

In a time of rising energy prices, increased regulations and complex tariffs, building owners and operators need a simple financially-focused tool to help them reduce costs, minimise environmental impact and meet compliance regulations. At a time where organisations are increasingly aware of the environmental side effects of doing business, customers often feel the pressure to deliver on financial, corporate and social goals, but are not sure how to achieve them. Optimised Buildings use technology and expertise to address this need and reduce energy expenditure while maintaining occupant comfort and optimal environmental efficiency. By combining independent consultancy experience with powerful analysis technologies, Optimised Buildings is able to significantly reduce its clients' energy consumption and carbon emissions with proven compelling return on investment through a managed service.

Optimised Buildings combine technology and expertise and focus on delivering measurable business outcomes

At the heart of the system is a powerful enterprise class aM&T (automatic Monitoring and Targeting) engine that combines ease of use with the industries most advanced energy consumption tracking and analysis tools.

The platform is now supported in 40 countries, with clients and partners using the powerful energy analytics to strategically monitor and manage energy information in commercial office buildings, healthcare, hospitality, retail, education, multi-site locations, manufacturing and industrial facilities. The cloud based platform is used for energy data visualisation, measurement and verification, normalisation, data aggregation, cost analysis, reporting and alerts.

Key Benefits

-  Typical savings of 5-8% of total energy spend
-  Typical ROI < 12 Months
-  Visibility of energy consumption across assets and building portfolios
-  Engage with building occupants through public displays, dashboards and scorecards
-  Managed Service minimises end-user time and skill constraints
-  Cloud based SaaS model minimises capital investment
-  Energy project tracking through IPMVP
-  Apps Market enables bolt on features
-  Focused on delivering business outcomes

The Solution

The cost effective monitoring, targeting, fault detection and building optimisation platform provides clarity and transparency on building performance, energy saving recommendations and verification. The hardware agnostic approach ensures Optimised aM&T can take data feeds from most meters, data loggers, meter operators, BeMS (Building energy Management Systems) and CSV (Comma Separated Variable) files.

The configurable solution ensures that analysis of energy data feeds is simple and is presented in a way that is best suited to the user. This may be through groups of data feeds, calculated meter points, queries, dashboards, reports or alerts.

The simple pricing, based on per meter / data point connected enables users to get the most out of the system from day one. Add as many reports, users, types of data feeds without additional cost.

Monitoring and validation of real time savings using a defined baseline, based on the industry standard IPMVP (International Performance Measurement and Verification Protocol) allows baseline definition using a formula or historical data and savings goal to be established.



Highlighted capabilities

Monitoring & Targeting

- Financial, energy, and environmental performance dashboards
- Benchmarking, normalisation and portfolio analysis
- IPMVP baseline and savings support
- Configurable Reports and Alert

Technology

- Cloud based (SaaS) platform
- Hardware agnostic
- 3rd Party 'Apps market' providing extended functionality
- Scalable architecture

Managed Service

- Your own Virtual Energy Manager
- Expert energy analyst delivering saving recommendation
- Managing data quality, continuity and analysis
- One annual fee for technology and service



We appreciate the challenges and pressures facilities, estates and engineering teams are under today in delivering a low cost operational building to the business. Which is why we deliver Optimised aM&T as a managed service through the Optimised Bureau. For a single annual fee we manage the technology, licences, maintenance and data analysis. Our team of Energy Analysts and engineers review your site data and feedback to you in a format that enables action to be taken, ensuring bottom line business results are achieved. Everything that is available to our Energy Analysts is also available to service providers and end-users.

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<12
months
typical ROI

5-10%
reduction in
energy spend

The opportunity to improve the efficiency and building performance of HVAC (Heating Ventilation and Air Conditioning) and their respective control systems exists in most buildings today. On average 40% of commercial buildings energy spend is consumed by HVAC. Of this, around 20-25% could be saved through no cost / low cost measures if they can be identified. This equates to between 8-10% of the total energy spend.

Many of the challenges are typically attributed to BeMS (Building energy Management Systems) operating poorly. As buildings are continuously changing it is understandable that it is difficult to stay on top of every control strategy, setpoint, time schedule and ensure that the plant it is controlling, is also performing as intended.

