

Energy Manager

All you need to reduce the annual energy and water operating costs in you buildings, and improve performance - from a single source

- Ideal for new buildings
- Perfect and unique in existing buildings with legacy systems.

INTEGRATE NEW AND /OR LEGACY SYSTEMS



IP Phones



Presence Detector



Air Conditioning



Air Handling Plant



Hot Water



Temp Sensor



Boilers



Chillers



Lighting



Meter



- Air Cooled Condensers
- Air Handling Plant
- BMS Systems
- Boiler Plant
- CDC Integra Operating System
- Chiller Plant
- Coal Fired Boiler Plant
- Compressed Air
- Cooling Tower
- Domestic Hot Water Services
- Effluent & Drainage
- Electrical Switchboards
- Electricity Metering
- Emergency Lighting
- Gas Metering
- Geo-Thermal Plant
- Heat Pumps
- Heating & Air Conditioning
- High Pressure Hot Water Plant
- IT Assets & Network
- Leak Detection
- Lighting Control
- Oil Storage
- Paging
- Power Factor
- Power over Ethernet PoE
- Presence Detection
- Pumping Systems
- PV Solar Panels
- Remote Management
- Standby Generators
- Steam Generating Plant
- Telephony
- Thermal Wheel
- Trace Heating
- UPS Uninterrupted Power Supply
- Ventilation Plant
- Water Metering
- Water Treatment

Energy Manager – ALL YOU NEED TO KNOW ABOUT THE ENERGY IN YOUR BUILDING(S) - IN ONE PLACE...

Delivers to Estates Directors and their managers all the information they need to monitor, maintain and improve all energy, consumption and costs / utility sub-systems.

From a single viewer managers and engineers can drill down to their level of detail, matched to their access clearance, necessary for operations.

Friendly graphical displays provide a common interface to all information and key performance indicators are summarised and automatically reported for you.

Real time updates are provided and a year's history captured in a SQL database for customised reports and for occasional interrogation.

Maintenance parameters, events and alarms can be highlighted to engineering and prioritised by technical or business impact.

You can also link information on multiple systems to check and report on Service Level Agreements and Key Performance Indicators.

Trends are captured and analytic tools provided to enable automated Cause and Effect control strategies. Rather than tell you what has happened Energy Manager can help you discover why, and even predict what may happen soon.

REQUIREMENTS

All the necessary software ready to run on dual server platforms, with SQL database, within an annual CDC license. A one-off charge for design and installation of necessary, devices, detectors, sensors, meters, interfaces, hardware and wiring is added depending on the scale of facility.

CDC Energy Manager is licensed with a basic VIEW level of functionality for all connected systems. There is an option to upgrade to the ANALYTICS level licence giving access to the CDC Analytics Service tools. A further option to upgrade to a CONTROL level license allows access to configuring of the CDC Rules Based Logic Engine.

VIEW

- Alarm Trapping and Handling
- Complaints Logging
- Electricity Metering
- Gas Metering
- Pre-Configured Graphics
- Remote Management
- SQL Audit Trail First Year
- Systems Validation "Heartbeat"
- Water Metering

ANALYTICS = VIEW +

- Analytics - Plant and Systems
- Analytics Budget / Target Comparisons
- Automated CO2 Emission Computations
- Automated Log Book
- Availability Reports - Plant & Systems
- Bespoke Graphics Visualisation
- Carbon Footprint Reporting
- Complaints Reports
- CRC Compliance
- Degree Day Compensation
- Energy Efficiency Dashboards
- Energy Usage Reporting
- Key Performance Indicator Monitoring
- Occupancy Compensation
- Predictive Consumptions
- Utility Tariff Analysis

CONTROL = VIEW + ANALYTICS +

- Automated Alarm Handling - Systems
- Automated Cause & Effect Control Strategies
- Call Out Maintenance Automated Cause & Effect
- Call Out Maintenance Contracts
- Performance Based Maintenance Contracts
- Preventative Maintenance Automated Cause & Effect
- Preventative Maintenance Contracts