

Harnessing Google Cloud to revolutionize Unilever's IT landscape



About the customer

Unilever is a British multinational consumer goods company headquartered in London, England with over 149,000 employees across the world. They have over 400 brands that meet the daily needs for nutrition, hygiene, and personal care needs of the consumers across 190 countries.

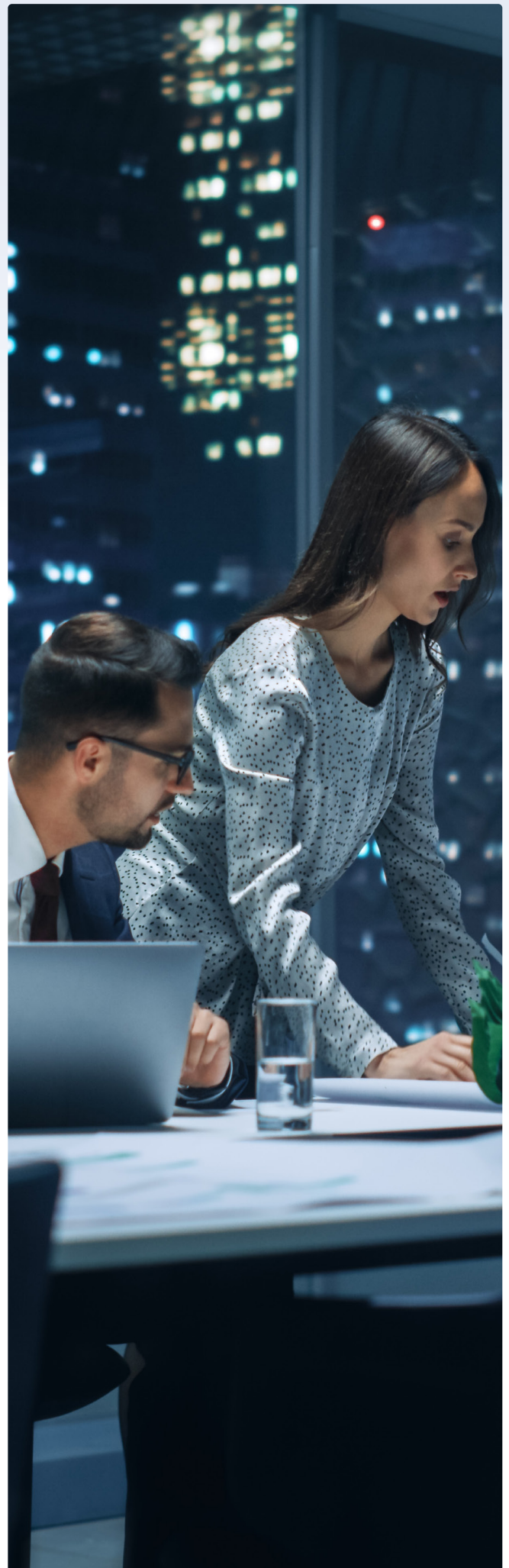
Vision

Unilever intended to change many areas of its business in support of the company's strategy to accelerate growth. Given the strategic priorities and initiatives, HCLTech helped them implement a well-defined Cloud acceleration and datacenter exit strategy to bring about the following benefits:

- Increase the speed of current cloud migration efforts, enabling business agility and innovation
- Limit future capital investments and depreciation of technology and assets
- Reduce or eliminate ongoing maintenance and upgrade costs
- Reduce current managed services expenses
- Potentially sell datacenter sites and assets

Business requirements

- Build GCP cost-effective Landing Zone to support workloads from Multiple DCs\Regions and reduce the total cost of ownership
- Optimize existing IT operations: Enhanced visibility through Cloud Monitoring by integrating customer's existing ITSM
- Enable agility through IT modernization. Remediation of Legacy OS & Apps in Target state. AIX & Oracle running on AIX transformation OEL in Target State
- Hybrid Cloud Platform selection based on workload requirements
- Secure by design and well-architected framework. Network & Security Services - Resiliency & scalability capabilities
- Leverage existing invested Licenses for Oracle and SQL etc
- Agile and Cloud Governance Operating model



Tools, technology and solutions



Design, Build & Migration

- GCP Native Services: Shared VPC, Cloud DNS, Firewall, LB, Stack Driver, Logging, IAM with Azure AD Federation, Private Access
- GCP Bare Metal Service for oracle workload. GCP Sole Tenant for SQL database farm, Citrix
- Network Security: InterConnect, GCP Firewall, MVision, Akamai, Thousand Eyes, Squid, AD proxy
- Storage & Backup: Native Storage, CVO (NetApp), Networker
- Security: Org Policies, BigFix, TrendMicro, Hardening, Encryption, Qradar, OS logging
- Migration Tools: SureEdge, Snapmirror, Cloud Sync, Rsync\Robocopy



Discovery & Planning

- Assessment: Cloudamize, CMDB Reports
- Analysis & Craft: Meet n Greet Sessions with Apps, HCL'S DPRIZM, Migration Planning Wave Groups
- Deliverable: Migration & Cutover plan for every Wave groups and dependency Mapping documents



Operations

- Cloud Monitoring with MOM, QRadar, SNOW

Solution highlights

- Multi-region Cloud Landing Zone Build (Europe West 3 & Europe West 4)
- HUB & SPOKE network Secure Internet traffic GCP and BMS
- Emphasis on Simplification, Optimization, Consolidation & Innovation
- Private Google access for Google services (Restricted APIs), NetApp ad
- IaaS based Deployment and Migration methodology – HCLTech OneClick
- Migration tools set up to support 1000 servers Migrations* – In Progress
- Consumption-based cloud solution for non-prod environments and DR
- Agile, automated, and adaptive Infrastructure – Terraform templates and PowerShell
- GCP Org Policies, MVision
- SRE based cloud operating model framework implemented across vertical