



CLIENT SPOTLIGHT ENGINEERING/CONSULTING FIRM

Global engineering and construction firm innovates with a modern data & analytics platform and Azure Synapse

CHALLENGE

This global engineering and consulting firm designs, plans, constructs and manages facilities all over the world. As their mission is to 'make their clients successful', they needed to establish a modernized data platform to innovate their data and analytics capabilities. The company's goal was to benefit from a more robust, dynamic and resilient platform that could provide powerful insights on a limitless scale. In addition, introducing next-gen analytics and self-serve BI tools into the current environment will empower users and enhance decision making processes. The client was looking for a strategic roadmap to be developed to simplify big data prep and analysis through automation, streamlining operations and increasing efficiency. Security remains a top priority, so a solution was needed that will support and enhance current security protocols and systems to safeguard sensitive information. Finally, the business wanted to reduce Total Cost of Ownership (TCO) and promote cost savings, ensuring a sustainable and cost-effective analytics infrastructure for long-term success.

SOLUTION

3Cloud's partnership with the engineering firm revolved around establishing a resilient foundation for the company's data challenges, introducing a unique solution for modern data warehousing and self-service analytics. Leveraging the capabilities of Azure Synapse Analytics, our solution ensures unmatched time to insight, enabling swift and informed decision-making. 3Cloud also provided advisory and development services covering data ingestion, preparation, modeling and overall support. Our team

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provided detailed documentation and walkthroughs, ensuring a seamless integration process and empowering users to make the most of the advanced analytics tools at their disposal. With a focus on resilience, efficiency and user empowerment, our solution was tailored to meet the evolving needs of the company’s data and analytics landscape.

RESULTS

The implementation of 100% Synapse data warehousing and big data analytics has had a big impact on the client’s operations. The dynamic and resilient platform not only ensures powerful insights but also scales limitlessly to accommodate the growing data demands of the business. The solution has significantly enhanced data security through the incorporation of advanced privacy features, ensuring the protection of sensitive information. In addition to the substantial improvements in data capabilities, there has been a notable reduction in Total Cost of Ownership (TCO), reflecting the efficiency and cost-effectiveness of the adopted solution. This holistic approach to data management meets the current needs of the engineering/consulting firm and also positions them for future growth and innovation with data analytics.

CLIENT PROFILE

Global engineering, construction & consulting solutions firm
Annual Revenue: \$6.9B
Employees: 14,000+
Innovation Focus: Data & AI