Datore launches ECOsmartAI – energy management made simple

2 years ago

ECOsmartAI is a software that measures and analyses real-time energy data and simplifies processes with notifications and automated actions. It can integrate with BMS, CAFM, finance systems, IoT devices, and more.

The recent energy crisis, and the need to implement Net Zero strategies present facilities and energy managers with a challenge to significantly reduce energy consumption within their organisations. Datore helps shed light on energy management with analytics and AI. 'With over 20 years of experience in the built environment sector, we help businesses better understand their energy and facilities needs and find areas for improvement', says Graham Perry, Commercial Director. 'We saved one client over £500,000 by reconciling their energy agreements against the supplier invoices.'

ECOsmartAI is a software as a service that helps with:

- Consumption – monitors when and where the energy is consumed and reveals areas for potential savings.

- Generation – offsets green energy generated in-house or bought from green energy suppliers against consumed energy.

- Reconciliation – reconciles supplier invoices against meter readings to check if bills are correct.

- Net Zero – monitors Net Zero targets against real-time data about greenhouse gas emissions.

- SECR – analyses real-time data of all three scopes to help meet yearly targets and simplify the reporting process

The software can be customised to the specific business needs and integrated into any existing software solution already used. It delivers an array of automation and analysis features that are leading in the field of building and energy data analytics. 'The industry is awash with energy platforms that capture information and produce dashboards. We take this to the next level by adding the ability to quickly integrate code or Machine Learning models that would actively monitor your estate and even automate decision making through direct instruction back to the onsite BMS', adds Perry. 'Equally, it was important to ensure that clients with a simple requirement for monitoring were catered for at a cost that made the ROI quick and easy'.

ECOsmartAI is a tool for green energy manufacturers, facilities managers, energy managers, energy consultants and facilities companies as it currently operates in all of these marketplaces and is configured to the exact needs of clients across these industries.

Datore's team has a vast knowledge about Net Zero and supports clients on their journey to become carbon neutral. Measuring and analysing all sorts of energy data, ECOsmartAI transforms information into actions. 'There is no need to spend hours analysing dashboards. Our system will notify you about everything that matters and even create automatic tasks for other systems including BMS systems', assures Sophia Lee, Operations Director. 'We have plans to further expand ECOsmartAI for it to become an entire ESG reporting suite', shares Lee.

Datore Ltd is a UK-registered company that specialises in outsourced data capture, management, modelling, analysis and insights. Predominantly working within the built environment industry, Datore provides analytics and data as a Service offers, as well as infused and embedded solutions that are specific to client needs.