Optimised Analytics helps achieve these goals and objectives. The cloud-based software tools identify these issues, not just as a one off exercise – but on a continuous basis, ensuring your buildings are being optimised 24/7.

On average 40% of commercial buildings energy spend is consumed by HVAC. Of this, around 25% could be saved through no cost / low cost measures if they can be identified

Optimised Buildings combine technology and expertise to address this need and reduce energy expenditure while maintaining occupant comfort and optimal environmental efficiency. By combining independent consultancy experience with powerful analysis technologies, Optimised Buildings is able to significantly reduce its clients' energy consumption and carbon emissions with proven compelling return on investment through a managed service.

Key Benefits

- Typical savings of 5-10% of total energy spend
- Typical ROI < 12 Months
- Real-time data and historical trending from sensors, control systems and utility meters
- Quickly identify equipment and operational issues that impact energy consumption and/or asset life
- Prioritise maintenance activities by energy, cost and comfort impacts
- Compatible with most BeMS systems in the market today
- Minimal capital investment and non-intrusive to implement
- Optimised Analytics Lite enables quick wins on large estates in managing time schedules and setpoints
- Managed Service minimises end-user time and skill constraints
- Focused on delivering business outcomes

Most energy is consumed not by inefficient assets, but more through poor operating procedures, standards and the inability to identify when things are outside of normal practice. Optimised Analytics provides portfolio level overview of time schedules, setpoints and runtime of plant and assets. The cloud-based platform connects to your BeMS and monitors performance of your systems, identifies opportunities for energy savings and makes recommendations accordingly.

The solution is delivered as a managed service and provides weekly/monthly reports to show original settings, variance and where possible impact. Our team of Energy Analysts make recommendations from this data to improve the efficiency of your building(s) delivering impressive savings, quickly.



Engineering teams responsible for BeMS today are not equipped with the right tools to ensure facilities are running efficiently and the larger the building portfolio, the bigger the problem. This is the problem that Optimised Analytics helps solve. It identifies issues, inefficiencies and poor operating strategies by providing a 'trend' of events over a period of time.

The powerful FDD (Fault Diagnosis and Detection) engine is continually looking for inefficiencies and ways to improve the performance of facilities, reducing energy consumption, carbon emissions and increasing the life of the assets. Through the BeMS connectivity access to potentially thousands of data points enable us to have complete visibility of how a building is performing. The intelligent FDD algorithms monitor data 24/7 to identify 'events' (not alarms), if a heating and cooling valve is open simultaneously on AHU3 for 30 minutes a day it might be costing you, but its not business critical. Optimised Analytics has a library of FDD's and new ones can be created and tailored to your facilities.



We appreciate the challenges and pressures facilities, estates and engineering teams are under today in delivering a low cost operational building to the business. Which is why we deliver Optimised Analytics as a managed service through the Optimised Bureau. For a single annual fee we manage the technology, licences, maintenance and data analysis. Our team of Energy Analysts and engineers review your site data and feedback to you in a format that enables action to be taken, ensuring bottom line business results are achieved. Everything that is available to our Energy Analysts is also available to service providers and end-users.

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8-12%

typical energy saving

15-20%

typical reduction in work-orders

BeMS (Building energy Management Systems) are typically associated with the control of HVAC (Heating Ventilation and Air Conditioning) in commercial buildings, and this has been their primary role in the eyes of most clients and operators. Over the past number of years, we have now taken this to another level with the introduction of the '**Optimised BeMS**' proposition.

While HVAC control and the comfort of the occupants is the primary focus of BeMS many clients are not taking advantage of the underlying infrastructure that they have within these buildings that, if optimised, could provide a multitude of benefits. Operational savings in the form of energy, maintenance and extending the life of assets can be realised from this infrastructure in most buildings.

Getting data out of a BeMS system is one thing, turning this data into information that drives business outcomes is what Optimised BeMS has been developed to deliver.

