

P3 Data Systems Migrates Citrix Virtual Apps and Virtual Desktops to AWS for Maximized Availability and Scalability

Introduction

P3 Data Systems provides multiple data-interactive solutions to its customers. The company's Citrix Virtual Apps and Desktops were hosted on an on-premises data center. This environment did not have essential elements like scalability, reliability, security, availability, and robustness in the platform.

Axiom's team migrated the customer's Citrix application servers and the Active Directory to AWS cloud.

Challenges

Availability Issues

The client initially had their Citrix Virtual Apps and Virtual Desktops hosted in a single data center and hence would sometimes face downtime issues.

Scalability Issues

The client had been unable to scale quickly with the on-premises environment.

Centralized Management

The client wanted to manage users and applications from a single dashboard.



About P3 Data Systems

P3 Data Systems is a US-based company with about 150 employees. It specializes in financial reporting, business process automation and optimization, data analytics and distributed ledger technology (Blockchain).

Its flagship products are XML Edge, a single-source platform that structures content and a Central Offices Suite platform that manages users, roles, and accesses of office applications with the single sign-on feature.

Why Axiom?

Axiom, being an AWS Advanced Consulting Partner and a Microsoft Azure and Citrix partner, has been providing cloud migration solutions to small and mid-sized businesses for more than 8 years.

With over 15+ enterprises and 50,000+ servers' migration to the Cloud, Axiom has a proven approach to harnessing the power of the Cloud — a 5-step cloud migration process that includes assessing, designing, planning, migrating and managing the client's environment.

The Solution

Axiom migrated the client's Citrix workloads to AWS cloud.

- AWS CloudEndure has been used to migrate their on-premises Active Directory, Citrix App Servers and Federation Authentication Service (FAS) to AWS cloud.
- The architecture has been re-designed in such a way that Citrix's AppServers are deployed in multiple zones.
- All the Citrix components are hosted on Citrix Cloud.
- Okta has been used to manage users with a single platform.

Benefits

The client's environment being migrated to AWS is now easily scalable, has maximum uptime and is highly secure. The client has -

- Saved costs by replacing physical hardware with license fees, with AWS you pay only what you use
- Enhanced monitoring and alerting capabilities with AWS CloudWatch configured.
- Increased security posture with CIS benchmarks and AWS security best practices implemented.