

PEP Maximizes Data Management and Visibility with Google Cloud

Pepkor IT utilizes Google Cloud Platform tools, BigQuery & Cloud Composer to integrate data, ensuring consistency. Centralized in BigQuery, data transformation & harmonization streamline operations, reducing delays & improving understanding.

The challenge

Business & the Distribution Centres' (DC) data is pulled daily from different systems & times. The data received by the business is comparatively less detailed than the data from the DCs, resulting in discrepancies which had to be managed manually. This manual process delayed the synchronization of the data affecting visibility for the business in understanding reasons for work delays.

The solution

Utilising Google Identity Manager and IAM Access Control, we were able to process and manage data at various levels securely. With this, we can accurately present synced data to both the business and the DC's without needing to import the data. Additionally, by incorporating moving average stock balance calculations, we could predict the remaining work days for the DC.

The result

With autonomous data management, manual syncing of figures is eliminated, resulting in zero errors, significant time savings, and visual data representation through a Looker dashboard for both the Business and DCs. This integration allows for a comprehensive understanding of key performance indicators, trends, and metrics, enabling informed decision-making and driving actionable outcomes.

“The availability of data on a Looker Studio Dashboard eliminates time-consuming back-&-forth conversations, saving time for all involved. Businesses can now manage distributions with greater accuracy & efficiency, thanks to detailed information at their fingertips. Improved visibility empowers distribution centers to effectively plan & allocate their workforce based on the workload ahead.”

Sumé Swart, Business Intelligence Analyst, Pepstores



About PEP

PEP opened its first store in 1965 in De Aar, in the Northern Cape. Over the years, the PEP brand has become a firm part of South Africa's history and culture.

Vertical/horizontal solution: Retail & Wholesale

Primary project location: South Africa



About Pepkor IT (Pty) Ltd

A division of Pepkor Holdings Limited, providing IT support, offering solutions and servicing 8 major retailers within Southern Africa and Africa.



Products

Google Cloud Platform