Through the combination of our skilled engineering team who undertake BeMS optimisation works on site, through to our remote Optimised Bureau and Energy teams that provide the ongoing insights and controls engineering we ensure buildings perform as well as their connected assets allow. We combine this expertise with a range of technologies including Optimised aM&T, Optimised Analytics, Optimised DSM (Demand Side Management) and Optimised Bureau to drive down the energy consumption, reduce cost and ultimately deliver an improved environment for the occupants.

Key Benefits

-  BeMS Agnostic, we work with 90% of the systems in the market
-  As part of our offering we provide BeMS Maintenance, Upgrades, Projects and 24/7 Bureau services
-  Integration of BeMS with IoT (Internet of Things) sensors to bring further value-added services
-  Wider service proposition across the Optimised Group including energy procurement, compliance, sustainability and well-being
-  Advanced BeMS Analytics deployed across 1,000+ buildings
-  Metering and aM&T provided to track project success
-  Focused on delivering business outcomes
-  Utilise Optimised BeMS as part of your Net-Zero strategy

The net result for most clients is that we deliver energy savings equating to 20-25% of the HVAC consumption and deliver an ROI of less than 12 months.

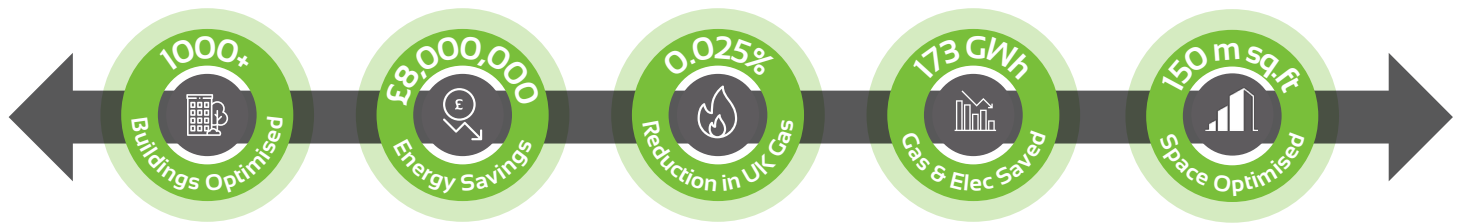
This saving is not a one off, but one that can be maintained year on year through the Optimised Bureau services.

Optimised BeMS has been successfully deployed in large single buildings right through to multi-site environments and rolled out nationally and across Europe. It is suited to any client that is looking to increase the value of BeMS in their building or estate, and the great thing is, we are agnostic to the BeMS system that is installed. We have now delivered some great savings and operational benefits to our clients in the public sector, hospitality, commercial real estate, manufacturing and retail markets.

BeMS Upgrade and Projects – many of our clients are looking for a one stop shop when it comes to managing their BeMS and we are happy to provide this role and service. We deliver BeMS upgrades for end of life solutions and technologies as well as project works that work with the overall goals being driven from optimisation for our clients.

BeMS Maintenance – we find that taking on the BeMS maintenance contract for our clients helps drive the operational savings and avoids conflicting objectives. Our service and maintenance teams are able to provide PPM (Planned Preventative Maintenance) and reactive call-outs, nationally. All supported by our Optimised Bureau that operates 24/7/365.

BeMS Connectivity & Hosting – to extract the value from BeMS systems need to be connected to the remote Optimised Bureau. A variety of secure connectivity options can be offered dependent upon clients' needs. We also provide a suite of hosting services that allow supervisory software to be managed by our team in a single comprehensive service offering.



Partners:



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<12
months
typical ROI

5-10%
reduction in
energy spend

The Optimised Bureau combines a number of advanced cloud-based technology platforms with the expertise of our Energy Analysts and Engineers. This combination ensures that your buildings are being monitored and managed in a cost effective way and their performance continually improved.










As all our technologies are cloud-based you can be assured that business continuity, data integrity and security are second to none.

Optimised Buildings has a deep understanding of integration and how to extract data from a variety of building systems, our onsite connectivity makes this a relatively seamless exercise. The non-intrusive way that we are able to collect data from BeMS (Building energy Management System), meters and other third party control systems enables us to deliver a service back to our clients with significant business benefits.

