

Industrialize migration and modernization with Amdocs AI modernization agents



From migration efforts to a modernization engine

Move faster, reduce risk, and unlock cloud value

You have already migrated workloads to the cloud. Yet many enterprises, like you, still struggle with outcomes: rising costs, missed timelines, inconsistent execution, and environments that need fixing after the fact. Migration gets workloads onto cloud infrastructure, but it doesn't automatically deliver the agility and efficiency businesses expect.

Within migration programs application modernization is often deferred to a later phase. For many reasons. Even with the best intentions, budgets shift, priorities change, and applications remain unoptimized creating a new layer of technical debt, now running at cloud cost.

The issue isn't with the cloud per se. It's because, too often, **migration and modernization are treated as separate efforts.**



Modernization should be part of migration, not a separate cloud task deferred to phase two.

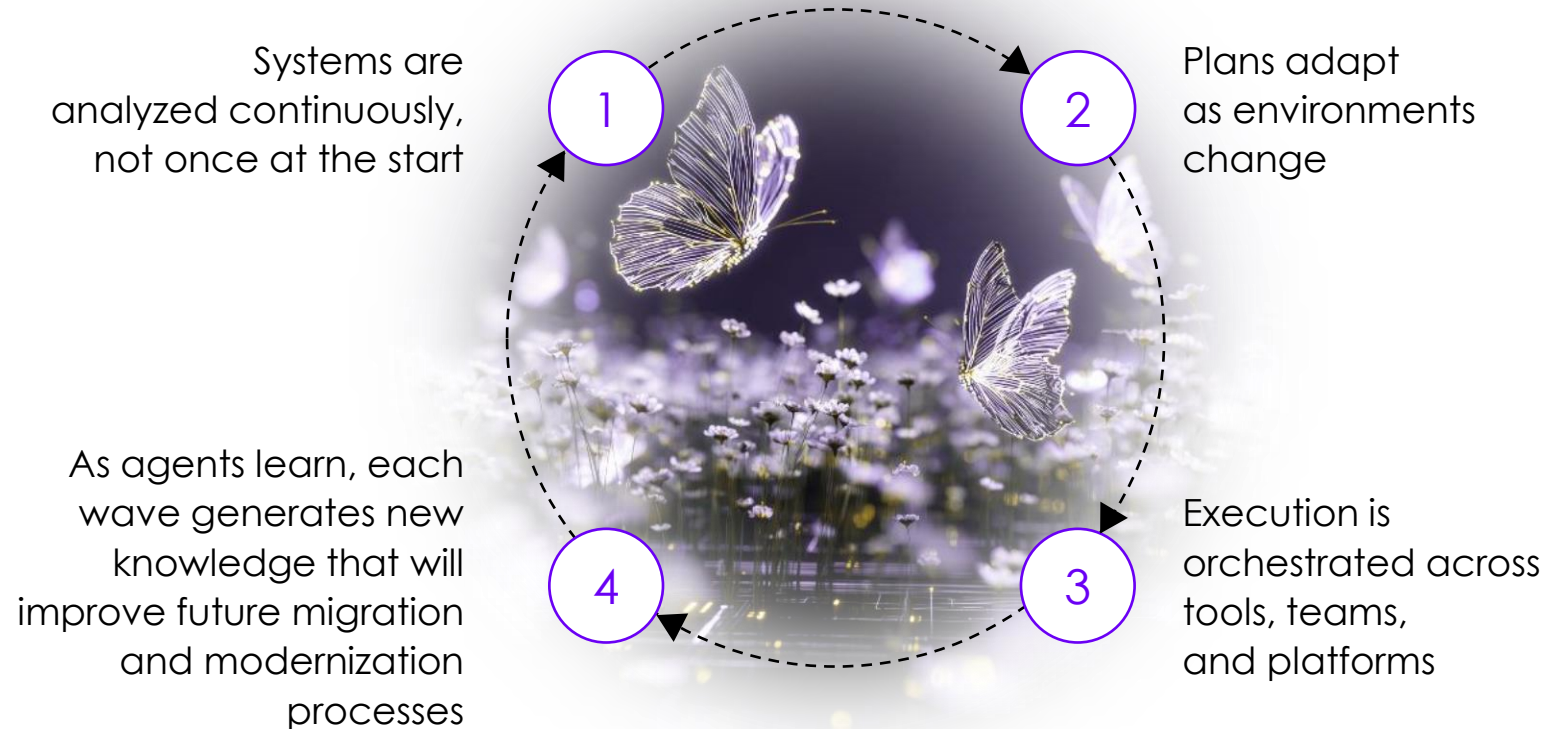
At this juncture, Agentic AI is the frontier capability that changes the game. AI agents can orchestrate discovery, planning, execution, and validation in parallel combining migration and modernization into a single, continuous flow.

