

VMware Modernization, Guided by Agentic AI

Assess VMware options with greater clarity, reduce execution risk, and build a modernization path that fits each workload.



Many enterprises are reassessing VMware as licensing changes, cost pressure, and evolving cloud strategies force a more rigorous review of where workloads should run and how they should be modernized.



Why VMware modernization decisions feel harder than ever.

Most enterprises do not operate a single, uniform VMware estate. They manage large portfolios of workloads with different business criticalities, performance requirements, technical dependencies, and readiness for change.

Common challenges include:

- Hundreds or thousands of tightly coupled workloads with hidden dependencies
- Limited visibility across the estate to sequence change safely
- Unclear financial return across different modernization paths
- Pressure to reduce costs and move quickly without disrupting core operations

Enterprises recognize the urgency of modernization, but they are overwhelmed. There are many possible modernization paths, each with different implications for cost, effort, operational risk, compliance, security, skills, and long-term platform strategy. What is the best way forward?

There is no single “right” path

The real question is how to choose the right path for each workload and execute it in a controlled way.

The decision goes beyond standard migration categories such as retain, relocate, replace, or transform. It is more granular: which workloads should move, which should stay, which need refactoring, and which target platform makes operational and financial sense.

That requires a workload-by-workload view of dependencies, operational constraints, business priorities, and future platform requirements. Without that level of analysis, modernization programs can create avoidable cost, delay, and risk.





Amdocs Approach: Consultative & Agentic AI decision led VMware modernization

Amdocs has supported large enterprises through complex VMware modernization programs helping them assess options, define the right strategy, and execute change in manageable phases.

We start with the decision model. Using agentic AI-assisted analysis, we help enterprises assess workloads, dependencies, operational constraints, and cost trade-offs so modernization plans are based on evidence rather than assumptions.

This enables organizations to determine the most appropriate path for each workload, application, process, and service — and to move forward in phased, lower-risk increments.

Amdocs VMware modernization

Amdocs methodology comprises three key phases:



With Amdocs' approach and tooling, enterprises achieve:

AI readiness by design
Prepare platforms and applications
for cloud and AI driven initiatives

Architectural flexibility
Support hybrid, multi cloud,
and future platforms without
vendor lock in



Success Stories - Proven experience at enterprise scale

Tier-1 Telco-North America

A Tier 1 North American telco was facing VM sprawl, rising operational costs, and limited scalability driven by monolithic application environments running on VMware. Amdocs refactored and replatformed these workloads to Kubernetes based platforms, enabling a more flexible multi cloud ready architecture while simplifying operations.

As a result, the organization decommissioned approximately 500 virtual machines, achieved significant OPEX reduction, and enabled faster release cycles with elastic scalability.

Leading Financial Institution – APAC

A large financial institution in APAC needed to reduce rising data center costs while accelerating its timeline to exit on premises infrastructure. Amdocs relocated its VMware estate to a cloud hosted private cloud with automated operations, improving resilience while maintaining strict regulatory controls.

The modernization reduced infrastructure costs, enabled multi region resilience, and significantly accelerated the organization's data center exit plan.

Explore your VMware modernization options?

Talk to an Amdocs expert about evaluating and modernizing your VMware environment.

Contact cloud@amdocs.com



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