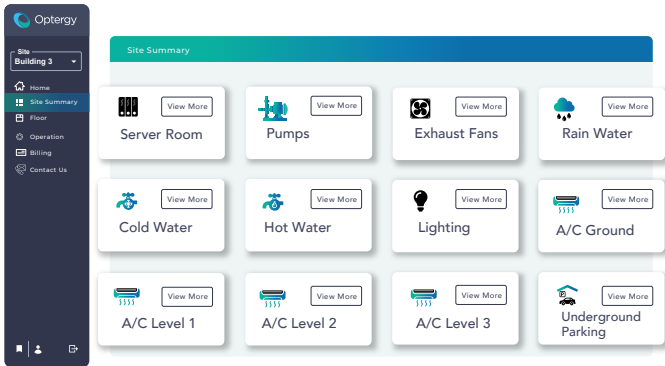
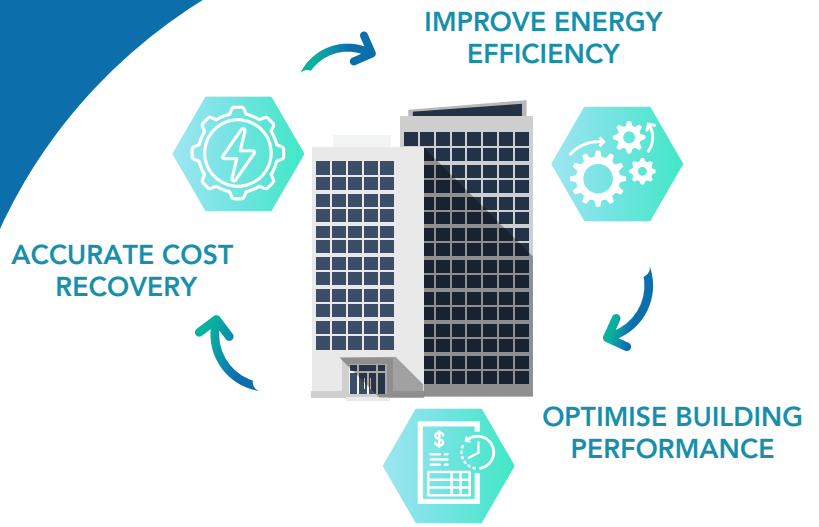


### PROJECT PERFORMANCE MANAGEMENT

Provides real-time visibility into project status and performance, enabling users to identify and address issues and risks proactively.

# Optergy Enterprise

The All-in-One Solution for Improved Energy Efficiency, Optimised Building Performance and Accurate Cost Recovery.

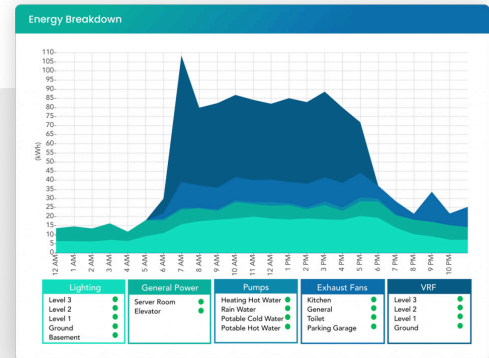


## OPTIMISE BUILDING PERFORMANCE

With complete control across all your building systems, Optergy Enterprise gives you the tools to completely optimise the efficiency of your building. Easily achieve a high level of comfort for all building tenants while also reducing operational costs, such as labor and energy expenditures.

## IMPROVE ENERGY EFFICIENCY

Achieve your energy and sustainability goals with Optergy Enterprise's energy management software helping you optimise your building's performance and supporting your efficiency strategies. Empower your team to better control and monitor energy consumption using Optergy's software which is pivotal in managing, reporting and analysing your performance.



