



Transforming Finance Operations Of A Global Solar Tracking Systems And Technology Company



ABOUT CLIENT

A USA-based global company, with branches in five other countries, specializes in solar tracker systems, technology, and engineering services. This company is renowned for its expertise in installing top-tier solar panels and designing cutting-edge devices that enhance the efficiency of automatic solar panel positioning. Their commitment to sustainable energy solutions has positioned them as a leader in the renewable energy industry, offering innovative solutions that contribute to a greener and more sustainable future.

PROBLEM STATEMENT

Our client previously heavily relied on a combination of spreadsheets and SQL servers to manage and track their data. However, this approach presented numerous limitations and challenges for their financial teams. Firstly, it was error-prone due to manual data entry and the extensive use of spreadsheets, which significantly increased the risk of inaccuracies, ultimately impacting the reliability of their financial reports and analyses. Additionally, as the company expanded its operations and accumulated more data, the traditional methods of spreadsheets and SQL servers needed help to handle the growing volume of information effectively. Furthermore, the absence of a system for real-time data visualization and analysis made it time-consuming to extract meaningful insights from disparate data sources, leading to delays in decision-making processes. Lastly, the company grappled with the complexity of consolidating data from various sources, including branch offices and countries, making data integration and analysis a daunting task.

SOLUTIONS

Our experts thoroughly analyzed the data to address these challenges and implemented a Power BI analytics dashboard.

Data Centralization: We created a centralized data pipeline, consolidating data from multiple sources. This empowered teams to create custom reports and extract insights from clean and centralized data, promoting seamless collaboration and data sharing within the organization.

Automated Data Integration: Power BI enabled us to connect and integrate data from multiple sources, including spreadsheets, SQL servers, and other databases. By automating data integration, we reduced the manual effort and the time required for data processing.

Real-time Dashboards: We developed an interactive Power BI dashboard that provided real-time insights and visualizations. This helped the finance team to track and analyze data effortlessly.

Monitoring KPIs: We worked closely with the respective stakeholders from the client's finance team to identify and understand key performance indicators (KPIs) which we then incorporated into the financial dashboard for real-time monitoring.

Budget Comparison: Using Power BI, we developed reports that allowed the finance team to compare actual spending with budget allocations. This provided visibility into budget variances and elevated financial management.

Industry

Energy and Resources

Products used

Power BI Dashboard

Functionality Enable

Data science

Impact

18%

Reduction in time spent on manual data processing, allowing them to focus on data analysis and strategic decision-making

22%

Reduction in data inaccuracies and improved financial reporting accuracy.

19%

Reduction in the time required to extract meaningful information from the present data from the interactive visuals plus this led to a 12% reduction in budget variances

Data centralization allowed teams across different branches to share reports and collaborate seamlessly. This led to improved communication and alignment within the organization.

pro tip

Turn data into dollars with real-time Power BI insights for smarter finance operations.

Take the next step

Ready to transform your finance operations? Connect Today >