

New technology returns energy savings for facilities managers

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New technology from Cloudfm is claimed to make energy savings of 23% across the hospitality and leisure sectors.

The team developed an end-to-end IoT technology solution, Mindsett PRISM, supported by behavioural change tools to encourage people to take practical measures to impact the environment positively.

It is designed to monitor assets within a building and deliver data to a cloud-based dashboard and app to inform users about simple changes.

The technology turns data into action at the site and asset level, helping FMs to target energy and resources with the most impact. The solution combines IoT, AI and machine learning to reduce costs and eliminate waste.

The company reported that Rank Group and Azzurri Group are rolling out the platform to help meet carbon reduction goals. Early data from Azzurri's estate shows an energy saving of 23% in the first few weeks, said the company.

IOT development director David Attoe said: "The platform uses proprietary technology to give an accurate picture of energy consumption within a building. The development of our cloud-based dashboard makes it easy for users to understand and act on the data. The impact of the technology is immediate and significant. We've had a huge amount of interest from around the world as companies seek to act quickly in managing energy consumption and reducing carbon emissions."

The product can be integrated with existing systems and workflows, making it easy for organisations to adopt without disrupting their operations. The system is designed to be user-friendly, with intuitive

dashboards and apps, along with interactive reports that provide actionable intelligence.

Azzurri central operations manager Steve Owens said: “The Mindsett platform is having a notable impact on our carbon footprint. Our teams have found it easy to use, and they are able to act on the data by making simple changes, such as turning off heaters overnight. It has also been an invaluable tool in estate-wide communications as it allows us to put accurate usage data against individual appliances.”

The app is designed to be a user-friendly mobile application that gives users visibility and control, including an intuitive interface to provide a top-level overview of energy consumption, carbon emissions, and cost, allowing users to monitor energy budgets. According to the company, it offers insightful graphs and analytics, enabling users to identify energy consumption patterns and pinpoint assets contributing to excess energy usage. IOT product manager Stuart Ruthven said: “A huge amount of work has gone into making the data visualisation as engaging as possible. It’s essential that people can easily access and understand the data. Our development process was informed by leading behavioural scientists to ensure that it’s as effective as possible.”