Moreover, once your modernization agents are in place, they enable ongoing optimization and automated continuous modernization ensuring cloud environments keep improving over time.

From migration projects to Agentic AI powered continuous modernization

Traditional approaches rely heavily on manual effort, static plans, and disconnected tools.

Agentic AI introduces continuous, **goal-driven intelligence** across the lifecycle:



“AI is fundamentally changing how we approach cloud transformation.

Not by automating individual tasks, but by orchestrating the entire modernization lifecycle continuously.

When that happens, migration stops being a one-time effort and becomes an intelligent system that learns, adapts, and improves with every wave.”

Salma Datenis, Head of Cloud Studios, Amdocs

Amdocs differentiation

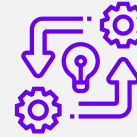
Amdocs' approach to cloud transformation includes:



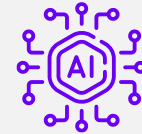
**End-to-end
ownership
and accountability**
across migration
and modernization



**Built-in governance,
validation, and
observability**



**Repeatable
playbooks**
for consistent
execution at scale



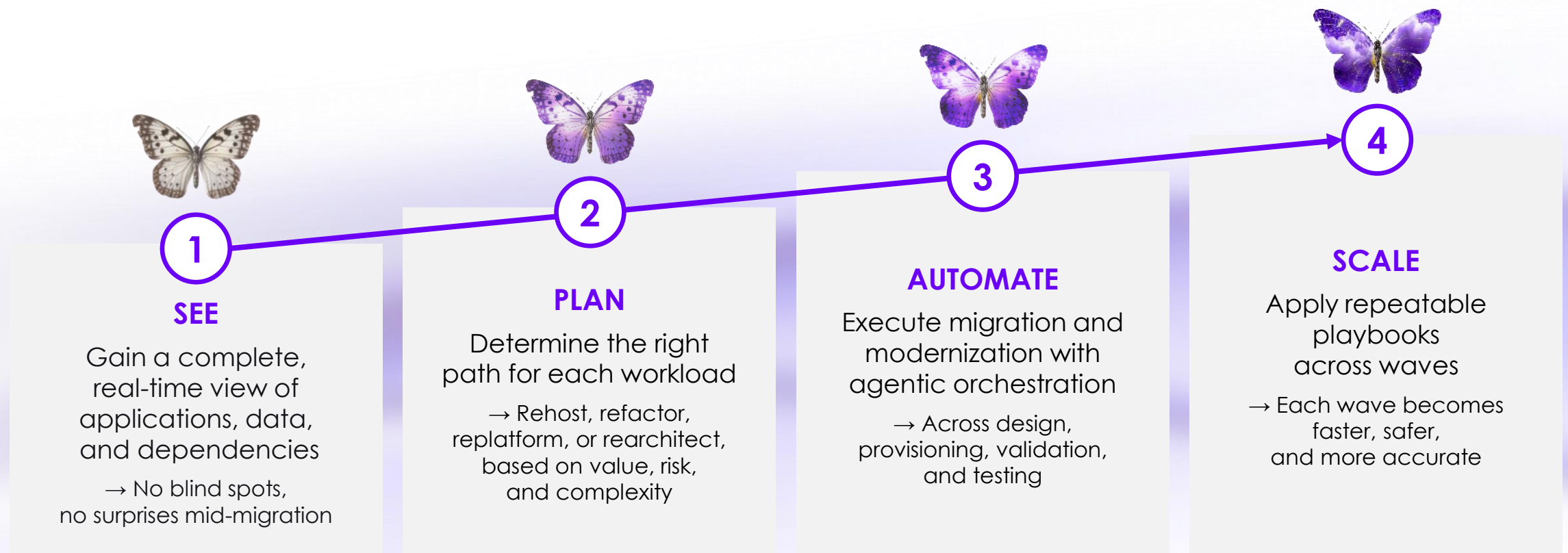
**AI agents
embedded**
across every stage of
the lifecycle for rapid,
accurate and ongoing
modernization



