Modernize with purpose: Application transformation with Unisys and AWS

Your applications can become the backbone of productivity and innovation. When operations run smoothly and employees achieve more with limited resources, that's the power of modern applications transformed with Amazon Web Services (AWS) and Unisys.

The essence of application transformation is simple: choosing the right strategy to satisfy your needs. This could mean anything from rehosting, refactoring and rearchitecting to rebuilding legacy applications to align with a new cloud environment. However, the goal is always to improve agility, security and compliance and, eventually, deliver on mission outcomes.

Why should you care? Because meeting evolving expectations is a necessity. Your workforce and constituents expect (and need) more from technology investments. Cloud technology gives organizations new capabilities to compete and operate effectively. AWS and Unisys have a long history of working together to help public sector organizations achieve positive outcomes and returns on technology investments.

Modern applications are now a must-have for any public sector organization to benefit from digital transformation.

Application transformation benefits

Migrating and modernizing applications increases agility and technology benefits.

Agency/Department benefits

- Flexibility to meet changing constituent and workforce demands

- Confident app launches

- Faster implementation times

IT benefits

- Low technical debt

- Increased security and compliance

- Robust applications

- Lower risk

- Reduced TCO

What to ask when planning for application transformation

To effectively plan for application transformation and modernization, it's essential to ask the right questions about value, strategy and governance, future mode of operations, your workforce and your technology landscape.

Organizational value

- What specific outcomes are you targeting through the transformation (cost savings, investment value, taxpayer value, productivity, future proofing, transformation objectives)?

- What KPIs or metrics will define success for your transformation efforts?

- Are you prioritizing applications based on operational impact or technical feasibility?

- How will the transformation support your long-term strategic goals or digital transformation roadmap?

Strategy and governance

- Is your enterprise scalable enough to modernize multiple apps?

- Do you continuously evaluate your strategy and governance policies?

- Have you assessed and accepted the risk profile?

- Are you choosing the right AWS services and regions?

- Do you have the tooling necessary to adapt to applications on AWS?
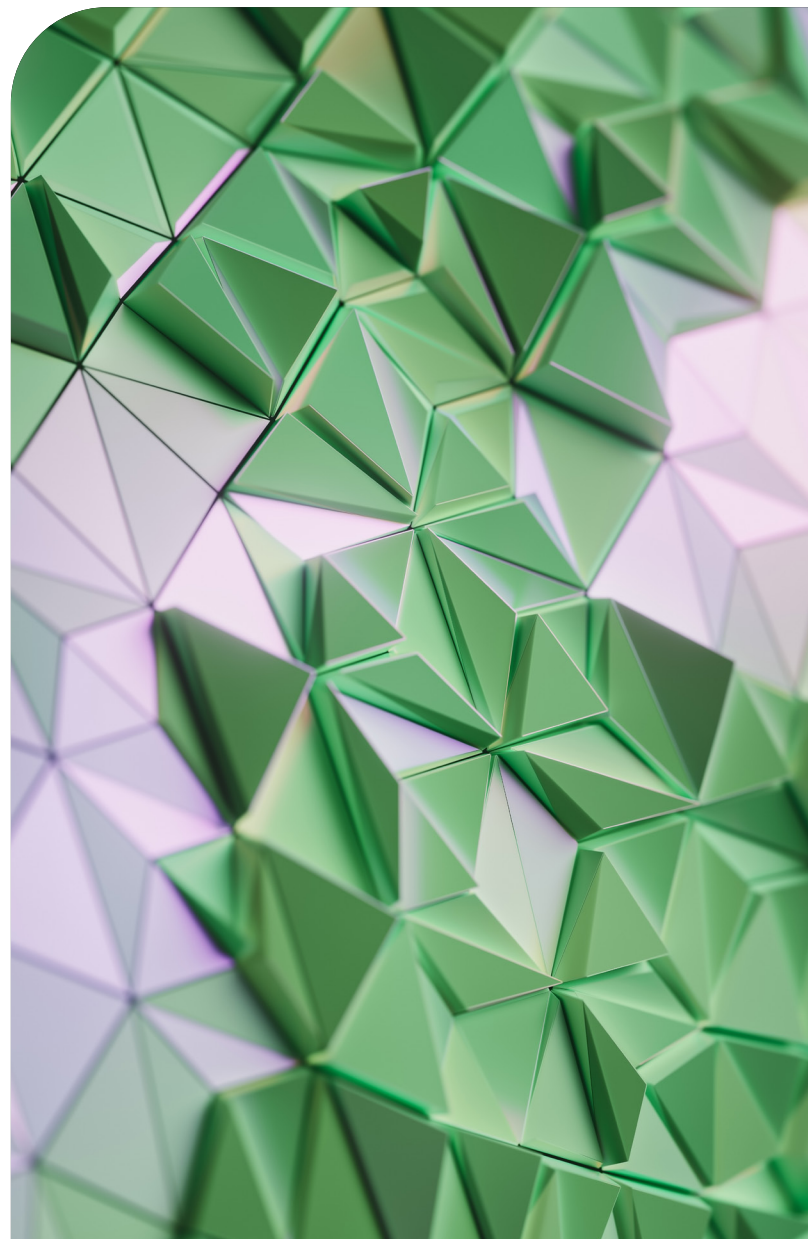
Future mode of operations

