

## CASE STUDY

# Manufacturing Giant Saves \$1.5 Million Annually Through AI-driven Automated Azure Modernization

## Overview

A leading enterprise in the manufacturing sector sought to modernize its core infrastructure hosted across VMware and Hyper-V environments, comprising over 700 physical and virtual servers, as well as multiple database platforms. Tech Mahindra, in collaboration with Intel, Microsoft, and Altra, implemented the Dr Migrate solution within the Cloud BlazeTech framework to automate environment discovery, accelerate Azure readiness assessment, and optimize costs.

In just three weeks, the team delivered a comprehensive environment analysis, a clear end-of-life strategy, and a robust business case for modernization, resulting in faster transformation and measurable cost efficiencies.

## Client Background and Challenge

The client operates a large-scale IT infrastructure with mixed workloads across on-prem and hybrid environments. Over time, the use of multiple database platforms, non-standardized configurations, and legacy operating systems has led to increased complexity and operational risk. The organization's key objectives were to:

- Gain complete visibility into its application and infrastructure ecosystem.
- Identify out-of-support systems and prioritize modernization actions.
- Build a clear, cost-optimized roadmap for Azure migration.
- Rationalize IT tools and enhance governance across business units.

A data-driven, automated assessment was essential to address these priorities without impacting ongoing operations.

## Our Approach and Solution

We implemented **Intel AI-powered Dr Migrate** within the **Cloud BlazeTech Framework**, leveraging automation and AI-driven analytics to fast-track the Azure assessment phase.

### Key solution capabilities:

#### Automated Discovery & Analysis

AI- and ML-based scanning gathered millions of data points across applications, servers, and databases.

#### Gap & Risk Identification

Infrastructure mapping exposed dependencies and end-of-life risks with precision.

#### Intelligent Modernization Paths

Automated R-Lane mapping defined treatment options tailored to business needs.

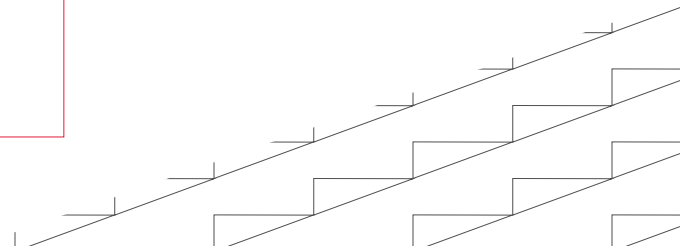
#### Future-State Cost Modeling

Built-in Intel benchmarking enabled accurate comparisons of datacenter-to-cloud costs.

#### Executive Insights

Interactive dashboards aligned to governance and compliance frameworks streamlined reporting and decision-making.

The assessment was completed in **three weeks**, saving over **two months** of manual effort and accelerating the client's Azure readiness journey.



## Business and Community Impact

The engagement provided measurable improvements across the client's digital ecosystem, including:



### Accelerated Delivery

Completed a full-scale infrastructure and application assessment 2+ months faster through automation and analytics.



### Cost Efficiency

Delivered \$1.5 million in annual operational savings through optimization and modernization.



### Risk Mitigation

Reduced end-of-life landscape exposure by 20%, enhancing operational stability.



### Strategic Clarity

Enabled data-backed, executable Azure migration plans with transparent TCO projections.



### Governance

Strengthened decision-making with executive dashboards that linked technology modernization to business outcomes.

Through this engagement, the enterprise achieved a scalable, cost-efficient, and future-ready foundation enabling faster transformation and long-term value realization from its Azure investments.



## About Tech Mahindra

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