Clearscale

A Secure, Compliant Landing Zone for SaaS Growth

Clearscale helped a SaaS provider migrate to AWS, building a foundation for resilience, governance, and future innovation.

Client Profile

Industry Software and Internet

Technology Migration and Modernization SaaS

AWS Digital Customer Experience Competencylear

Overview

A SaaS company needed to leave behind its legacy data center and fully adopt the cloud. Clearscale implemented a secure AWS Landing Zone, migrated workloads, and established modern governance and networking. The result was a resilient cloud-native foundation with stronger compliance, scalability, and operational efficiency.

Meet Our Hero:

This SaaS provider delivers technology solutions for its customers but was constrained by on-premise infrastructure. Managing environments was becoming increasingly complex, and the limitations of its existing setup created friction for development teams and hindered scalability.

To continue supporting customers and prepare for future growth, the company recognized the need to migrate its entire platform to AWS and establish a secure, well-architected environment that could serve as a foundation for innovation.

The Goal

- Fully migrate the SaaS platform to the cloud
- Establish a secure, compliant AWS Landing Zone
- Implement scalable, cloud-native architecture and governance
- Build advanced networking for resilience
- Lay the groundwork for automation and innovation

The Challenge

Challenge 01

Reliance on legacy on-premise infrastructure created operational bottlenecks

Challenge 02

Lack of a scalable, cloud-native architecture limited growth

Challenge 03

Governance was inconsistent, creating compliance challenges

Challenge 04

Networking lacked resiliency and modern design patterns

Challenge 05

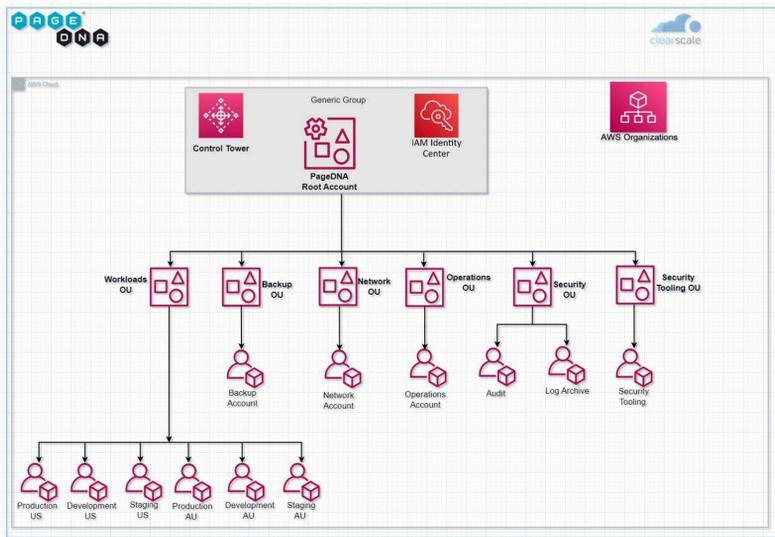Manual processes slowed down innovation

The Solution

Clearscale delivered a comprehensive migration and modernization strategy using AWS.

Step 01: AWS Landing Zone Implementation

- Configured AWS Control Tower and Organizations for governance
- Established a secure, multi-account structure aligned to best practices

Step 02: Advanced Multi-Region Networking

- Designed networking with AWS Transit Gateway for resilient connectivity
- Implemented public and private subnets across Availability Zones
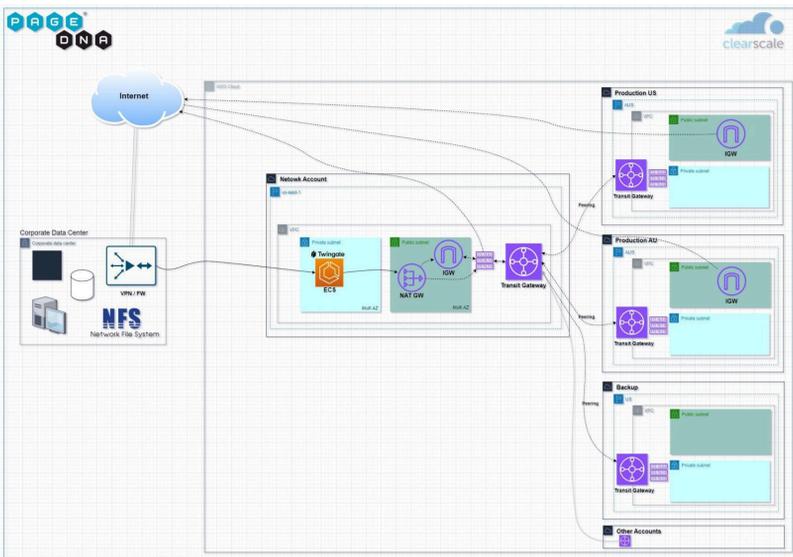
Step 03: Server Migration

- Applied AWS Application Migration Service (MGN) to rehost workloads on Amazon EC2
- Migrated servers from the data center with minimal disruption

Step 04: Database and Environment Preparation

- Migrated databases to Amazon RDS for improved reliability
- Hardened environments with security guardrails and compliance controls

Step 05: Foundation for Automation

- Built frameworks for future scaling, automation, and disaster recovery
- Delivered documentation and training to ensure smooth adoption

Step 05: Collaboration and Phased Rollout

- Partnered closely with client stakeholders
- Executed the migration in phases to reduce risk and minimize downtime

The Impact

Fully cloud-native operating model, eliminating reliance on a data center

Improved security and compliance with AWS Landing Zone governance

Resilient multi-region networking supporting business continuity

Modernized databases and workloads, boosting reliability

Positioned for innovation, with automation frameworks and scalability built in

Turn Cloud Chaos Into Clear Results On AWS

Clearscale helps organizations break free from cloud chaos and experience clear results on AWS. If you're ready to modernize for growth, let's talk.

Talk to an Engineer