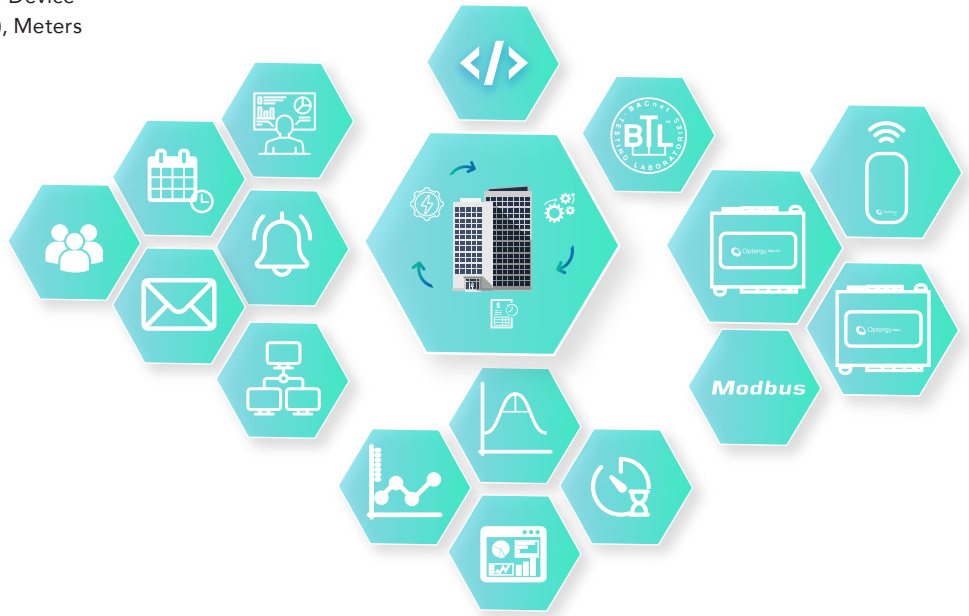
## ACCURATE COST RECOVERY

Giving building owners a helping hand with saving costs by automatically sending bills to tenants for utilities usage and after hours energy usage. Increase your business's return on investment (ROI) with this built-in, cost-saving feature. Optergy facilitates the billing process without collecting any payments from tenants.

Gain the insights needed to develop an effective, sustainable approach to optimising building performance and reducing energy usage, anytime, anywhere.

### BASE LICENCE BUILT-IN FEATURES

- 150 Devices (expandable) – combined BACnet (by Device Number), Modbus Devices (converted to BACnet), Meters (physical or virtual)
- Unrestricted number of users and groups
- BACnet and Modbus protocol
- Unrestricted number of live displays
- Unrestricted number of scrolling displays
- Request maintenance system
- Automated email notification and reports
- System notifications
- Bookmarks
- System diagnostic and maintenance tools
- User activity monitoring and reporting
- Space management/hierarchy – identify buildings/levels/rooms/etc.
- Display tool for creating custom displays
- Public displays
- Auto data backup
- FTP remote data archiving/backup
- Weather and forecast



### OPTIMISED BUILDING PERFORMANCE (BMS)

- Ability to manage BACnet objects – Alarms (Event Enrolments), Schedules, Trend logs, Calendars & Notification Classes
- BACnet alarm and alert management
- Allow for up to 50 (expandable) Optimum Start areas (zones)

### IMPROVED ENERGY EFFICIENCY (EMS)

- Comprehensive meter/utility reporting
- Utility report automatic email functionality
- Automated graphical live meter display screens
- Meter status and hierarchy screens
- Customizable meter parameter alarming
- All meter parameters available as BACnet points
- Association meters with spaces
- Allow for up to 50 (expandable) Demand Limiting points
- Cumulative Analytical meter points (custom meter points)
- End-user web dashboard configuration

### ACCURATE COST RECOVERY (TENANT BILLING)

- Allow for up to 3 (expandable) tenants
- After hours, activation and billing
- Utility tariff, activation and billing

### LICENCE CODE LICENCE OPTIONS

<b>OBL</b>	Base: Building and Energy Management Licence Devices (150 included with base licence)
<b>PMM</b>	Building Performance Management Module
<b>PPM</b>	Project Performance Module
<b>TEN</b>	Tenants (additional tenants for after hours and/or utility tariff)
<b>OSA</b>	Optimum Start Additional Areas
<b>API</b>	Application Program Interface Module
<b>DLP</b>	Demand Limiting Additional Points

## MINIMUM SYSTEM REQUIREMENTS

NUMBER OF DEVICES	MINIMUM MEMORY	MINIMUM HARD DRIVE
<500	16GB	1x 1TB SSD - enterprise/server grade drive
>500	32GB	1x 1TB SSD - enterprise/server grade drive

\*OPTERGY RECOMMENDS RUNNING A VM (VIRTUAL MACHINE) ON A WINDOWS PLATFORM