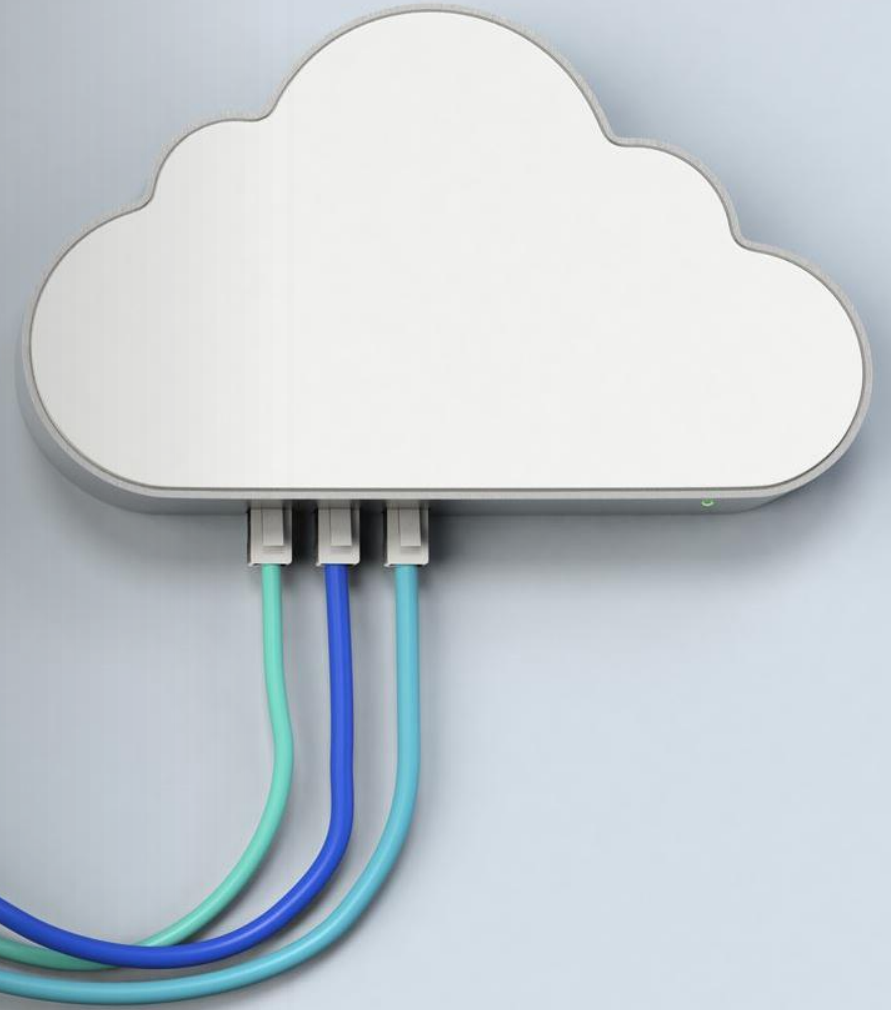


Case Study:

SUCCESSFUL MIGRATION OF
WORKLOADS TO AZURE CLOUD



Olin Corporation USA



Client Overview

Chemical Manufacturing Leader

USA headquartered Olin Corporation is recognized as a leader in chemical manufacturing, providing innovative solutions across multiple industries. Olin was founded in 1892 and has 7,300 Employees working globally.

Diverse Industry Solutions

The company serves various sectors, including defense and agriculture, showcasing its versatile product offerings and expertise.

Cloud Migration Strategy

Olin Corporation aims to enhance operational efficiency and scalability through strategic cloud migration to modernize its operations.



Business Need

Modernizing IT Infrastructure

- ❖ Olin Corporation wanted to modernize its IT infrastructure by migrating workloads to the cloud, enhancing efficiency.

Improving Agility

- ❖ The migration aimed to improve business agility, allowing for quicker responses to market changes.

Reducing Operational Costs

- ❖ Transitioning to the cloud was expected to significantly reduce operational costs compared to on-premise systems.

Scalability on Demand

- ❖ Olin wanted to consume the cloud features for capacity to scale resources on demand, meeting changing business needs effectively.

