



Improved business agility, application performance, and scalability by migrating to 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.

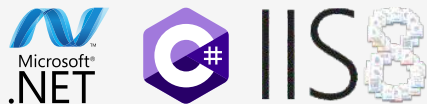
Technology used

Azure Cloud:



VM, Blob, Active Directory, CDN, IAM, Functions, Web Apps

Programming:



Database:



A real estate investment trust (REIT)

Our client, a real estate investment trust (REIT) headquartered in N.Y. is one of North America's largest publicly traded owners and operators of open-air, grocery-anchored shopping centers, and mixed-use assets. The company owns over 400 shopping centers and mixed-use assets comprising 70 million square feet of gross leasable space primarily concentrated in USA's top major metropolitan markets. The company has specialized in shopping center acquisitions, development, and management for more than 60 years.

Scalability & high availability of business applications

The client had a legacy solution that was the backbone of its core 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 existing setup was unable to meet the projected growth in the business & users.

The legacy solution presented many security risks as it was using outdated protocols and operational only with many ports open through the firewall. Much of the maintenance activities were manual.

On-time and on-budget seamless migration to Microsoft Azure Cloud

Trigent 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 also designed new security models and cloud-native backup recovery processes. We designed 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, we suggested the client move the workloads to the Azure cloud environment. The re-architected applications leveraged native features of Azure.



Assess

- Infrastructure
- Applications
- Current Business needs
- Future Goals



Plan

- Migration Strategy
- Project management and program governance
- Environment
- Migration Plan



Migrate

- Infrastructure Setup
- Applications Setup
- Data synchronization
- Validation against success criteria
- Fluid migration to Trigent's managed services

“Trigent effortlessly moved our business-critical workload to Azure, which significantly improved application performance and business agility. The Azure cloud environment ensures better application scalability and security, along with ease-of-maintenance.”



Scalability & Performance

Improved business agility and the ability to handle increased users



Peace of Mind Guaranteed

Ease-of-Maintenance with minimal focus on infrastructure



Security

Built-in security services helped identify rapidly evolving threats

By leveraging Azure services for compute, storage, network & security along with using the Microsoft Cloud Adoption Framework for Azure, they have accelerated the agility, governance, and cost benefits of their Azure investment.

Trigent cloud experts carried out a thorough assessment of client infrastructure, studied the environment, and prepare 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

Client Benefits

By migrating its business-critical applications to Microsoft Azure, they can now provision and scale services quickly and cost-effectively. By leveraging Azure services for compute, storage, network & security along with using the Microsoft Cloud Adoption Framework for Azure, the client accelerated the agility, governance, and cost benefits of their Azure investment.

- Automated on-demand scalability to handle a spike in usage
- Enable 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
- Support rapid growth and expansion of client business
- Created a more secured environment
- Ensured 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.