

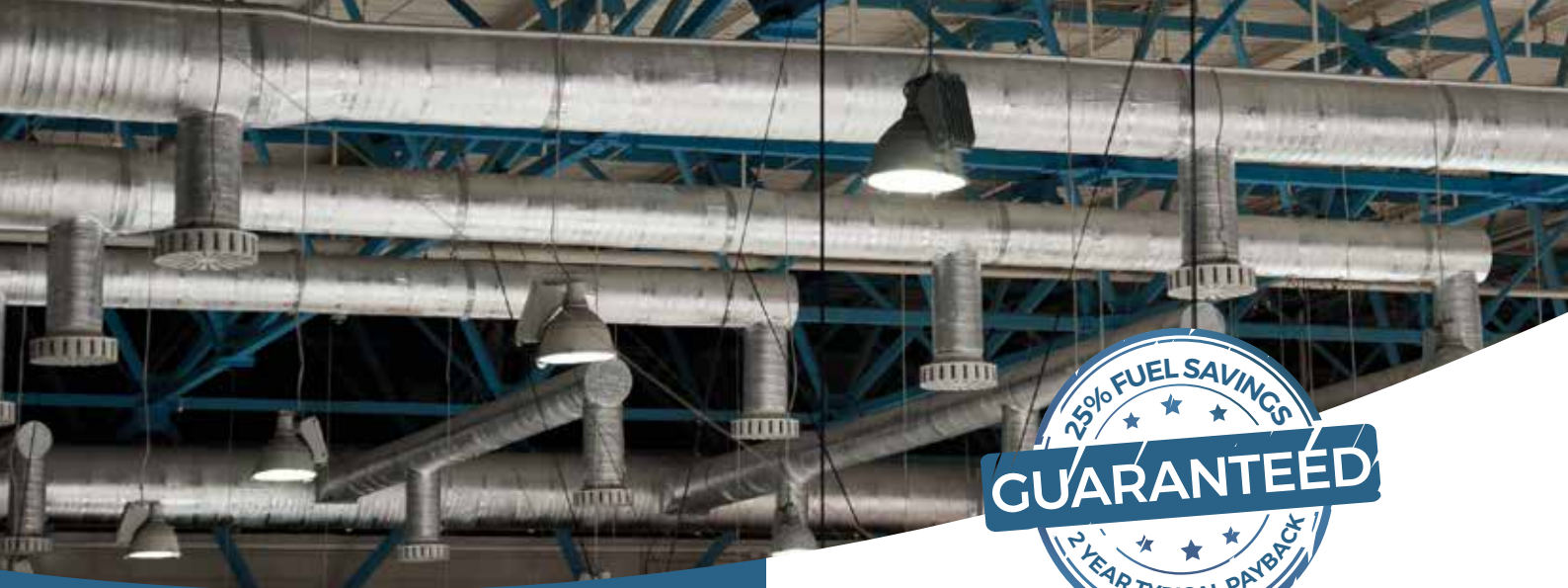


pilot group

Specialists in Energy Management



ACCREDITED
SUPPLIER



At Pilot Group we believe in using technology to make the places we live and work **SMART, SAFE and SUSTAINABLE**

We achieve this by designing and investing in innovative products and solutions that reduce energy costs, enable management through data, and improve safety. We are committed to contributing to a low carbon future.

Since acquiring Vickers Electronics, an energy management specialist with over 28 years' experience of providing energy savings in industrial and commercial businesses across the UK, USA and Europe, Pilot Group have invested heavily in product development.

With a solid reputation, Pilot Group now offers an advanced energy management system, setting new standards in the market and continuing to provide our customers with guaranteed savings.

With the help of our team of experienced engineers and designers, Pilot Group offers a comprehensive service including site surveys, system specification, installation, commissioning and post-installation support. Our expert in-house lighting design team can provide a bespoke full lighting scheme proposal.

OUR CUSTOMERS SAVED ON AVERAGE
40%
ON HEATING BILLS

SWITCHING TO LED LIGHTING SAVES UP TO
60%
OF ENERGY CONSUMPTION

WE GUARANTEE
25%
SAVINGS ON HEATING BILLS - OR WE WILL PAY YOU THE DIFFERENCE

BETTER CONTROL OF LIGHTING CAN REDUCE COSTS BY
30-50%

2 years
TYPICAL PAYBACK PERIOD

INTRODUCING THE INNOVATIVE ENERGEMGR 2.0

In addition to controlling and managing heating, the upgraded system can now control your complete lighting system, air conditioning units and compressors, with its user-friendly panel and with the added benefit of remote access.

