

LKW WALTER - Data Warehouse Implementation

Aliz was supporting the LKW WALTER team in the planning and execution of the project with resources and education too. We designed together the most suitable architecture for the customer and adapted it to the changing needs along the way.

The challenge

LKW WALTER encountered significant challenges implementing an on-premises data management system: - High costs maintaining an on-premises data platform - Scaling infrastructure to accommodate growing data storage and processing needs - Adapt to changing business needs - Take advantage of emerging technologies and innovations - Slow progress in gaining valuable insights from data

The solution

The introduction of real-time streaming data with a short retention time as an integral component of the application development disabled the feasibility of a classic batch-job-driven DWH. During the project, Aliz built secure, scalable streaming data ingestion into the cloud data warehouse. Furthermore Aliz achieved a self-service data platform for LKW WALTER based on metadata-driven ingestion.

The results

Aliz implemented a metadata-driven data platform, enabling fast access to over 2000 Kafka sources for analytic teams while ensuring the protection of sensitive data. With Kafka topics doubling in the past two years, the automation and self-service approach have become crucial to quickly derive value from data. The integration of new data sources has reduced the data availability delay by 75%.

“ In order to derive insights and drive business growth, it is imperative that data is accessible. Aliz strategically engineered our data platform utilizing Google Cloud Platform, enabling us to harness the power of data and leverage insights to drive innovation. This platform empowers us to establish integrated data ecosystems that seamlessly scale to accommodate growing demands. ”

Johannes Tomin, Head of Data & Advanced Analytics, LKW WALTER



About LKW WALTER

LKW WALTER is an Austrian private company that has been trusted by international groups as well as SMEs since 1924. With a focus on full truck load and combined transport, they successfully leverage digitalization and data strategies to gain insights for operational optimization and data-driven decision-making.

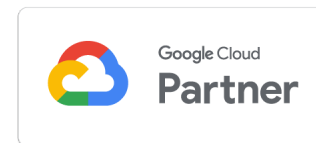
Industry: Logistics

Primary project location: Austria



About Aliz Tech GmbH

Aliz is the proven Google Cloud partner for a smooth cloud journey, with specializations in Infrastructure, Cloud Migration, Data Analytics, and ML



Products

Google Cloud Platform