

Real Time Sales Service platform for Morrisons

As a lead strategic partner for Morrisons, TCS was entrusted to develop a platform to augment Morrison's supply chain operations. Leveraging its domain knowledge and GCP expertise, TCS designed the platform minimizing cost, wastage and time.

The challenge

Morrisons wanted to build a Real time Sales Service(RTSS) platform to capture and process sales across various channels and applications. The RTSS would generate 30+ extracts on daily/weekly basis to facilitate sales auditing, forecasting, stock management for strategic decision making and daily sales reporting for store managers.

The solution

TCS designed and implemented a cloud based solution using multiple Google services to process supermarket's sales transactions. RTSS ingested tLogs from supermarkets & PFS storing the data in BigQuery. Tlogs were parsed and processed using Google Pub/Sub & dataflow for real time data processing. Alerts were configured using Google Stack drivers for automatic incident creation and notifications.

The results

The RTSS platform on GCP helped Morrisons to publish store-wise real time sales, enabling business for strategic decision making . The advanced sales extracts to downstream applications for stock management and sales auditing improved forecasts helping Morrisons to manage their inventory effectively, reducing store wastage and increasing the accuracy of markdown price calculation.

RTSS platform enabled Morrisons to build real time Sales datamart which can be leveraged for real time sales reporting across various categories & trading groups/downstream extracts. RTSS has also enabled future scope for Morrisons to build AI/ML solution with weather information for accurate forecasting of Market Street departments.



About WM MORRISON SUPERMARKETS P L C

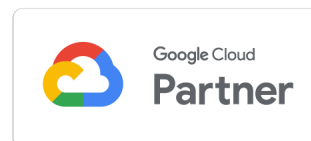
Morrisons is the fourth largest chain of supermarkets in the United Kingdom, headquartered in Bradford, West Yorkshire, England and serving customers across the UK over almost 500 stores and an online home delivery service. Morrisons has over 100,000 employees delivering services to 11 million customers each week.

Industry: Retail & Wholesale

Primary project location: United Kingdom



About Tata Consultancy Services LTD
TCS Google Business unit offers full-stack services across cloud life cycle working with customers to modernize, transform and grow with Google cloud.



Products

Google Cloud Platform