



CASE STUDY

Accelerated Infrastructure Discovery & VMware Cloud Migration for Global Logistics

CUSTOMER PROFILE

CUSTOMER

Premier Global Logistics & Supply Chain Provider

INDUSTRY

Freight & Logistics

REGION

France (Global Scope)



170

Countries in the customer's global network



3,900

Virtual machines assessed across four datacenters



100

Target VMs migrated into Google Cloud Platform

CUSTOMER BACKGROUND

A top-five global logistics provider operating across 170 countries delivers comprehensive end-to-end supply chain, contract logistics, and multi-modal freight solutions. Operating a highly distributed hybrid IT environment across four global data centers, the company needed to evaluate its extensive VMware server estate to optimize performance, map hidden storage dependencies, and establish a data-backed foundation for targeted cloud adoption into Google Cloud Platform (GCP).

PROJECT OVERVIEW

The project encompassed the end-to-end discovery and assessment of 3,900 virtual machines distributed across four global data centers, followed by the zero-downtime “Lift-and-Shift” migration of 100 targeted VMs into Google Cloud Platform (GCP). The mandate required disk-level storage visibility, automated validation of shared VMware Raw Device Mapping (RDM) disk configurations, cluster resource dependency mapping, application-layer protocol classification, and proxy-restricted Google Secret Manager integration.

KEY CHALLENGES

- **Storage & Disk Visibility**
Capturing granular disk-level storage insights across four datacenters to ensure accurate capacity planning for each facility.
- **Shared RDM Disk Complexity**
Identifying undocumented VMware workloads utilizing shared RDM disks to prevent migration design flaws and rework.
- **Cluster Dependency Blindspots**
Extracting VMware cluster resource data to understand shared storage boundaries and workload dependencies.
- **Offline Estate Data Access**
Consolidating full preflight and extended scan datasets into downloadable offline formats for cross-functional technical analysis.
- **Grid Navigation at Scale**
Providing intuitive UI filtering across large server estate grids to streamline move-group navigation within target waves.
- **Network & Security Boundaries**
Identifying application-layer protocols, separating internal versus external traffic, and maintaining proxy compliance for secret management.



SOLUTION APPROACH

- 1 Automated Storage Analytics**
 Deployed native platform reporting engines to extract granular, disk-level storage metrics into actionable assessment deliverables.
- 2 Shared RDM Configuration Discovery**
 Automatically discovered and validated VMware shared RDM disk configurations to ensure precise move-group planning.
- 3 Integrated Cluster Mapping**
 Captured VMware cluster resource metrics within the primary infrastructure scan to establish clear workload boundaries.
- 4 Unified Dashboard Data Exports**
 Provided comprehensive offline export options across Preflight, Scan, and Extended scan phases via the MaaS dashboard.
- 5 Interactive Grid Navigation**
 Enabled column-level filter icons across estate waves to accelerate server isolation and wave assessment workflows.
- 6 Traffic Intelligence & Proxy Security**
 Exported communication reports detailing application protocols and internal/external traffic rules, while enabling connectivity for Google Secret Manager.

STRATEGIC VALUE DELIVERED

Multi-DC Estate Visibility

Rapidly evaluated 3,900 VMs across four global data centers, providing unified inventory clarity.

Shared-Disk Risk Mitigation

Isolated VMware RDM configurations early, eliminating migration design gaps and unexpected rework.

Offline Analysis Efficiency

Streamlined stakeholder reviews by providing single-click dashboard exports across all scan phases.

Targeted GCP Modernization

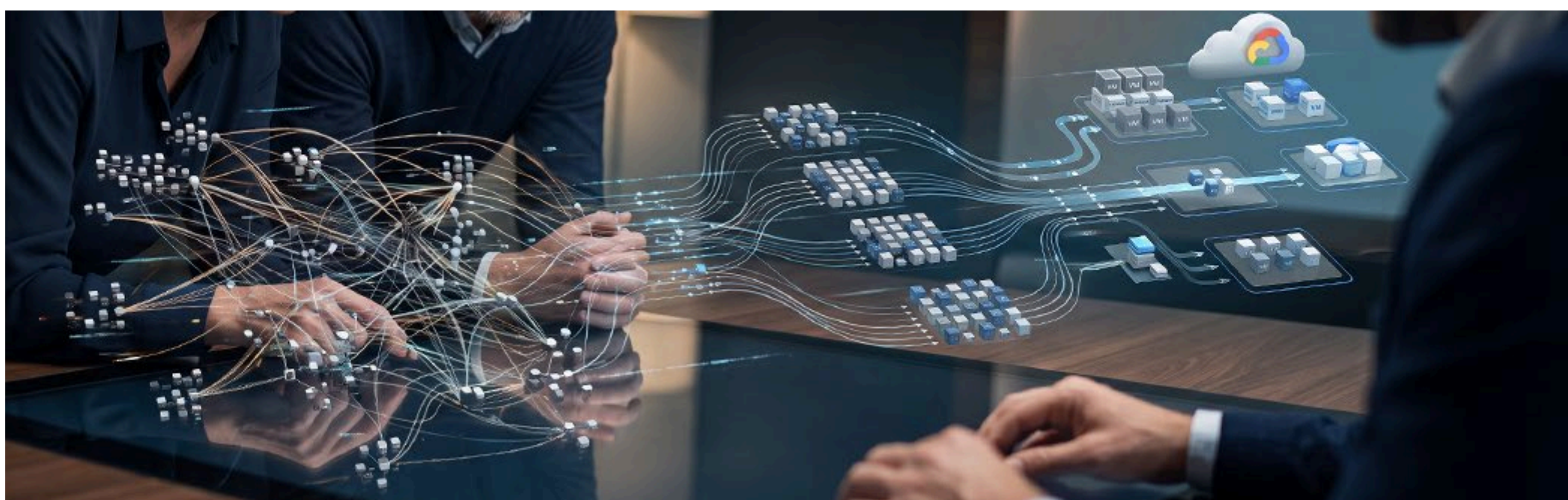
Executed a zero-friction migration of 100 targeted VMs into GCP on schedule.

Network Security Alignment

Prioritized external communication boundaries and traffic intent without intrusive scanning on non-target servers.

Proxy-Compliant Security

Integrated Google Secret Manager seamlessly within proxy-restricted environments without altering network access policies.



BUSINESS IMPACT

Corent delivered total estate visibility across 3,900 VMs across four global data centers using Corent MaaS. The platform uncovered hidden shared-disk dependencies, categorized internal versus external network traffic without extra scans, and streamlined proxy-compliant integrations. This empowered executive leadership with actionable migration intelligence and enabled the successful, zero-downtime transition of 100 high-priority workloads into Google Cloud Platform (GCP).

FINAL STEPS

Facing Complex Multi-Datacenter Migration Challenges?

Eliminate RDM blind spots and de-risk your wave sequencing. Schedule a tailored walkthrough with our migration experts!