Amdocs Agentic AI-powered Cloud Migration & Modernization

Amdocs applies a coordinated system of AI agents across the migration and modernization lifecycle combining automation, intelligence, and enterprise-grade governance with human oversight.

Amdocs' 4-step agentic approach to cloud modernization & migration



The value of Agentic AI

Amdocs' approach to cloud transformation includes:

30%

faster

Migration
cycles

25%

lower

Modernization
costs

~30%

**improved accuracy
at scale**

For complex
environments



**“The real value of AI in cloud transformation isn’t just speed.
It’s precision and continuity.**

**By embedding AI agents across the lifecycle, we can modernize as we
migrate, reduce risk and cost, and deliver more valuable outcomes at scale.”**

Deborah Koens, GTM Leader, Cloud Studios, Amdocs

Full Suite of Agentic AI-driven cloud migration and modernization services

Amdocs delivers a comprehensive, Agentic AI-powered portfolio of cloud transformation services.

Agentic AI-driven VMware Migration & Modernization

Evaluate, optimize, and modernize VMware estates with strategies tailored by workload.

Agentic-driven Value-led Cloud Modernization at Scale

Prioritize the right workloads and investments to maximize business outcomes, not just technical completion.

Agentic AI-powered Application Modernization

Refactor and rearchitect applications to unlock performance, agility, and cloud-native scale.

Agentic AI-driven Mass Migration to Cloud

Accelerate large-scale migration and modernization of hundreds or thousands of applications.

Agentic AI-driven Mainframe Modernization

Transform legacy systems into cloud-native platforms without losing business logic or continuity.

Core-to-Cloud Transformation

Migrate and modernize mission-critical systems with precision, resilience, and zero disruption to operations.



Amdocs Coordinated System of AI Agents

Amdocs' Agentic Platform leverages multiple agents designed to perform specific tasks across each phase of the modernization journey including discovery, transformation, testing and deployment.



Discovery Agents

uncover application structure and dependencies



Context Agents

document and interpret business logic



Transformation Agents

support refactoring and service generation



Testing Agents

validate functional and performance equivalence



Deployment Agents

accelerate cloud readiness and integration

These agents operate within a governed framework that combines AI-driven intelligence with deterministic tooling and human oversight. The result is a repeatable, scalable and enterprise-grade modernization process.



Case study:

Cloud transformation, proven at enterprise scale

Tier-1 Telco | From manual, reactive operations to real-time agentic intelligence

A Tier-1 North American telco struggled with slow, manual root cause analysis (RCA) across distributed cloud environments. Diagnosing incidents required multiple teams, siloed tools, and hours of investigation.

Amdocs deployed an **agentic AI-powered RCA capability**, where multiple AI agents analyze system data, correlate signals across sources, and identify root causes in real time.

Impact:

Root cause analysis reduced from ~8 hours to seconds.

Faster identification of network issues and faster resolution.

Reduced downtime and operational disruption.

Analysts freed to focus on higher priority issues.

Migrate, modernize and transform cloud operations with clarity

With Amdocs Agentic AI powered solutions, cloud migration and modernization becomes a continuous, intelligent system capable of adapting, scaling, and improving over time.

Talk to an Amdocs expert about your cloud migration and modernization strategy.

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Amdocs helps those who build the future to make it amazing. With our market-leading portfolio of software product and services, we unlock our customers' innovative potential, empowering them to provide next-generation communication and media experiences for both the individual end user and enterprise customers. Our employees around the globe are here to accelerate service providers' migration to the cloud, enable them to differentiate in the 5G era, and digitalize and automate their operations.

Listed on the NASDAQ Global Select Market, Amdocs had revenue of \$4.53 billion in fiscal 2025.

For more information, visit Amdocs at www.amdocs.com

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