

# Mother'son Technology Services helped accelerate digital transformation journey of a leading steel provider

## Client Overview

They are a leading steel provider globally. With over 600 steel grades - many substituting imports, they serve an array of contemporary industries (agriculture, automotive, infrastructure, defence, energy, etc.) and contribute to an Aatmnirbhar Bharat

## Purpose and function

MTSL was approached by the client to support a big merger. We not only helped accelerate their digital transformation journey but also help them simplify and streamline their complex IT landscape and drive digital transformation through Cloud-first approach.

## About Challenge

- Cost reduction of infrastructure services
- Technology transformation and SAP HANA migration
- Improve communication latency between applications running in multiple clouds
- One Cloud Platform selection based on workload requirements GCP for SAP and Non-SAP workloads
- Multiple support team from different vendors

## How MTSL Helped

MTSL played crucial part in developing the HA & DR Design Strategy for SAP and Non-SAP environments in accordance with customer requirements.

- Identified the potential failure mechanisms and suggested best practices for avoiding them.
- A robust communication strategy was used to schedule the migration during a period of low business time activity.
- Isolation Zone – Isolating cloud host from on-premises during migration build and Deployment
- Single Cloud Platform and Migrated workloads from 3 DCs
- Right size VM provision leveraging GCP native custom VMs

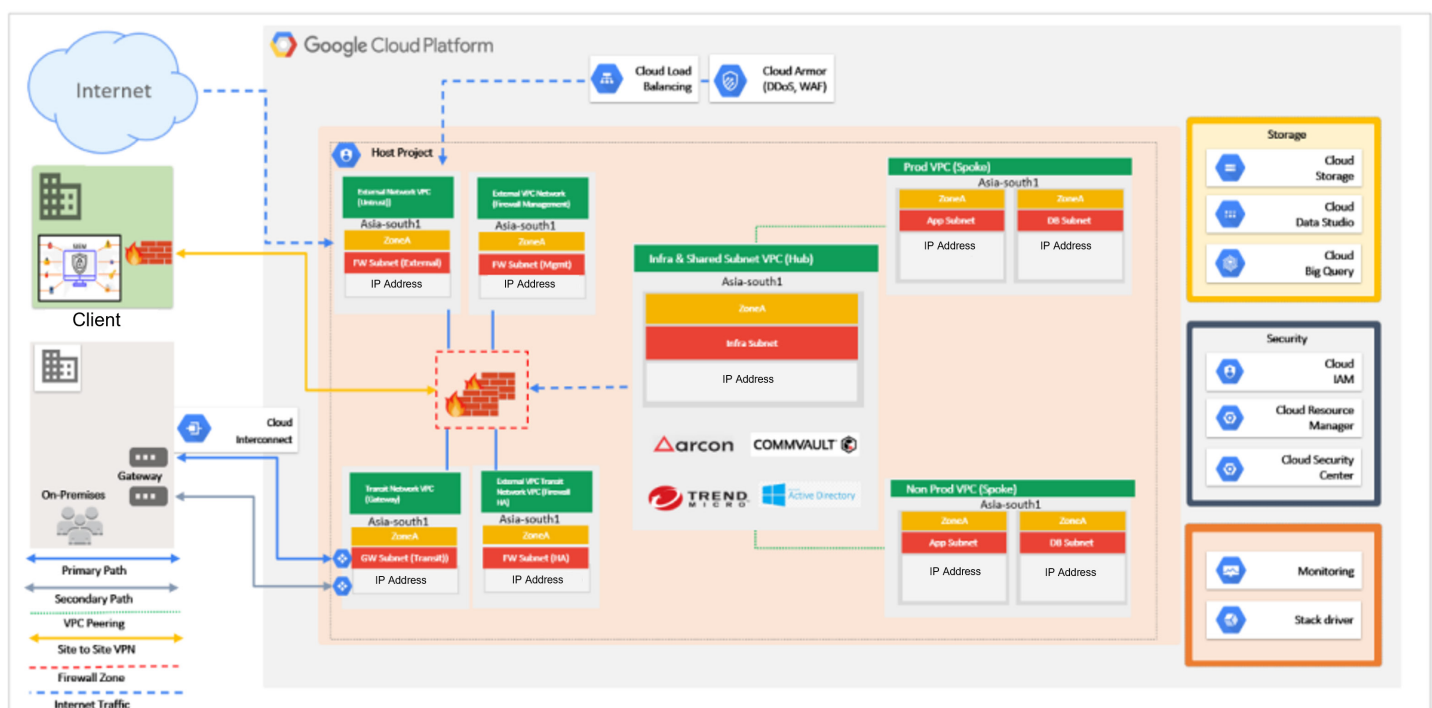
- Scheduled 8 hours up time with GCP scheduler for Dev/QA instances
- Provided customer with the SOP to perform backup and restore of their respective SAP and Non-SAP workload.
- Tested the business continuity using automation
- Provided the strategic guidance on creation of RBACS and enablement of ADFS groups as per requirement.
- Presented customer with the MTSL Automation Framework for automating the Infra Deployment in order to speed up the Infrastructure deployment as customer had many DC's.

