SIGMA ENERGY MANAGEMENT SOFTWARE CASE STUDY:

Sigma's Energy Intelligence platform white labels Yellowfin to deliver advanced energy-management reporting.

"We've been extremely impressed. The product is leaps ahead of any market-leading competitor products for embedded BI and analytics that we have tested."

Edward Kilby
TECHNICAL ARCHITECT,
TEAM (ENERGY AUDITING AGENCY)

Background

TEAM is the UK's leading supplier of carbon and energy management solutions, specialising in energy-management software, energy bureau services, and energy consultancy.

Sigma Energy Management Software allows organisations across the public and private sectors to manage their energy data from any number of energy suppliers more effectively and efficiently, across multiple sites. By partnering with Yellowfin, TEAM has expanded on the Sigma software suite to deliver Energy Intelligence, a seamlessly integrated reporting module that will allow users to enjoy high-performance data analytics.

Challenges

With an extensive history of developing, implementing, and supporting best-in-class energy management software solutions, TEAM, together with its parent company EDW Technology, saw a lot of potential in strengthening their Sigma product and service offering.

TEAM began to review Sigma with the aim of making their energy-management software the leading platform in the UK market. They were looking to future proof their solution and deliver on a promise they had made to their customers of providing an energy-reporting solution that would deliver advanced data insights that would enable energy managers to create additional energy savings.

TEAM's software developers, architects, and project managers defined the selection criteria for an embedded analytics solution. Prior to this, key reports could be manually generated, but no added intelligence was available.

Self-service and collaboration were key requirements. TEAM wanted a fully branded and seamless solution: one that offered their customers the ability to build and share their own energy reports in seconds (meter consumption, utility bills, query information, and more) and take control of their data.

The ability to easily generate enhanced visualisations and charts - and continue to interact with the data - with drill-down capability or by applying enhanced mathematical calculations, would allow them to meet the needs of the tech savvy energy managers within their customer base as well as the non-technical users from within their own energy bureau.

Additionally, TEAM wanted to take advantage of the benefits of machine learning and AI functionality that smart BI and analytics platforms have started to introduce. They could see a lot of value in delivering intelligent recommendations to their customers about how best to manage their energy estates while identifying the best energy-saving projects to invest in.

The Solution

TEAM chose Yellowfin's embedded BI solution, which offers all the benefits of self-serve reporting, advanced analytics, predictive analysis, KPI tracking, collaboration, and distribution.

Edward Kilby, Technical Architect at TEAM comments, "It's not often you purchase a software product and it lives up exactly to the sales pitch! We've been extremely impressed that the Yellowfin product has delivered every capability they said it could."

Graham Paul, Service Delivery Director at TEAM says, "We promised our customers a new reporting tool and by working with Yellowfin we have been able to provide our customers with the tools and capabilities to better understand, react, and plan their energy data, ultimately resulting in cost savings for their business".

Energy managers are now able to run reports that help them to understand how to:

- Use historical data to plan and strategise for the future to become more energy efficient
- Report and reduce energy consumption and carbon emissions
- Eliminate future energy problems
- Build strategies to reduce long-term operating and maintenance costs
- Make their organisation's estate more occupant friendly
- Meet regulatory requirements.

Sigma's Energy Intelligence module not only allows users to build and customise reports and dashboards, it also facilitates advanced analytics and predictive modelling, and creates important storyboards and insights that are useful to those who are managing energy. Beyond adding new functionality, this enhancement has renewed customer confidence and made the solution more attractive to new prospects.

Benefits

Users of Sigma Energy Intelligence will be able to perform multi-dimensional analysis on their energy data using the responsive drag-and-drop report builder. Its design is intuitive and easy to use, allowing them to do what they need quickly, supporting and adapting to changing business and energy management needs.

They can also forecast their energy consumption using Yellowfin Assisted Insights and control and identify costs for potential investment using predictive analysis. The KPI tracking feature is also available to help meet targets and benchmark performance. Location-based insights can also be utilised to help with business planning.

Users can then share data and reports with ease within the software itself and through external collaboration platforms. They can then create immersive and data-rich presentations to showcase their reports, allowing for full energy-management transparency and stakeholder engagement.

Graham Paul continues to explain: "The fundamental difference between traditional energy reporting solutions and Sigma Energy Intelligence is the ability to interact with the data. The tool can perform multi-dimensional analysis, which provides meaningful 'Energy Intelligence' to support energy management decisions and strategy."

TEAM found Yellowfin incredibly easy to work with. Edward Kilby concludes, "Beyond the initial training and consultancy that helped us to fast-track the integration into the existing Sigma software, we found Yellowfin really approachable. Both response times and support has been excellent. Yellowfin is a fresh and innovative company and we can see a lot of thought has gone into their product to make it easy to work with complex underlying data. We have no doubt that this will be an ongoing successful collaboration."

For more information on Yellowfin, visit www.yellowfinbi.com