NEW AND IMPROVED FEATURES

Heating system control **IMPROVED**

Vickers' award winning technology of controlling heating systems is now improved to ensure simpler scheduling and easy monitoring.

Lighting system control **NEW**

Easy management of your lighting system in multiple zones. Standard or DALI compatible control can be customised to match the specific application.

Air conditioning system control **NEW**

Schedule and pre-set optimum temperature in the zone for maximum comfort and energy savings.

Compressor control **NEW**

Schedule the on/off operation to reduce the maintenance and save energy.

Wireless sensors **NEW**

A broad range of solutions can be tailored to specific requirements including air quality measurements, power and energy usage metering, occupancy monitoring, equipment monitoring.

Real time management control and a user-friendly interface **NEW**

User friendly interface allows easy navigation through menus. Secure, cloud based application provides remote access from any internet enabled device.





FEEL THE BENEFIT!



Energy consumption reductions, decreased carbon footprint



Minimum disruption at the time of installation



Reduced maintenance costs



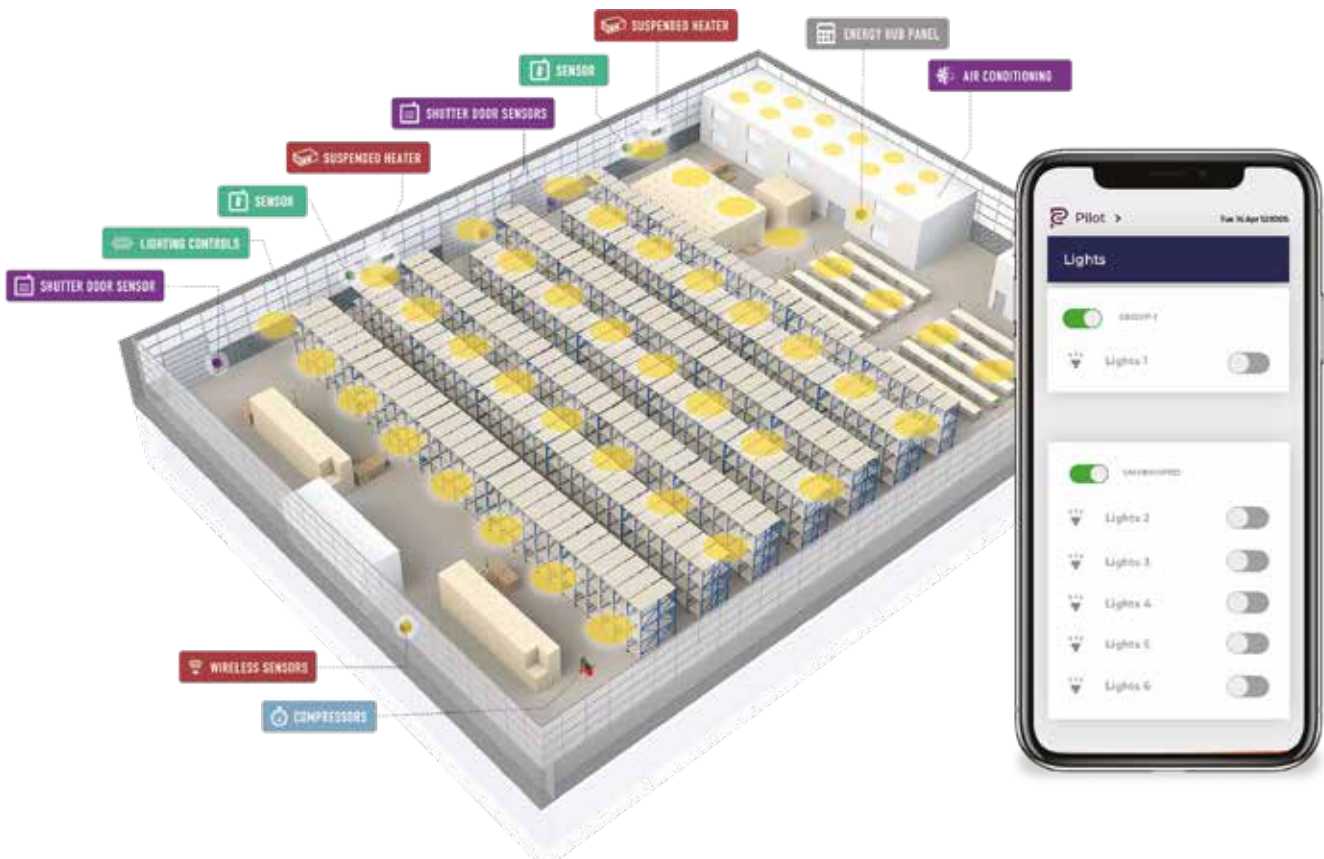
Single point of control for **maximum comfort**