## Tools Technology and Solutions:

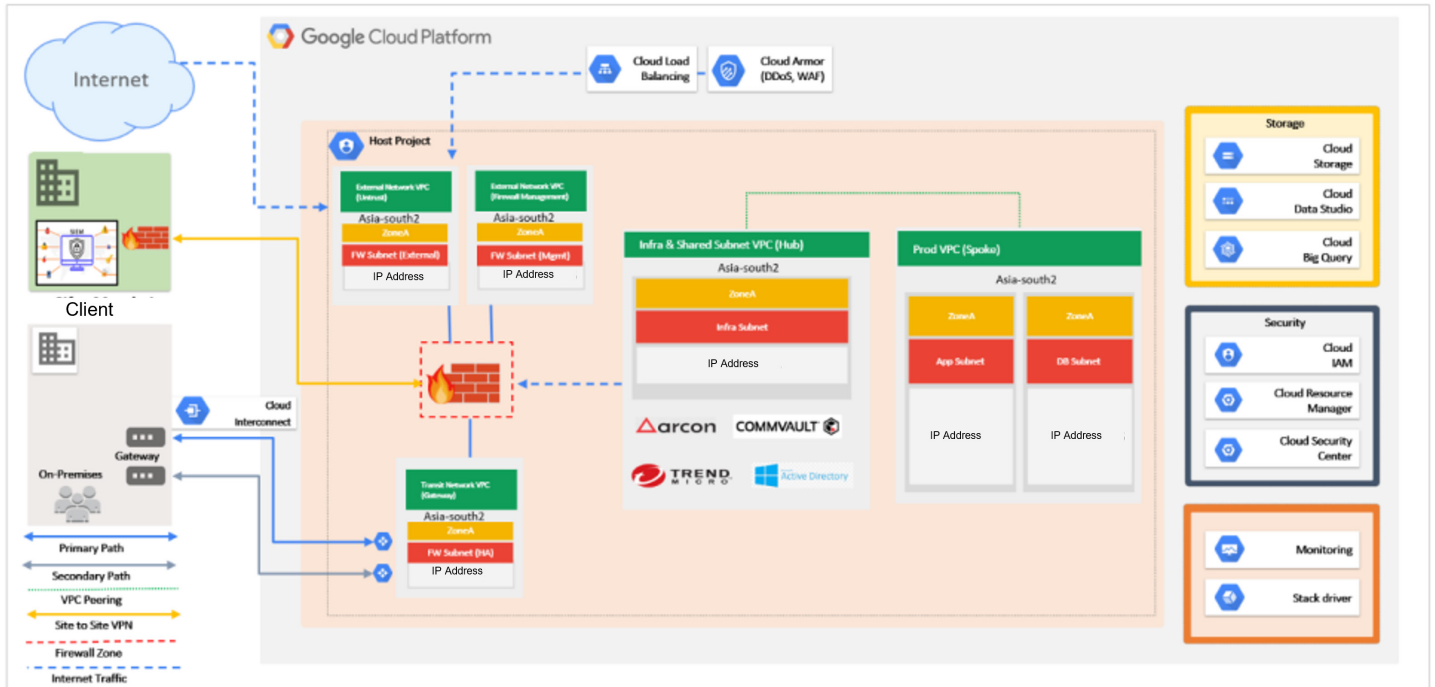
- Cloud assessment
- Migration planning and strategy
- Backup solution - Commvault for SAP, S/4 HANA, Content DB (Max DB) and, Cloud Native for Non-SAP

- Enterprise network and security
- MTSL Cloud Operations

## High-Level Architecture Design (Primary)



## High-Level Architecture Design (Secondary)



### Solution Levers

- Google Cloud
- Identity & Access Management
- Migrate for Compute Engine
- Cloud Interconnect & VPN
- Cloud Backup
- Cloud Security
- Enterprise SIEM & Firewall
- IaC (Terraform)
- Cloud Monitoring

### Solution Benefits:

- Moving to the cloud led to more consistent application performance and service availability.
- For non-production & production settings, consumption based GCP public cloud solutions and Disaster Recovery
- Infrastructure as a Code-based Deployment methodologies.
- Customer time and costs for managing resources and services are decreased
- Google Cloud native services for compute, storage and load balancers
- 60% migration from on-prem, 20% to private cloud and 20% retain and retire
- Lowest latency achievement for best application performance
- Application Transformation

MTSL migrated business applications and infrastructure from on-premises to GCP thereby leading to a reduction in costs for the customer and consolidation of the customer's data centre.

### Key Benefits :

- Reduce customer's costs and capitalize on economies of scale and provide access to lower-cost resources
- Allow customer more efficient capacity
- Provide faster delivery of new capabilities
- Increase operation efficiency and quick resolution

## About The Partner

Founded in 1975, Motherson Group is an industry leader and one of the world's largest manufacturers of components for the automotive and transport industries. The group's diversified portfolio makes it a complete solutions provider across the globe. Motherson Group serves its customers with a wide array of products and services through multiple business divisions including wiring harness, vision systems, modules and polymer, technology & software, aerospace, health & medical, logistics, retail, and metal products.

Motherson Technology Services is a global technology company that offers a consulting-led approach with an integrated portfolio of industry-leading solutions that encompass the entire enterprise value chain. Our technology-driven products and services are built on two decades of innovation, with a future-focused management philosophy, a strong culture of invention and co-innovation, and a relentless focus on customer-centricity. A CMMI Level 5 company, we have delivered best-in-class services to over 430 customers in 41+ global locations across all continents. We are a business division of Motherson Group, one of the largest manufacturers of components for the automotive and transport industries worldwide with 150,000 employees across the globe.