We bridge the BeMS /HVAC and energy worlds in a way that provides our clients with all the solutions they need to manage energy more effectively

Optimised Bureau takes the day to day routines that facilities, engineering and maintenance teams find it difficult to get round to, we undertake this off site with Analysts and Engineers that have many years of expertise analysing building systems and energy to maximise their performance. Our team of Energy Analysts and Engineers review site data and provide feedback in a format that enables action to be taken, ensuring bottom line business results are achieved. Advances of recent years in connectivity, analytics and cloud-based software models combined with industry expertise allow Optimised Bureau to be delivered cost effectively as an outsourced managed service model to many buildings. For a single annual fee we manage the technology, licences, maintenance and data analysis. Everything that is available to our Energy Analysts is also available to service providers and end-users.

Key Benefits

-  Typical savings of 5-10% of total energy spend
-  Typical ROI < 12 Months
-  Managed Service minimises end-user time and skill constraints
-  Upgrade to new services
-  Outsourced expertise that you can rely upon
-  No technology to buy or maintain
-  Single Annual fee
-  Focused on delivering business outcomes
-  White labeled service offered to Service Providers

		Optimised aM&T	Optimised Analytics	Optimised DSM	Optimised BeMS
Monitor	BeMS Alarm Management				✓
	Issue Triad Warnings			✓	
	Triad (TNUoS) / Red Zone Charges (DUoS) Monitoring			✓	
	Data Continuity Monitoring	✓	✓	✓	✓
Analyse	Metering and Sub-Metering Data Analysis	✓			
	Time Schedules, Setpoints and Runtimes Analysis		✓		
	BeMS Performance Analysis		✓		✓
	Advanced Fault Diagnosis and Detection Analysis		✓		
Manage	BeMS Remote Adjustments / Configuration		●		●
	Issue Triad Control Signal			●	
Report	Time Schedules, Setpoints and Runtimes Reporting		✓		
	Energy Conservation Measures	✓	✓	✓	✓
	Standard Monthly Energy / Performance Reports	✓	✓	✓	✓
	Issuing Alerts and Alarm via SMS/Email/Phone	✓	✓	✓	✓
Configure	Time Schedules, Setpoints and Runtimes Reporting	✓	✓		
	Energy Conservation Measures	■			
	Standard Monthly Energy / Performance Reports		■	■	■
	Issuing Alerts and Alarm via SMS/Email/Phone		■		

- ✓ Included in the service
- Included, but subject to client requirements
- Excluded, priced on scope

We have a variety of solutions that feed into our Optimised Bureau including:

-  **Optimised aM&T** Energy Monitoring and Targeting Analysis
-  **Optimised Analytics** Building Optimisation Analytics
-  **Optimised DSM** Demand Side Management Solution
-  **Optimised BeMS** Mini Wireless BeMS systems for small sites



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6-9

months
typical ROI

5-10%

reduction in
energy spend

Our **Demand Side Management (DSM)** solution addresses electricity supply charges such as TNUoS (Transmission Network Use of System) - also more commonly known as Triad charges and DUoS (Distribution Use of System), if managed effectively these can reduce your annual energy spend between 5-10% with minimal capital outlay.










The UK energy market is evolving as the energy mix diversifies, old power plants are being retired and new renewable technologies come online. Demand Side Management (the capability of energy users to reduce their demand at short notice for a short period of time) will be a key tool in the UK's evolving energy strategy.

The Optimised DSM solution automates the control of your demand side loads to minimise your electricity supply charges

Optimised DSM is at the forefront of this market and through our advanced cost effective demand side management technology, we can open up opportunities for our customers. We enable our clients to not only take advantage of avoiding supply side charges, but also to be ready for revenue generating schemes that minimise usage at peak times. Energy suppliers, the National Grid, DNO's (Distribution Network Operators) and the UK government are all investing significantly to ensure that peak demands are minimised. This is being done through the increased use of technology, information and control of the existing ageing UK grid infrastructure to ultimately avoid blackouts.

Imagine if you could move a slider from 1 to 10 to tell your building how it should operate to maximise its efficiency at different times of day, where 9 would be operating normally and 1-2 would be an aggressive turndown of as many non-critical loads as possible. Through this automated process we link supply and demand to ensure your building minimises supply side charges at peak times.