Increased staff productivity by improving working environment



Downloadable **reports**



THE COMFORT OF FULL CONTROL FROM ONE SINGLE PANEL

EnergyMgr 2.0 System features:	
HEATING CONTROL	
Scheduling operation of heaters	✓
Synchronous burner control function	✓
Self-learning programme	✓
Multi Burner Failure Detection function*	✓
Accurate temperature control	✓
Door switch	✓
Failsafe strategy	✓
LIGHTING CONTROL	
Scheduling operation of lights	✓
Lighting zones	✓
Easy commissioning	✓
Brightness control 0-100% - digital dimming**	✓
Ability to re-configure/re-group the lights**	✓
AIR CONDITIONING CONTROL	
Scheduling operation of air conditioning units	✓
Accurate temperature control	✓
Fan speed control	✓
COMPRESSOR UNITS CONTROL	
Scheduling operation of compressors	✓
WIRELESS SENSORS	
Non-intrusive and low cost installation	✓
Air quality monitoring for safety and comfort	✓
Power/energy usage metering	✓
Sub-metering for improved energy management	✓
Equipment monitoring - current usage, voltage fluctuations, temperature rise, failure notifications	✓
Occupancy and motion monitoring for space/workforce optimisation	✓
Process control monitoring to maximise efficiency and safety	✓
Compliance reporting	✓
REAL TIME MANAGEMENT CONTROL	
Easy to navigate user interface	✓
Cloud based, enabling remote access	✓
Self-learning algorithms to optimise performance with minimal intervention	✓
Live data graphs	✓
Password protected access	✓

*radiant heaters type
**DALI compatible system

GUARANTEE

All systems come with a complimentary **12 month warranty** and service agreement, which includes an onsite annual health check. Our warranty and service can be extended at any time to ensure that your energy management systems continue to optimise efficiency.

Our warranty and annual service agreement includes:



FULL PARTS AND LABOUR WARRANTY

For any system related faults*



ANNUAL SERVICE

Re-calibration of the system, re-commission and a full service report



ENGINEER CALL OUTS

Site call outs to reported system faults with priority booking slots



SOFTWARE UPDATES

Provided when available

Our **24 hour, 7 days a week** help desk is always available to assist with any technical queries

📞 **0161 886 7190**

*exclusions apply.

TESTIMONIALS*

D S Smith

“ Thanks to our investment in a Vickers' EMS, we have not only reduced our CO₂ emissions, we have saved a significant amount of money by reducing our energy consumption, and this has more than covered the cost of our original investment ”

Dave Almond, D S Smith

Ferro

“ I am delighted to note an actual reduction of over 40%...it has been a painless and profitable process for us and that's to the credit of the professional attitude of your company and staff ”

Simon Bowers, Business Administration Manager, Ferro

RS Components

“ The absolute flexibility Vickers EMS gives us, together with the precise control over temperatures, is proving to be invaluable ”

Ken Simpson, Senior Environmental Co-ordinator

Caterpillar

“ Through using Vickers' Energy Management System we have achieved a reduction in gas consumption of 44% and a reduction in CO₂ emissions of 280 tonnes over a 12 month period ”

Barbara Sadler, Environmental & HS Consultant

*Testimonials are for the Vickers heating controls which are embedded within the improved Pilot Energy Manager

