

# Migration from UCS Director to VMware Solutions

HCL optimized a virtualized environment with robust automation and intelligent operations



## Client overview

The client is a major Swiss multinational pharmaceutical company, both in terms of market capitalization and sale. It has a large pool of virtualized environments spread across 80 remote sites with slow server build times. The client also has a host of in-house and third-party software tools, including ADDM, Netbackup, TSM, RoD, HMT, SNOW, SCCM, Sharepoint, QualysGuard, and Bluecat.

## The challenge

The client was using UCS Director to manage its virtualized environment. However, it incurred huge licensing costs for each remote site. On top of this, the client had site-specific backup tools, and required a single, comprehensive, and cost-effective solution to handle its multiple sites.

In addition, the client used a manual and partial automation approach for qualification and compliance automation. It depended on different teams to fulfill different services for Oracle, SQL, Windows, and RHEL. The client also had a manual ISO and template-based provisioning for different OS versions. These factors contributed to longer waiting cycles and processes for request fulfillment.

## The HCL solution

HCL selected the VMware vRealize Suite to help the client manage its virtualized environment and overcome the aforementioned challenges. Specifically, HCL deployed vRealize Suite products such as vRealize Automation, vRealize Operations Manager, and vRealize Life Cycle Manager to ease the management of multiple data centers and remote sites.



01

HCL deployed a multi-site deployment architecture with VMware vRealize Automation in a distributed, high availability mode for the client



02

Leveraging the ServiceNow integration with vRealize Automation, HCL enabled the client to utilize all the catalog services on vRealize Automation through ServiceNow



03

The deployed solution was designed in a way that ensured the addition of multiple satellite sites as and when necessary



04

HCL provided an automation solution to update servers with the latest patches and create a seamless backup strategy for all sites and OS versions



05

HCL integrated all in-house and third-party tools with vRealize Operations and built modular workflows for effortless and intelligent operations



06

HCL added an auto request and workflow resume functionality to improve the request fulfillment process



## Results

HCL deployments resulted in:

Decreased provisioning time from 2-3 weeks to four hours, for complex services

Single automated portal for provisioning and decommissioning for all business units

Reduced total cost of adding and managing remote datacenters to the cloud management platform

Higher control over multiple data centers and remote sites with automated provisioning and configuration

Ease of workspace onboarding and decommissioning with a fully automated solution

Shorter scan radius



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