

Global Manufacturing Migration Case Study



Positronic

About Positronic

Positronic is a manufacturing headquartered in Springfield, MO with manufacturing plants and offices globally. Positronic supplies electronic connectors that are utilized in a variety of industries worldwide including military, aerospace, telecommunications, and medical, among others. In their line of work, providing connectors for critical services, failure is not an option. Picking a Cloud was no different – they required one with global reach that could support mission critical workloads.

The Challenge

To make the business case for AWS the company's IT had to focus on price, reliability, global scalability and ensuring near-zero down-time would incur during the migration. The solution must of accommodated their ERP workloads, VDI infrastructure, and various business critical applications. Further – various regulatory compliance required Disaster Recovery site that could recover entire operations within a couple hours in another geography.

The Solution

Positronic was able to reduce total cost of ownership saving them \$925,000 over three years by moving to AWS from Private Cloud with nearly no interruptions. Positronic increased performance and scalability by designing resources to scale to meet demand when required. Balancing resources across Availability Zones and building resources to automatically heal, improvised improved availability and durability.

The Benefits

Benefit 1: High Availability

Leveraging the platform capabilities to allow infrastructure to self-heal providing high availability.

Benefit 2: Increased Resiliency

Replacing fixed infrastructure in a single data center with infrastructure split across multiple AZs.

Benefit 3: Global Scalability

Scaling the infrastructure automatically to meet the global employee virtual desktop demand.

About APN Partner and Amazon Web Services

Eplexity is an AWS Advanced Plus partner offering both consulting and managed cloud services. Our CXOS solution enables customers to migrate faster and more effectively.

Positronic decided on AWS for as their cloud solution based on AWS' reliability, cost savings, and scalability. Additionally, AWS was able to meet their regulatory compliance requirement for disaster recovery.

Next Steps

To learn more about how AWS and Eplexity can help your business, visit <https://eplexity.com>