Key Benefits

-  Reduce annual energy spend by 5-10%
-  Minimal capital outlay
-  Non-intrusive solution
-  Managed service offering
-  No IT connectivity required
-  Opportunity to generate revenue through DSM in the future
-  Minimise TNUoS charges
-  Minimise DUoS charges
-  Agnostic to BeMS or Control System installed

Triad Management

What are Triads? If you purchase your electricity on an 'Energy Only' basis, the annual cost of using the National Grid Transmission System is passed through at cost by your Energy Supplier. Triads are the three peak half hourly periods of national electricity demand each winter (Nov-Feb) and form the basis of Transmission Use of System (TUoS) charges to HH electricity customers. The charges are regionally based and during the Triad period, taking London as an example, for the Triad period you will pay £54.90 (2018-19) per kW.

Our solution combines Triad warning signals (forecasting when the Triads are likely to happen) with automated control that minimises your usage during these costly half hour periods. Typically we will issue between 10 and 20 warnings each winter. The peaks normally occur on weekdays between 5 and 7pm.

Red Zone Management

The 10 UK Electricity Distribution companies have standardised their charging structure for delivering electricity. The charges are now based on Red, Amber and Green time zones with Red zone being the weekday late afternoon period (typically 16:00 -19:30). The charges are intended to restrict peak time usage of half hourly Industrial and Commercial customers. The typical DUoS charging represents around 12% of a typical utility bill. To reduce your DUoS costs, you should consider how to reduce your consumption during the Red Zone period.

Demand Side Management

Our cost effective solutions enable you to avoid or minimise these costs by proactively monitoring and managing demand side loads at times when charges are highest. Our solution has been developed on the Tridium Niagara Platform providing a flexible platform with I/O, Wireless technologies, along with many open and proprietary protocols. We combine this with our managed service to ensure that your site is up and running and ready to shed load when required.

Our standard solution incorporates 3g/4g communications which is also monitored by our bureau service, enabling you to get on with your day job while we ensure your demand side management strategy delivers you the savings.

Our experts will work with you to understand how your energy consumption can be reduced and in what time frame. We will install any metering technology that is needed to work with our software and give you access to our Internet based portal to monitor your electricity load reduction. Through our team of building and industrial controls/application engineers we are able to make recommendations as to how significant savings can be realised.

The Optimised DSM solution requires a small capital cost to implement the controller with an annual fee to manage the warnings, comms and ensure that your systems are healthy to curtail load when required.



Triad charges
2018-2019 season
(Midlands)

£48.80kW

Triad charges
2018-2019 season
(London)

£54.90kW

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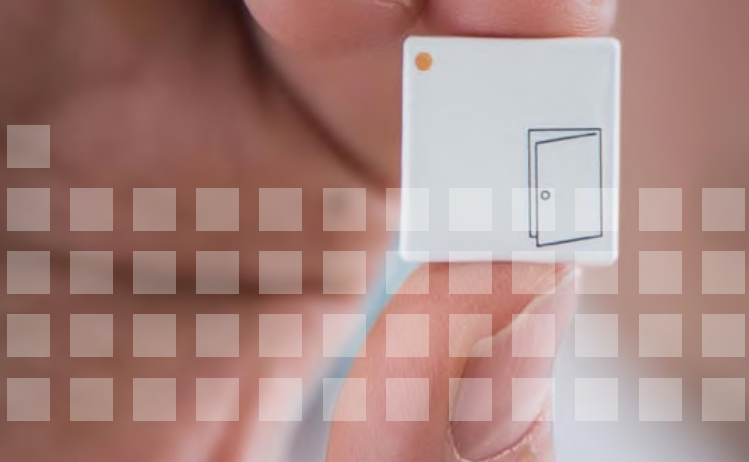
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RETAIL ENERGY
PROJECT
OF THE YEAR
2018



 **Optimised Buildings**



<12
months
typical ROI

15+
years battery
life

The Internet of Things (IoT) is becoming more present in our every-day lives whether we know it or not, sensors and devices are all around us whether standalone or embedded within 'things' such as cars, mobiles laptops and kitchen appliances. It is now possible to take the optimisation of BeMS systems to a new level by utilising new and disruptive technologies. This gives us more tools and data in our arsenal to improve the way buildings are managed and ultimately optimised.