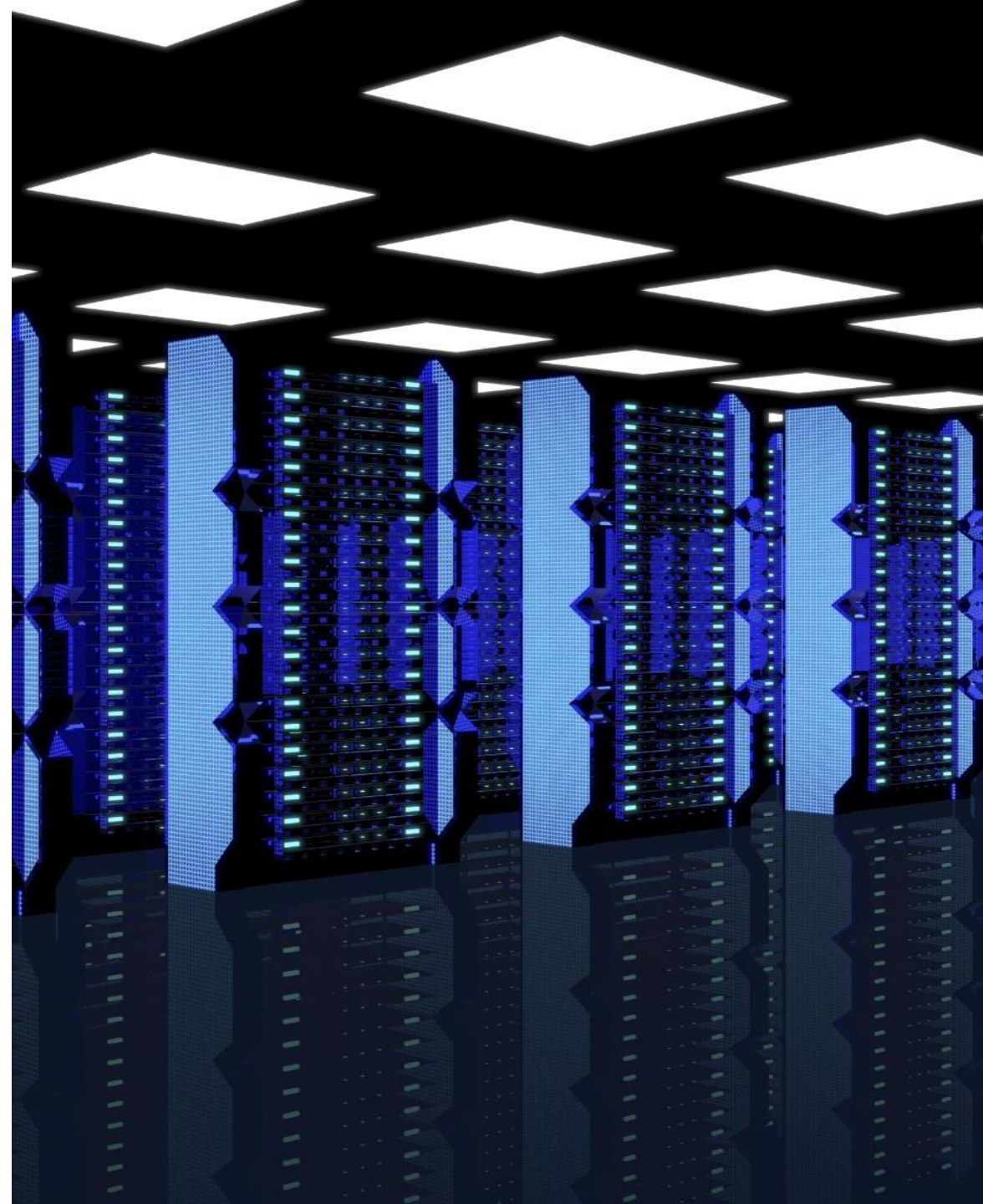
Migration Workloads

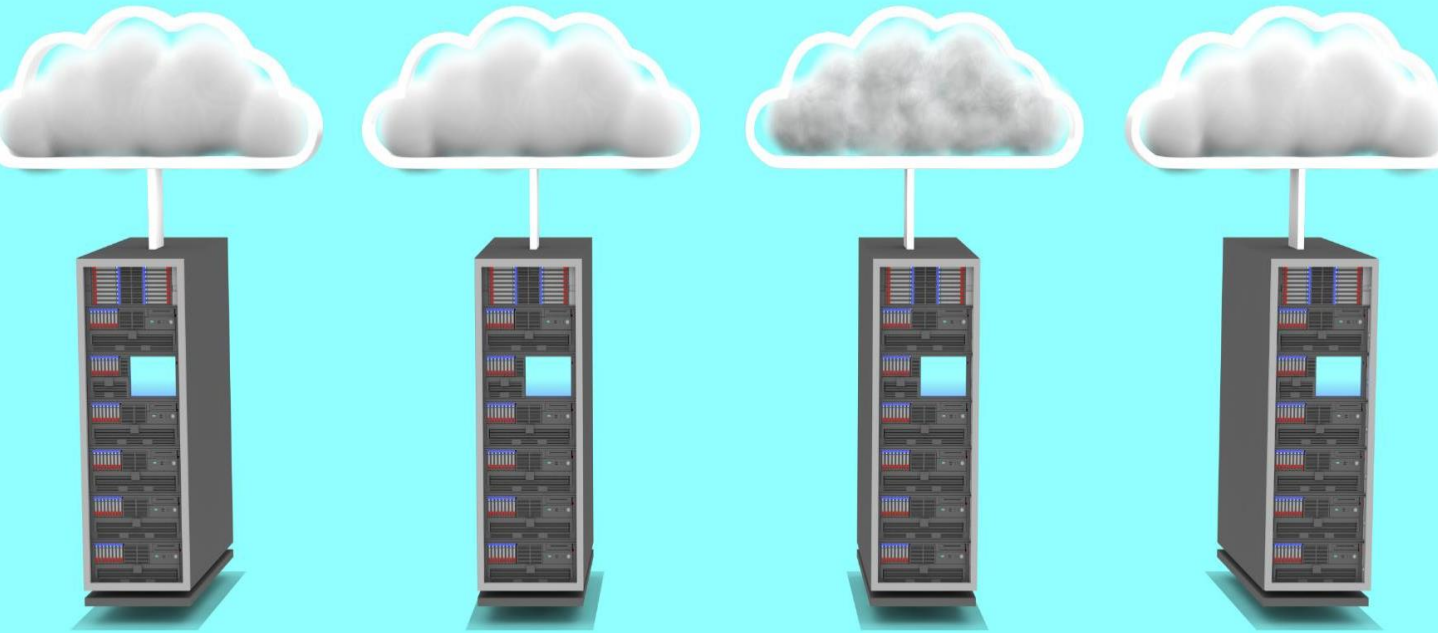
Olin chose HCLTech as a Strategic Partner to help Olin accelerate the Cloud migration journey.

Applications	Servers	Databases
147	967	359

HANA DB	Sybase	SQL DB
114	45	190

Oracle	PostGres	Mongo DB
6	2	2





Project Summary

Migration Overview

- ❑ The project focused on migrating a total of 147 Applications, 967 Servers, and 359 Databases.

Strategic Cloud Partner

- ❑ HCLTech was selected as a Strategic Cloud Partner to help Olin accelerate the Cloud Migration Journey.

Tools Utilized

- ❑ Key tools utilized in the migration included Azure Migrate, Azure DevOps, Terraform, and PowerShell for seamless execution.

