



CASE STUDY

MS AZURE ECOSYSTEM OVERHAUL FOR ONE OF THE BIG 4 AUDIT FIRMS USING INFRASTRUCTURE-AS-CODE

Enabled faster adoption of Azure cloud across business systems

Client Background

Our customer is one of the big audit firms providing a wide scope of professional services to their clients. The customer had a CRM application running on Kubernetes on-premise. Their processes were manual, time-consuming, leading to inconsistencies. Automation of their environment was a need for the client. The objectives of the client included:

- Reduce time to adopt and deploy Microsoft Azure Cloud across business systems
- Ensure visibility, consistency, and uniformity across the Microsoft Azure ecosystem while achieving the speed of deployment for the Azure infrastructure.

Xoriant Solution | Key Contributions

The client partnered with Xoriant considering our longstanding technology partnership with Microsoft, strong domain knowledge, and expertise. Our key contributions include:

- Building parameterized Terraform templates to deploy Azure and AKS infrastructure and monitoring for the Azure ecosystem to ensure reusability.
- Building parameterized reusable Terraform templates to deploy Azure security policy via Azure DevOps and replicated Jenkins for on-premise.
- Building PowerShell scripts (Windows) and Ansible playbooks (Linux) to orchestrate the hardening of systems on Azure VMs deployed through Azure DevOps.

KEY BENEFITS

- Enabled quicker adoption of Azure Cloud in the client's business environment.
- Achieved consistency in infrastructure deployments.
- Achieved easier management of the environment with flexibility in deployment and changes to the services.

Client Testimonial



Xoriant team was at the forefront of enabling quicker adoption of Azure Cloud in our business environment. With their expertise in Azure best practices, we now have complete visibility, consistency, and uniformity across our Microsoft Azure ecosystem.



Technology Stack

**Azure Network (VNET) | Azure Storage | Azure VMs | AKS | MS Azure DevOps | Terraform
Jenkins | Ansible | PowerShell**



Xoriant is a product engineering, software development and technology services company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our eight global delivery centers with over 4000 software professionals. Xoriant has deep client relationships spanning over 30 years with various clients ranging from startups to Fortune 100 companies.