CASE STUDY – Luxury Travel Company

Migration To Azure

The problem

The infrastructure faced a critical challenge as the application was hosted on physical onsite servers, which lacked scalability, redundancy, and high availability. The server hardware was aging and increasingly prone to failure, necessitating replacement. The server operating system had reached end-of-life, introducing significant security vulnerabilities. Additionally, there was a notable skills gap in managing, maintaining, and administering the onsite servers effectively. The backup regime in place was unreliable, and there was an absence of a disaster recovery plan for the onsite servers. Moreover, the servers and services were inconsistently distributed across on-site and private cloud environments, resulting in unreliable interconnectivity. This situation underscored the urgent need for a comprehensive solution to address these multifaceted problems.

Our approach

Our approach to modernizing the digital infrastructure was twofold. Firstly, we undertook the migration and consolidation of all digital assets, including onsite and private cloud servers/services, into Azure. This strategic move enhanced efficiency and streamlined operations. Secondly, we meticulously managed the project stages and application migrations in collaboration with various third-party development teams and service providers. This included the decommissioning of redundant services and onsite server hardware.

In preparation for this transition, we conducted thorough planning and research of the existing environment, dependencies, and configurations. We aimed to identify all existing digital services and created a detailed migration plan for each, ensuring a smooth transition. The migration plan was executed with precision, moving all services to Azure, both from onsite and private cloud environments. We committed to a phased go-live implementation, providing robust troubleshooting support throughout the migration process to ensure a seamless transition and minimal disruption.

The Outcome

The successful implementation of our approach brought forth numerous benefits for our client. They experienced a significant reduction in the risk of data loss, alongside improved backup and disaster recovery capabilities. Their security posture was greatly enhanced, and they were able to remove the costs associated with hardware capital and management. The scalability, reliability, and availability of their services were vastly improved. Moreover, they enjoyed cost savings by leveraging scalable services on-demand. The consolidation of application servers and systems also led to reduced latency, optimizing the performance across their digital infrastructure.

KEY PRODUCTS USED

Design. Deploy. Manage.

- Azure Migrate – to migrate the on-site and private cloud workloads seamlessly to Azure
- Azure Virtual Machines – lift and shift of multiple application and databases servers into Azure
- Azure Backup
- Azure Network Watcher

COMMENTS FROM DUDOBI

"This was a highly complex migration involving several disparate systems, hosted onsite and in private cloud. There was a great deal of complexity involved in interacting with numerous 3rd party providers and development teams to successfully migrate a total of 5 servers into Azure cloud (including multiple databases servers), with no downtime or effect on the application or users."

Vito da Silva