

# Prominent oil and gas conglomerate enhances IT process agility and user experience through cloud

**Achieves 85% reduction in server and storage provisioning**

## About the Client

The client is a Fortune 500 Oil & Gas enterprise comprising several wholly-owned subsidiaries, partly-owned outfits, and associated companies with business interests in 35 countries.

## Goals

### REVAMPING THE DATA CENTER FOR ENHANCED AGILITY

The client's data center operations were beset by numerous challenges. Shortage of skills, and inadequate infrastructure and automation tools made it difficult for them to fulfill their complex customization and integration requirements. The high cost of implementation of data center services was also a major pain point.

The business needed to engage a vendor with exhaustive experience in the vRealize Automation (vRA) suite. The objective was to achieve agility by:

- Integrating various data center elements in the infrastructure provisioning process
- Making the DevOps process efficient through integration with the Continuous Integration (CI) engine
- Automating business workflows by linking them with their ERP system

## Microland

### DELIVERING CUSTOMIZED DATA CENTER INTEGRATION AND SUPPORT

The client selected Microland based on the strength of its

expertise and vast experience in data center management technologies and tools. Our proven capabilities in customizing and integrating data center elements with the vRA suite positioned us as the ideal choice for this complex integration exercise.

## Transformation

### ENABLING SEAMLESS CLOUD INTEGRATION THROUGH SMARTORCHESTRATION FRAMEWORK

We leveraged smartOrchestration, our private cloud orchestration and automation framework that enables organizations to build platform-agnostic, modular, workflow-based and asynchronous cloud orchestration layer for an integrated private cloud environment. It facilitates seamless integration of private and public cloud, enables DevOps automation, and builds the Infrastructure-as-a-Service(IaaS) model. It also enables self-service and catalogue-based automated service provisioning by integrating private cloud with infrastructure components and tools. Additionally, it enforces governance, compliance and control over cloud environments using custom automation.

VMware's powerful VRealize Automation Suite (vRA) was used to create a self-service portal as an interface for automated provisioning of infrastructure and business services.

The solution was implemented in two phases, as shown in Figure 1.

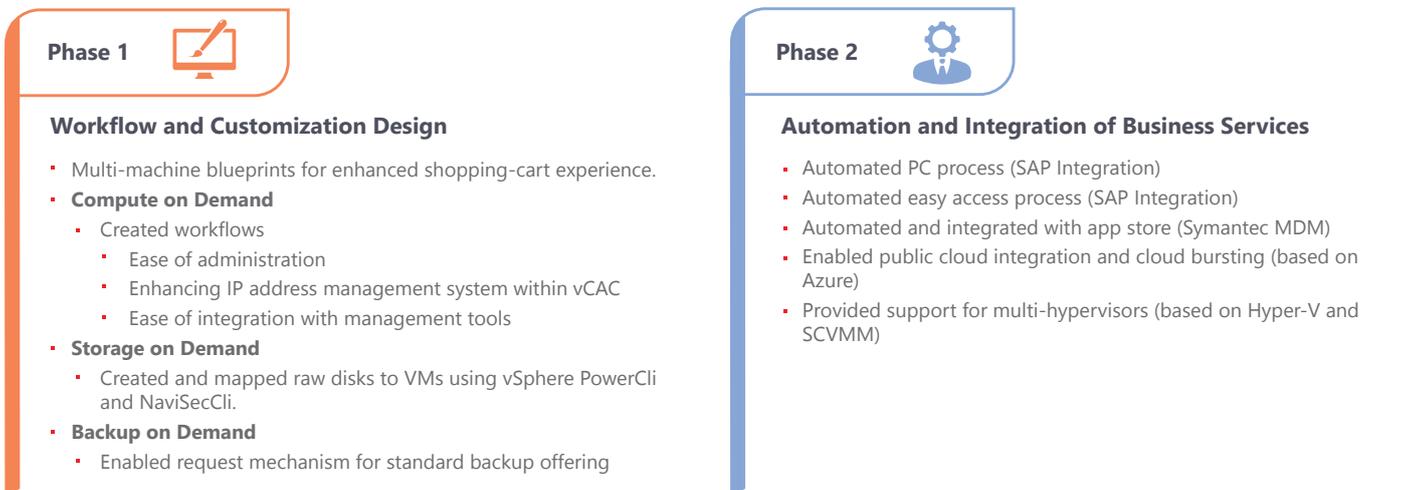


Figure 1: Solution Implementation Approach

## Outcomes

### ENHANCED USER EXPERIENCE AND AGILITY

Our solution enabled the client to transform its datacenter by facilitating self-service and governance through private

cloud, while reducing costs and increasing availability. The client benefits included



- Reduced provisioning time for servers/storage from 2 weeks to 2 days
- Maximized IT process agility



- Users were able to directly access and create requests using the self-service catalogue-based system

#### About Microland

Microland is a leading Hybrid IT Infrastructure Service Provider and a trusted partner to enterprises in their IT-as-a-Service journey. Incorporated in 1989 and headquartered in Bangalore, India, Microland has more than 3,200 professionals across its offices in Europe, Middle East, North America and India. Microland enables global enterprises to become more agile and innovative through a comprehensive portfolio of services that addresses hybrid IT transformation, workspace transformation, service transformation and end-to-end IT infrastructure management.

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