Challenges Faced

Complexity of Existing Applications

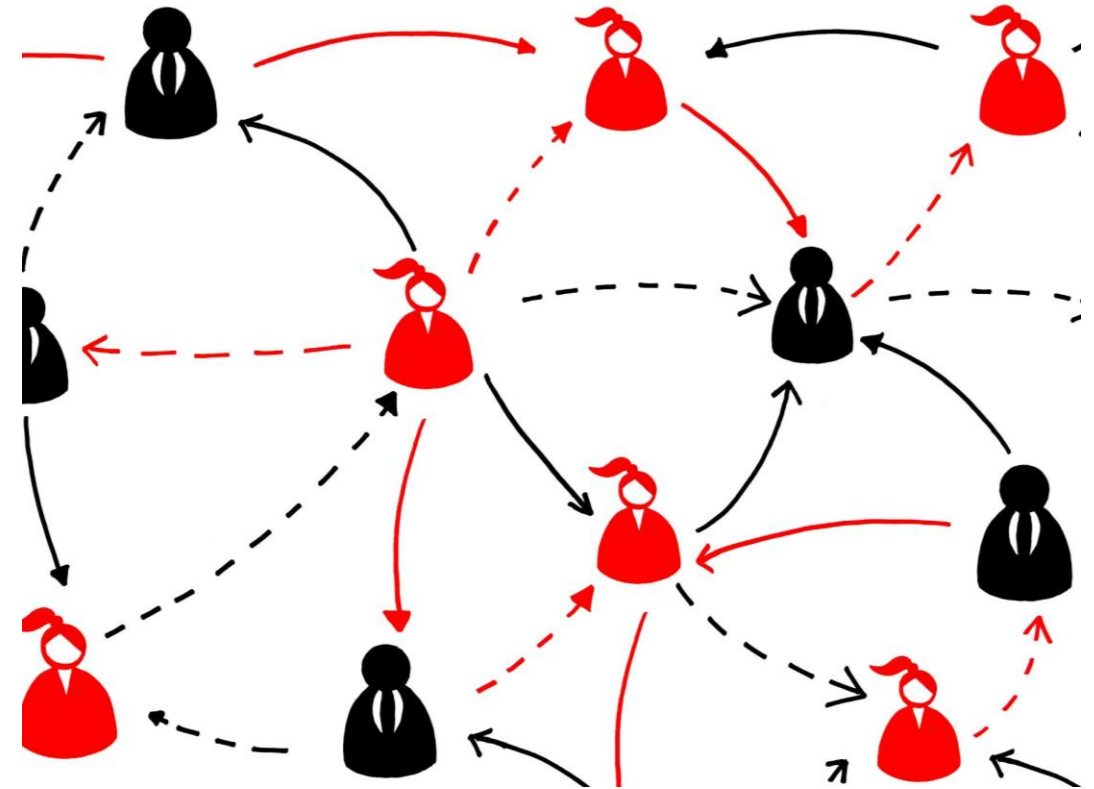
- Existing applications presented a significant challenge during migration due to their complexity and interdependencies, requiring thorough planning.

Data Integrity Concerns

- Ensuring data integrity during migration was crucial to prevent data loss or corruption, necessitating careful validation processes.

Minimizing Downtime

- Minimizing downtime was essential during migration to ensure business continuity, requiring effective strategies and tools.



Solutions Implemented



Azure Migrate

- Azure Migrate was used for thorough assessment and planning, enabling a smooth migration journey.

Automated Migration with Azure DevOps

- Azure DevOps facilitated continuous integration and delivery pipelines, enhancing deployment speed and reliability.

