



Case Study

Building a Migration Factory for Speed and Consistency

Clearscale created a structured AWS framework that reduced duplication, strengthened compliance, and enabled future migrations at scale.

Client Profile



Industry

Content Management



Technology

Migration and Modernization

SaaS

Overview

A global technology enterprise needed to accelerate cloud adoption but struggled with ad hoc processes that slowed progress and created risk. Clearscale built a Migration Factory model on AWS that standardized planning, automation, and governance. The new framework provided reusable patterns, stronger consistency, and faster timelines for large-scale migration.

Meet Our Hero:

This software provider delivers enterprise-scale content management solutions. As customer demand grew, its migration efforts became more complex, with teams often duplicating effort and implementing inconsistent solutions.

The company needed a standardized approach that could simplify planning, automate execution, and ensure observability. Without a repeatable process, migration timelines stretched, and operational risks increased.

The Goal

- Establish a repeatable “Migration Factory” model
- Create reusable patterns and templates to reduce duplication
- Enforce best practices and strengthen governance
- Ensure consistency, quality, and observability
- Accelerate timelines for large-scale migrations

The Problem

Problem 01

Lack of a standardized migration process across teams

Problem 02

Inconsistent implementations created duplication and errors

Problem 03

Complex dependencies made migrations difficult to manage

Problem 04

Data migration challenges slowed progress

Problem 05

Observability gaps reduced confidence in outcomes





The Solution

Clearscale delivered a comprehensive Migration Factory framework on AWS.

Step 01: Discovery and Planning

- Developed a workshop template to guide discovery
- Created structured planning using an Azure DevOps backlog

Step 02: Reusable Framework

- Designed a Migration Workbench model to standardize execution
- Built Terraform-based Infrastructure-as-Code templates for repeatable deployments

Step 03: Application and Data Modernization

- Refactored applications to leverage AWS-native services
- Migrated data from CosmosDB to DynamoDB for scalability and performance

Step 04: Automation and CI/CD

- Implemented CI/CD pipelines to streamline delivery
- Automated governance with reusable patterns and controls

Step 05: Observability and Handover

- Integrated observability with DataDog for monitoring and visibility
- Delivered runbooks, dashboards, and cutover plans for operational readiness

The Impact

Standardized migration model, replacing ad hoc processes

Accelerated timelines, with reusable frameworks and automation

Improved quality and governance, enforced through best practices

Greater visibility, with observability tools embedded in the framework

Scalable approach, supporting future migrations at enterprise scale

Turn Cloud Chaos Into Clear Results On AWS

Clearscale helps technology enterprises break free from cloud chaos and experience clear results on AWS. If your migration efforts are slowed down by inconsistent processes, let's talk.

[Talk to an Engineer](#)

