

## Infra & Database Migration to Azure

The Brio played a key role in designing and facilitating the migration of customer's business-critical infrastructure and database from an AWS infrastructure to Microsoft Azure.

### The Problem Statement

PiLog had its infrastructure on AWS, leveraging EC2 for virtual machines and RDS for databases. The .NET Retail Solution ran on Windows Server 2019 with Microsoft SQL 2019 Web Edition, while the Legacy HRMS Solution operated on RHEL Server, utilizing PHP 8.0 with Symphony and MySQL 8.0. PiLog encountered challenges with AWS compatibility between Microsoft-based databases and Windows Server in the AWS environment. They also faced hurdles in planning for future growth with respect to the current architecture design, necessitating a migration to Microsoft Azure with re-architecting of their infrastructure for scalability and alignment with expansion plans.

### The Solution

The proposed solution involved configuring the Azure landing zone and migrating AWS EC2 workloads, including business analysis and HRMS applications, to Azure. Also migration of the MSSQL 2019 Web Edition and MYSQL 8.0 databases to Azure services. PiLog's team handled tasks related to database query performance tuning, addressing application-related issues, and followed a migration approach that replicated the existing infrastructure. The infrastructure and the database along with the hosted application were re-architected to match evolving business expansion and were migrated to Microsoft Azure.

### The Result

The project achieved success, leaving the client highly satisfied with the outcomes. They reaped multiple advantages, such as better business continuity and uptime, improved performance of applications and databases, resource & cost optimization, and the upscaling of their IT infrastructure.



**About Customer:** PiLog, founded in 1996, specializes in Master Data Quality Solutions, focusing on Supply Chain, Enterprise, and Asset Lifecycle Management. Their suite covers data quality services across industries, emphasizing Data Harmonization, Normalization, Classification, Quality, Transformation, Migration, and Visualization. Recognized by Gartner and InfoTech, PiLog is a leading provider in this field.

**Industry:** IT Services and IT Consulting

**Primary Location:** Hyderabad, India



**About Brio:** Brio Technologies Private Limited Brio is a Microsoft Solution Partner with multiple solution designation and a Direct CSP. Brio is a cloud consulting company focused on IT automation and bringing about digital transformation for businesses with over a decade's expertise.

