

Platform and Systems

Modernize Without Starting Over

An IT environment can work reliably for years but still lack the flexibility to support what the business needs next. That gap has become more visible as organizations work to adopt AI, which needs to connect with data and business processes embedded in applications that weren't designed for that kind of access.

Modern platforms and systems provide this level of flexibility, enabling organizations to adopt technologies like AI while continuing to maximize the value of existing investments.

AI Raises the Bar for Infrastructure

AI is making infrastructure choices more consequential because it raises the technical requirements organizations place on their platforms. AI workloads need fast access to data and an environment that supports rapid development and iteration. For many organizations, that means running a container-based environment alongside the virtual machines that continue to support existing business workloads.

How organizations deploy AI can also affect cost and data control. For example, token costs for large public models can add up quickly at enterprise scale. Using a public model can also create risk if organizations don't understand where sensitive data goes, who can access it, or how it may be used. In some cases, a smaller model running on the

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- Modern platforms and systems provide the flexibility organizations need to adopt technologies like AI and keep pace with changing business requirements.
 - AI readiness raises the bar for infrastructure, requiring faster access to data, support for modern application development, and more deliberate choices about cost and data control.
 - Modernization doesn't require replacing everything. Organizations can modernize incrementally based on the business value each change will deliver.
 - Platform decisions need to account for Day 2 operations, including observability, security, patching, and ongoing change.

organization's own infrastructure can meet the business need. That shifts some ongoing token costs to infrastructure investment and can also give organizations greater control over sensitive data.

Modernize for Flexibility

Modernizing for flexibility rarely requires wholesale replacement of IT infrastructure. Existing applications and workloads are already delivering business value, and replacing everything at once can create unnecessary cost and disruption.

A better approach is to modernize incrementally based on value: Is the business value of a proposed change worth the cost to design, implement, and run it? That perspective helps IT leaders decide which

systems to migrate or replace and which to optimize, upgrade, or extend. For example, open APIs or a DevOps toolchain can allow a mainframe or legacy database to participate in a modernized environment without replacing the underlying system.

As modernization progresses, each change should move the environment toward a clearly defined end state. Platforms and systems need enough flexibility to support that progress without creating vendor lock-in that limits future technology choices.

Build for Day 2 Operations

The same flexibility that guides modernization decisions needs to extend into day-to-day operations. A platform that is quick to deploy may be difficult to monitor, secure, patch, or change if operational requirements aren't considered up front. That means planning how teams will observe the environment, apply security at a granular level, and maintain and update it over time. Observability helps teams understand performance and identify

problems, while automation helps them manage patching and change consistently.

That's why systems, platforms, operations, and AI readiness need to be part of the same strategy, not addressed in isolation. Decisions in one area affect the flexibility and value of the others.

A successful platforms and systems strategy gives organizations a practical path toward what the business needs next without sacrificing the value already in place. Evolving Solutions brings perspective and experience across platforms, technologies, and client environments to help organizations make those choices and build the flexibility to keep moving forward.



Build the flexibility to support what's next.

Let's Get to Work!