Sensors are becoming more advanced, smaller, cheaper and more practical for large scale roll-out, with applications that are only limited by your own imagination. By placing them in varied locations we can map such elements as buildings usage, occupancy and temperatures, behaviour, targeting low and high usage areas and anomalies in temperature but to mention a few.

Our complete sensing solution for simple, scalable IoT provides a small footprint and unobtrusive sensing with 15+ year battery life where all the devices self-configure to the cloud. These are highly reactive to the environment and occupancy, allowing instant adjustments and changes to be made with ongoing monitoring.

With fixed wiring systems sensors may not always be placed in the best place, due to convenience of cable runs, etc., and as a result not fully optimising assets and systems. We may also wish to move sensors around to address hot/cold spots or to improve comfort, well-being and ultimately occupant productivity. Such technology provides new insights that has never previously been available to building operators, landlords and occupiers.

This IoT technology creates new opportunities, applications and business cases to optimise facilities to the next level

By using IoT technologies, it is possible to optimise smaller or more isolated buildings, without major capital investment or disruption of hardwired systems. They come into their own in buildings of less than 50,000 sq.ft allowing for simple installation and a quicker payback period. When using this technology we are able to link smaller sites to larger BeMS systems and enabling estate wide optimisation.

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Key Benefits

-  Unlock value from data to enable smart decisions to be made
-  Optimise asset performance, lower operating costs while improving safety and occupant comfort
-  15+ Years battery life, 50-100m range, Self-configuring
-  Simple, non-intrusive installation
-  'Sensor as a Service' commercial model – minimal Capex required
-  Insights through customisable dashboards and analytics
-  Link data into other enterprise systems through API integration providing end-to-end solutions
-  Data can be integrated into BeMS via Optimised Buildings BACnet gateway

Smart Buildings

Buildings will become more intelligent at a local level, learning the behaviour of the occupants, reacting to their changing requirements. Systems will be linked and 'speak' to one-another, co-ordinating the intuitive learned information and taking onboard user intervention. Room booking systems will tell us when and what a room is to be used for and alter the environment accordingly.

The opportunities are immense and diverse for systems to be streamlined. Overall the technology will enable us to operate facilities more efficiently, deliver an improved working environment for the occupants, while meeting compliance and legislation requirements.

What we offer

We will work with you to find the right solution to maximise the value and business outcome for your needs. This will include understanding your business challenges to trials and development of the business case for a wider rollout. We provide the sensing technology, analytics portals, insights and integration to other applications where value can be derived from the data.

Once your solution is deployed we can also provide you a managed service to manage your sensors, data and insights as your service provider. Our deep knowledge of buildings, HVAC, controls, BeMS and integration means we are in a great place to help you develop your IoT aspirations and turn them into reality.



Application		Benefit
Commercial Offices	Monitoring temperature in problematic hot/cold spots	Occupant satisfaction/Reduced FM time/cost
	Greater HVAC control through better temperature sensing across a zone/floor	Occupant satisfaction/Reduced FM time/cost
	Monitor soap dispenser in washrooms and only have them refilled when empty	Occupant satisfaction/Reduced FM time/cost
	Understand space utilisation through sensors in chairs	Maximise space utilisation and minimise Opex
	Have cleaners empty waste paper bins that actually need emptying	Occupant satisfaction/Reduced FM time/cost
	Optimise energy consumption through better monitoring of temperatures	Reduce energy consumption/costs
	Temperature sensing for Legionella monitoring	Compliance Health & Safety
Retail	Monitor walk-in fridge/freezer doors and see the impact of them being left open	Reduce energy consumption/costs and improve quality
	Temperature sensing of standalone fridge cabinets	Compliance (HACCP) Customer Satisfaction
Hotels	Independent monitoring of guest room temperatures	Guest satisfaction and reduce energy consumption/costs
	Leak detection in bathrooms, avoiding significant losses/costs in refurbishment	Minimise financial losses/ Minimise insurance costs
	Monitor safe door - avoiding passports/valuables being left by guests	Guest Satisfaction Management Time
Healthcare	Blood/drug fridge monitoring	Minimise financial losses/Compliance
	Monitoring temperature in problematic hot/cold spots	Patient Satisfaction/Reduced FM time/cost



