

Self service tagging application for managing product metadata and project subscription for accurate FinOps reports

CLIENT

The client is a global technology leader that designs, develops and supplies a broad range of semiconductor, enterprise software and security solutions.

Its solutions include service provider and enterprise networking and storage, mobile device and broadband connectivity, mainframe, cybersecurity and private and hybrid cloud infrastructure.

TECHNOLOGY STACK



PROJECT OBJECTIVES

The client needed a portal to accurately represent the scope of services offered by the FinOps team including a self-service tagging application to manage product metadata, project, subscription and account IDs. It consists of two components : Product Metadata Management and Cloud Project/Subscription/Account Tagging. Here Business Units can nominate users to keep tagging updated to make sure that FinOps reports are accurate and compliant.

SOLUTION DELIVERY

- SquareShift team set up a FinOps and product security portal to accurately represent the scope of services offered by the FinOps and product security team to other divisions.
- Set up an approval process for any changes in the Account and Billing management tool. Changes were reflected only after approved by the Business Unit champion.
- The team had developed and maintained API's for other systems to consume data for product metadata and project tagging.
- The Account and Billing management application now manages 3000+ product metadata and 17,000+ project tagging.
- Automated the process of syncing data with other systems such as Klera using Google Cloud function pub/sub whenever changes are made in the Account and Billing management tool.
- Created modules of services offered by FinOps team in the Finops and product security portal.

Outcome

After the development of the application, the FinOps and product security portal accurately represents the scope of services offered by the FinOps team with the ABM tool handling larger data with improved approval process for product metadata and cloud project tagging by BU champions and maintaining integrity of the data.