



Improved business agility, application performance, and scalability by migrating to Microsoft Azure

Summary

Migration of workload from a private data center to Microsoft Azure for a real estate investment trust, in partnership with Trigent, enables their teams to match the speed and scale of the organization's business growth.

Technology Stack



About the client

The client, a real estate investment trust (REIT) headquartered in N.Y. is one of North America's publicly traded owners and operators of open-air, grocery-anchored shopping centers, and mixed-use assets. The company has specialized in shopping center acquisitions, development, and management for the last few decades.

Business challenge

Scalability & high availability of business applications

The client had a legacy solution that was the backbone of its business operations. The business-critical applications, including lease management systems used by sales, operations, and other departments, were run on a private data center. The legacy solution presented many security risks as well. Additionally, much of the maintenance activities were manual.

The client needed a solution/setup that would meet the projected growth in the business & users.

Trigent Solution

Seamless migration to Microsoft Azure Cloud

The client partnered with Trigent to augment their infrastructure. The Trigent team carried out a thorough assessment of the client's data center infrastructure to understand the applications, different operating systems, security considerations, and processor & memory utilization. Trigent designed new security models and cloud-native backup recovery processes. Trigent also assisted the client in designing an effective migration strategy that rehosted (lift-and-shift) most applications, with few carefully re-architected applications.

Considering business agility, cost optimization, and ease of maintenance, the team suggested the client move the workloads to the Azure cloud environment. The re-architected applications leveraged native features of Azure.

By leveraging Azure services for compute, storage, network & security along with using the Microsoft Cloud Adoption Framework for Azure, the client was able to accelerate the agility, governance, and cost benefits of their Azure investment.



Trigent effortlessly moved our business-critical workload to Microsoft

Azure, which significantly improved application performance and business agility.

Trigent cloud experts carried out a thorough assessment of client IT infrastructure, studied the environment, and prepared a detailed inventory list by considering the following factors:

- Existing hardware, including servers, load balancers, hard disks, etc.
- Operating systems and security levels
- Applications and their performance
- Storage utilization and configuration
- Backups and disaster recovery settings
- Secure access to servers

The tech stack included VM, Blob, Active Directory, CDN, IAM, Functions, Web Apps, SQL server, and applications developed in .NET, C#, and IIS were leveraged for the seamless migration to Microsoft Azure.

Client benefits

Migration to Microsoft Azure enabled the client to scale its services quickly and cost-effectively. By leveraging Azure services the client accelerated the agility, governance, and cost benefits of their Azure investment.

Other benefits include:

- Automated on-demand scalability to handle a spike in usage
- Frictionless customer experience with speedy data access
- Zero business downtime by leveraging Azure's guaranteed 99.9% uptime
- Reduced maintenance costs and total cost of ownership
- Rapid growth and expansion of client business
- Secured environment
- Business continuity with backup and disaster management

About Trigent

Trigent is an early pioneer in IT outsourcing and offshore software development business. We enable organizations to adopt digital processes and customer engagement models to achieve outstanding results and end-user experience. We help clients achieve this through enterprise-wide digital transformation, modernization, and optimization of their IT environment. Our decades of experience, deep domain knowledge, and technology expertise delivers transformational solutions to ISVs, enterprises, and SMBs. We offer end to end consulting services, design, development and managed services across Infrastructure, Cloud, Mobility, BI, Analytics, Product Engineering, QA & Testing, IoT, Big Data, and Artificial Intelligence.