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DISRUPTIVE
TECHNOLOGIES



 **Optimised Buildings**



<12
months
typical ROI

5-10%
reduction in
energy spend

The changing dynamics in occupied buildings is a continuous challenge owners and operators face daily, typically impacting on a buildings performance and efficiency. Most clients we speak to are missing an opportunity to optimise their facilities as part of their BeMS maintenance contract. Unfortunately, optimisation is not something that is typically specified by either clients or FM Companies and BeMS maintenance is typically deployed against dated SFG20 or PPM regimes.

The opportunity to improve the efficiency and building performance of HVAC (Heating Ventilation and Air Conditioning) and their respective BeMS control systems exists in most buildings today. On average 40% of commercial buildings energy spend is consumed by HVAC. Of this, around 20-25% could be saved through no cost / low cost measures if they can be identified. This equates to a potential saving between 5-10% of the total energy spend.

Optimised Buildings are changing the dynamics of traditional BeMS maintenance with Optimised Maintenance. Through a combination of Optimised services incorporating BeMS Maintenance, Analytics, DSM (Demand Side Management), aM&T (automatic Monitoring and Targeting) and Bureau services we are typically able to deliver energy savings that will more than pay for the services in that year.

Transforming BeMS Maintenance from an operational cost into a saving, that pays for itself every year.

We believe that more value can be achieved from an enhanced BeMS Maintenance service that is not a box ticking exercise, but a strategic offering that enhances the occupant comfort while at the same time reducing long term cost for the business.

This proposition is agnostic to the BeMS system installed and as a business we are able to offer such an approach on Trend, Tridium, Cylon and Automated Logic. Optimised Maintenance can also be offered on other systems on request.

Key Benefits

- Turn BeMS maintenance from a cost into a saving
- Deliver improved occupant comfort with bottom line performance
- Wrap energy and BeMS maintenance into a single outsourced solution
- Agnostic to BeMS system on single, multi-building or distributed building estates
- One, two and three year contracts available
- Technology and expertise delivering winning results
- An energy focused approach to delivering optimised facilities
- 80% of faults resolved through remote connectivity

A suite of services that are tailored to meet your business needs and drive maximum value.

Flexible - Every business has different needs, whether you are an FM, End User, Operator, Tenant or Energy Services Provider, we will tailor our solutions and services to address your operational and contractual needs.

Optimised - Through our suite of optimisation services we can typically pay for the service through energy savings achieved and hopefully put something extra on the bottom line for our clients.

Connected - Technology has allowed to us approach BeMS maintenance differently. From the options in site connectivity through to the reports we generate, we utilise technology to drive efficiencies and cost savings for our clients.

Experienced - Our team of engineers have many years of experience in the industry that cover a variety of BeMS systems. In addition to BeMS we also provide consultancy, integration and a range of energy services.

Optimised Maintenance

- Planned and Reactive Maintenance
- Remote Maintenance
- Energy Optimisation
- Energy Audits
- Automated System Back-ups
- Hosted Head End's
- Alarm Monitoring
- Multi-system Support
- 24/7/365 Technical Support
- BeMS eLearning Courses

Optimised Analytics

Powerful software that extracts data from BeMS and is able to report by exception on trends and anomalies in frequency of event and cost.

Optimised DSM

Avoid some of those expensive 'pass through charges' on your electricity bills by implementing BeMS strategies that minimise cost.

Optimised aM&T

Monitor consumption and targets to evidence the savings that are being achieved from the optimised approach to BeMS maintenance.

Optimised Bureau

A managed service that encompasses our 'Optimised' solutions with the expertise of our energy/BeMS analysts, so you don't have to.

TREND
systems integrator

TRIDIUM

Cylon

AUTOMATEDLOGIC
United Technologies

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