



CASE STUDY

CLOUD MIGRATION OF HOSTED COMPLIANCE SOLUTION THROUGH PARTIAL REFACTORIZING

Migrated applications and data from Windstream to Azure to improve scalability and operational efficiencies across the food supply chain

Client Background

Our client is a leading innovator of food safety and quality assurance (FSQA) management solutions; its FSQA Operating System delivers the critical tools, program visibility and data intelligence needed to more effectively manage and continuously improve food safety and quality. The company faced architectural, performance and scalability problems with its multi-tenant legacy application. To address these challenges, the company needed to implement the equivalent of on-premises procedures – such as backups, security checks and patches through configuration-level change.

Xoriant Solution

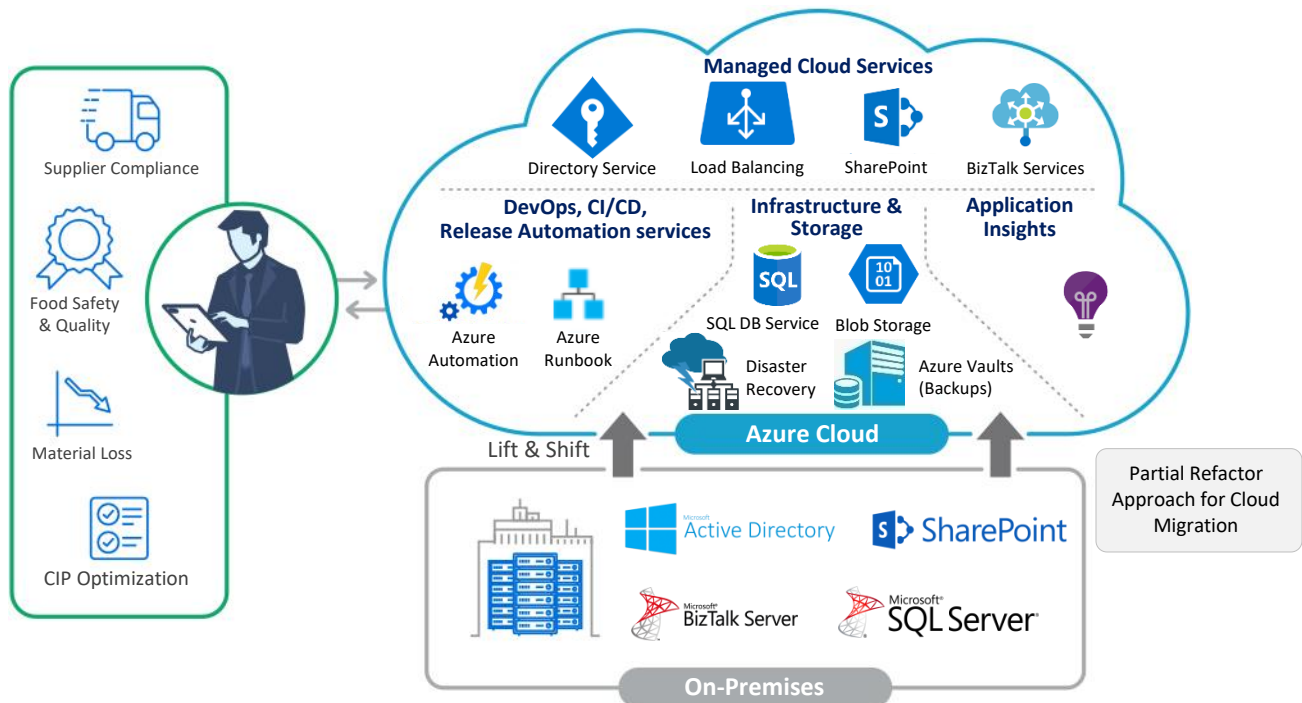
- Re-architected the application for the cloud and migrated the components and data from Windstream (hosted solution) to Azure (cloud) to maximize scalability
- Re-designed workflows to benefit from Azure Cloud Services such as Azure Storage, Cloud services, CDN, Azure SQL etc.
- Performed Web and App Services VM migration by Lift and Shift
- Utilized Azure SQL Migrate to migrate from SQL 2008 to new version
- Used Azure Biztalk services and Azure Blob storage, instead of a Biztalk server installed on VM, to reduce licensing costs
- Set up SendGrid email server, instead of a dedicated IceWarp email server, for cost optimization
- Handled Build management and Release management using Azure DevOps

KEY BENEFITS

- Reduced licensing and infrastructure costs by 50% and improved scalability
- Achieved 80% growth in recurring revenue in last 12 months
- Improved operational efficiencies across the food supply chain by 25%
- Increased client's reach and customer base by 20%
- Gained 2X customer satisfaction with reduced downtime
- Enabled easier backup and archiving with DR support
- Reduced production downtime by identifying bottlenecks using Azure's built-in monitoring tools



High Level Architecture



Technology Transformation



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