- Have you defined future team responsibilities and enterprise protocols?

- How will you ensure a smooth transition to modern applications?

- Can your business and IT processes handle application modernization?

- Do you have training and advocates prepared to educate stakeholders on new processes?

Future-ready workforce

- How will you upskill your workforce?

- Which employees throughout the organization can act as application modernization advocates?

Future technology landscape

- What's your strategy for future-proofing modernized applications?

- How will you apply AI to modernize and build intelligent applications?

- How will you prioritize applications for transformation?

How Unisys and AWS support each phase of application transformation

Plan

- Unisys provides an application rationalization solution and ROI calculator to build, track and manage application transformation initiatives effectively.

- Unisys uses the AWS Well-Architected Framework, service catalog and design methodologies for enterprises to set up a robust application transformation practice in the cloud.

Build

- AWS provides various foundational modern computing solutions, purpose-built databases, enabling services and API services.

- AWS and Unisys advocate a "developer-first" and "application-first" culture for IT divisions.

- Unisys integrates AWS application development services, Unisys accelerators and partner solutions for a seamless developer experience.

- Unisys application transformation processes enable autonomous digital application capability teams to supercharge application transformation.

Run

- Enterprises can confidently run modernized applications with high availability and robustness on the AWS cloud.

- AWS provides comprehensive observability, security, billing and alerting services for enterprises to run their modern applications securely and competently.

Take the next step with Unisys and AWS

With several AWS credentials, including AWS Advanced Consulting Partner, AWS MSP Partner and AWS Migration Competency, Unisys has the expertise to accelerate application transformation.

Our partnership with AWS runs deep — together, we provide proven industry solutions that help you navigate the complexities of modernization and keep pace with the evolving cloud environment. No matter where your organization is in its transformation process, Unisys delivers secure, robust modern application solutions tailored to your needs to help ensure fast time to value and lower total cost of ownership.

Learn more about our cloud solutions for modern applications and contact us to explore how we can begin to work together.

Benefits of working with Unisys and AWS to modernize your legacy applications

- Defining organizational outcomes and enterprise strategy and building a roadmap before application transformation

- Evaluating risk continuously, reporting and course correcting when needed

- Creating custom approaches the best-fit solution, whether a serverless application, microservice or something else

- Giving equal time to strategy, governance and operational change management

- Taking small and continuous steps toward innovation in application transformation

- Choosing the best technology for your organization

- Recognizing that total cost of ownership (TCO) and technical debt are reduced only if modernization is done right

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