Infrastructure as Code

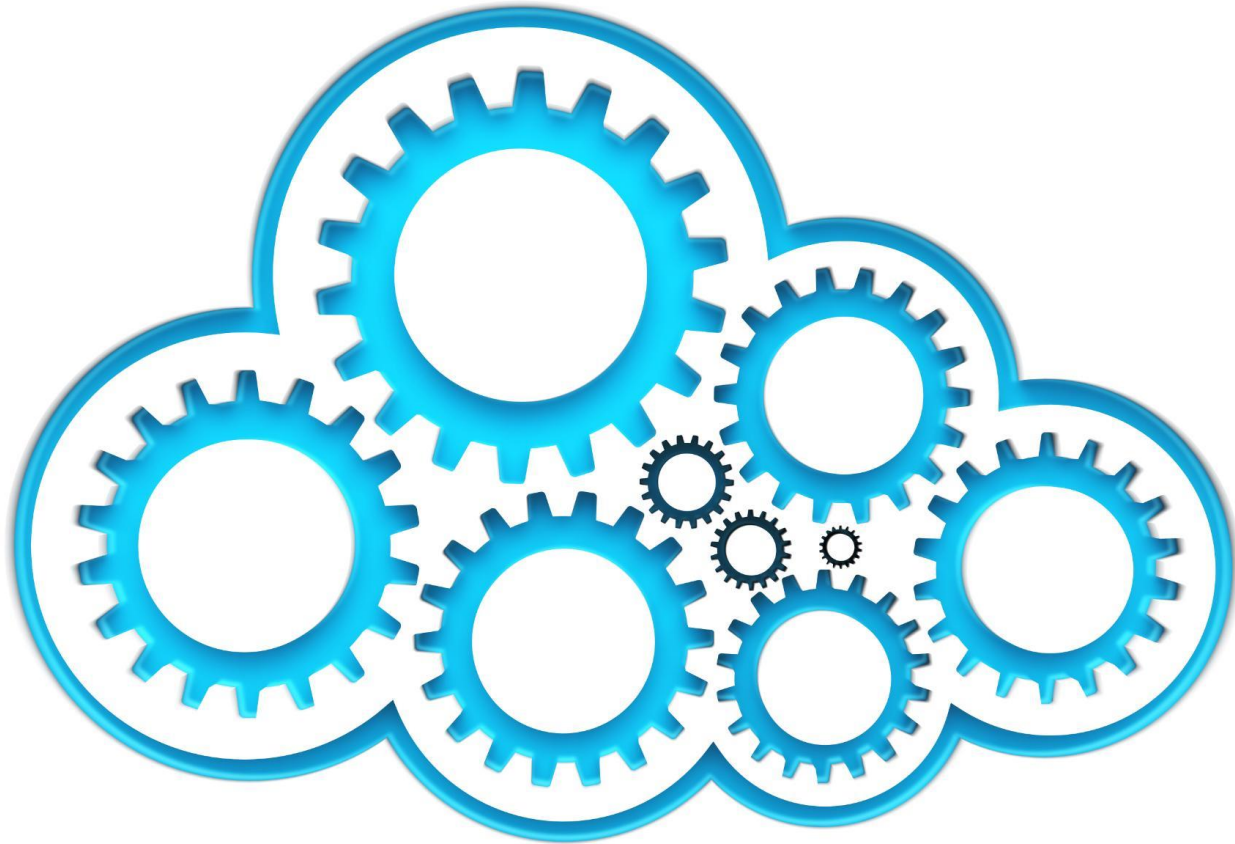
- Terraform was utilized for infrastructure as code, promoting consistency and repeatability in deployments.

Automation with PowerShell

- PowerShell was leveraged for some of automation tasks, for streamlined operations and improving efficiency across the board.

Using these tools and following agile program management, the project was delivered successfully on time.

Value Delivered



Cost Savings

- ✓ Migrating to Azure led to significant cost reductions for Olin Corporation, optimizing their IT expenditures.

Operational Efficiency

- ✓ The move to Azure improved operational efficiency, streamlined processes and enhanced performance across the organization.

Enhanced Scalability

- ✓ Azure cloud helped with enhanced scalability, allowing Olin Corporation to adjust resources as needed effectively.

Quicker Deployments

- ✓ The new cloud environment enabled quicker deployments, resulting in increased productivity and faster project completions.
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Impact Analysis



Reduced IT Overheads

The migration significantly decreased IT costs, enabling Olin Corporation to allocate resources more effectively.

Enhanced Security Protocols

Post-migration, enhanced security protocols have been implemented, safeguarding sensitive data and reducing vulnerability.

Improved Compliance

Olin Corporation has achieved improved compliance with industry regulations, ensuring adherence and minimizing risks.

Positioned for Innovation

With these improvements, Olin Corporation is now better positioned to innovate and respond to market demands swiftly.

People and Culture

Cloud Migration Success

Olin Corporation's successful migration to Azure demonstrated the potential of cloud computing for businesses seeking agility and efficiency.



Transition

The transition involved significant cultural changes within the organization, adapting to new technologies and processes.

Documentation, Training and Workshops

HCL facilitated documentation, training sessions and workshops, equipping staff with essential skills to manage the cloud environment.

Continuous Learning

A culture of continuous learning was fostered, encouraging employees to adapt and grow in their roles.