



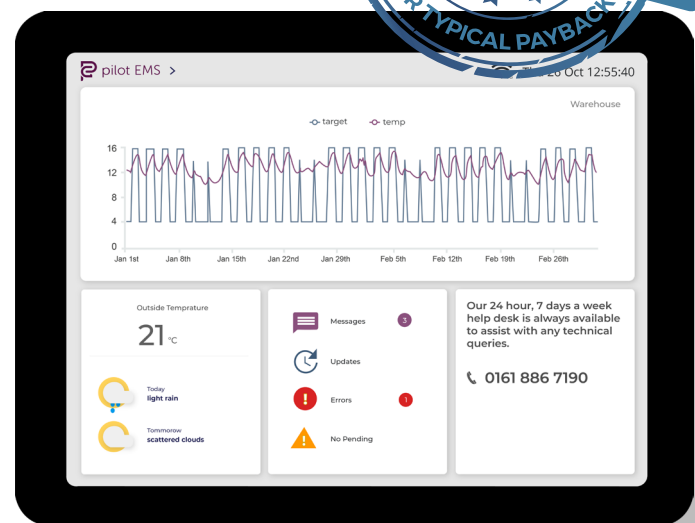
New Vickers Energy Management System with Hilclare LED Lighting delivers huge energy savings for Carpenter and Paterson Ltd

Vickers, a leading supplier of **advanced Energy Management Systems (EMS)**, has delivered significant savings for Carpenter and Paterson, specialists in the design and manufacture of Pipe Suspension Equipment.

After undertaking a comprehensive site survey, Vickers designed and developed a **bespoke solution in 19 zones**, that would replace the company's existing heaters, heating control and management, and lighting schemes with **energy efficient and long-lasting LED's**.

Users are empowered by the ability to remotely access their systems from **secure cloud based technology**, where they can monitor, control and generate reports showing the energy saving benefits of the system.

Built in **algorithms process the internal and external temperatures** to calculate how long heaters should be running and sensors automatically adjust the heaters.



The results have far exceeded expectations with Carpenter and Paterson Ltd reporting **savings of more than 50% in fuel consumption in the past year**.



Kevin Edwards, Financial Director at Carpenter and Paterson said:

"We are extremely pleased with our new energy management system and lighting installed by Vickers. So much so that we have extended our service agreement for a further five years. Saving over 50% a year on gas consumption obviously makes an impact not only on our bottom line, but also, importantly on the environment too."

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Chris Pearson, Managing Director at Vickers commented:

“We are delighted to have been commissioned for this project and enjoyed helping Carpenter and Paterson save money and reduce their carbon footprint with the latest heating technologies.”

In the first 12 months, Vickers guaranteed Carpenter and Paterson a saving of 15%, but the Vickers energy management system **exceeded this by 37%**, and actually **saved the customer 52%**. This was a saving of **£27,454**, with kWh saving of **1,007,990**. In total, 452 **Hilclare LED 60w 1500mm LED battens with PIR batten sensors** were installed plus 20 70W IP65 twin anti-corrosive LED lights by Vickers, **providing a lifespan of**

In its first year alone, it forecast impressive electricity savings for **LED lighting with sensors of £12,458**, along with savings of 125 kWh energy usage, and 74 tonnes of CO². Additionally, Hilclare supplied and installed 20 Hazardous 46W Flameproof Batten LED's, **saving 74% running costs and 74% Co2 consumption**.

The cost **savings made by the installation** of the new energy management system **resulted in the single biggest ever reduction in fuel consumption and carbon footprint for Carpenter and Paterson**.



Carpenter & Paterson saved

52%
on their fuel

 **Vickers**[®]

HILCLARE
LIGHTING MANUFACTURER
— LED BY DESIGN —



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Vickers is part of the Pilot Group. At Pilot Group we believe in using technology to make the places we live and work smart, safe and sustainable. We do that by designing and investing in innovative products and solutions that reduce energy costs, enable management through data, and improve safety.

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