ENERGYMGR 2.0

Heating system control **IMPROVED**

Lighting system control **NEW**

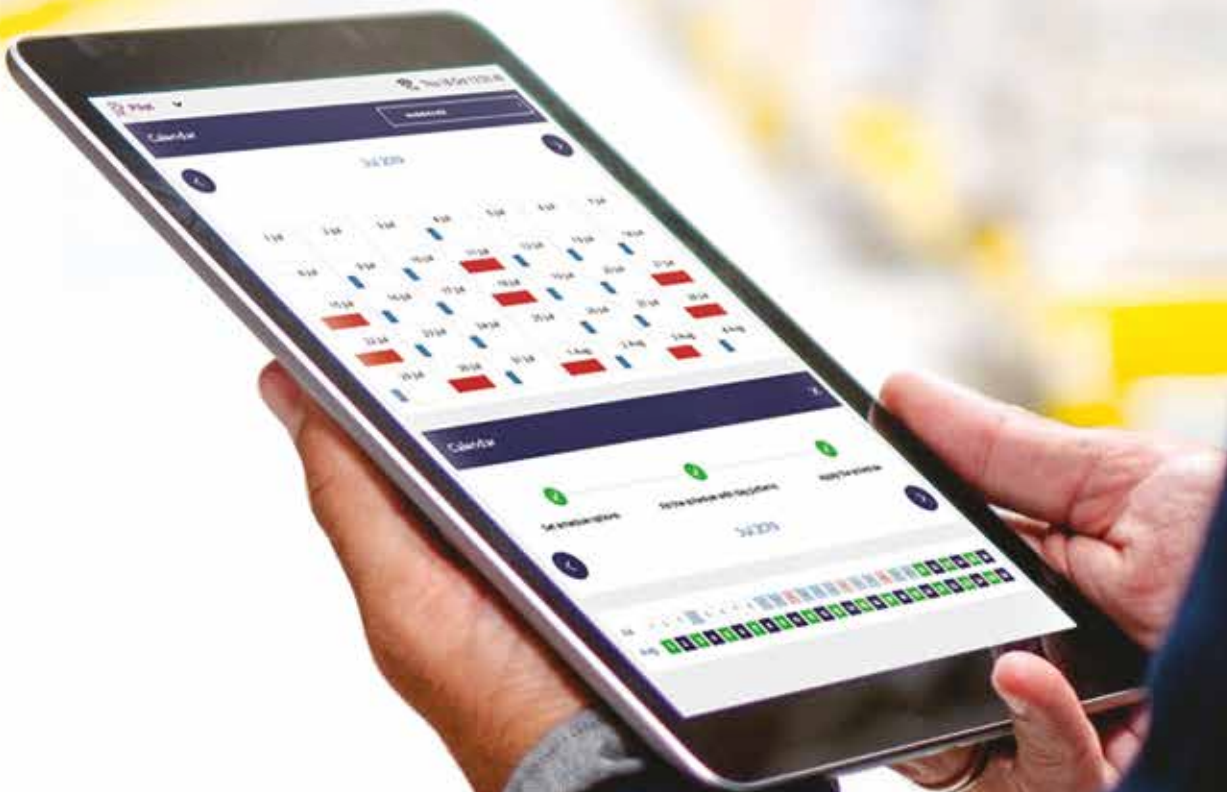
Air conditioning system control **NEW**

Compressor control **NEW**

Wireless sensors **NEW**

Real time management control **NEW**

User-friendly interface **NEW**



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We do that by designing and investing in innovative products and solutions that reduce energy costs, enable management through data and improve safety.

We supply Energy Management Systems, LED Lighting, Networking and Data Storage, Traffic Controls and Electric Vehicle Charging solutions.

HILCLARE

LIGHTING MANUFACTURER

— LED BY DESIGN —

hilclare.com

Hilclare is a leading UK manufacturer of energy saving specialist commercial and industrial lighting.

Using the latest technology, Hilclare design and specify interior and exterior lighting for business and public sectors. We provide expert advice, technical excellence, bespoke solutions and manufacture luminaires of the highest quality in our state of the art UK facility. Hilclare was established in 1994 and has over 25 years' efficiency, aesthetics and safety experience, specialising in hazardous and emergency lighting. Our in-house design team offers a fully integrated LED lighting design service that combines the ultimate in energy efficiency, aesthetics and safety.



TWM TRAFFIC CONTROL SYSTEMS

twmtraffic.com

TWM is a market leader in the design, manufacture, installation and maintenance of illuminated traffic control safety systems.

Key industry focus areas include road, rail, marine and aerospace. TWM boasts precision manufacturing tailored to client requirements and an Asset Management CMS system for all supplied traffic signs. TWM was established in 2002 and has over 17 years' experience in traffic control systems. All signage products are made to order in the UK and carry our own extensive manufacturer's warranties.