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Azure Application Modernization

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Application Modernization
Our approach

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Azure Application Modernization

Kickstarting transformation

Azure Application Modernization is an essential building block to **Enterprise Modernization**, providing the opportunity to start small and improve workflows around targeted applications in your portfolio to deliver measurable value to the business.

This starting point can support your more comprehensive modernization journey by:

- **Enabling experimentation** without committing a massive volume of resources, offering an iterative path forward
- **Delivering fast results** for the applications you depend on most while helping to improve responsiveness, agility and delivery speeds where needed
- **Proving the value of modernization** and giving you vital evidence of its positive impacts for building engaging business cases for future transformation

What you stand to gain

01 **Improved developer effectiveness and speed to market**

Freeing core assets from legacy monoliths and re-architecting to cloud native drives growth, reduces TCO and enables new ways of working, helping your development teams follow modern software delivery practices, reducing cognitive load and **maximizing developer effectiveness**.

02 **Greater business agility and freedom to innovate**

An accelerated time to market means greater business agility. The decoupled nature of modernized applications makes it easier for development teams to make changes, follow agile development practices and continuous delivery. Therefore, when market forces or customer demands shift, you can quickly deliver what people want today — not weeks or months later.

03 **Processes that help attract and retain top engineering talent**

Skilled engineers don't want to spend their lives fighting an uphill battle, especially against complex legacy monoliths. Today's top talent expect to work with modern cloud tools and follow cloud-native practices. Application Modernization helps shape a better future for your tech community. Not only does it help break down the complex legacy monoliths that only your long-standing experts understand, but it also makes working with your team a much more attractive prospect for new talent.

Concerns of engineering leaders

How can Azure **Application Modernization** help?

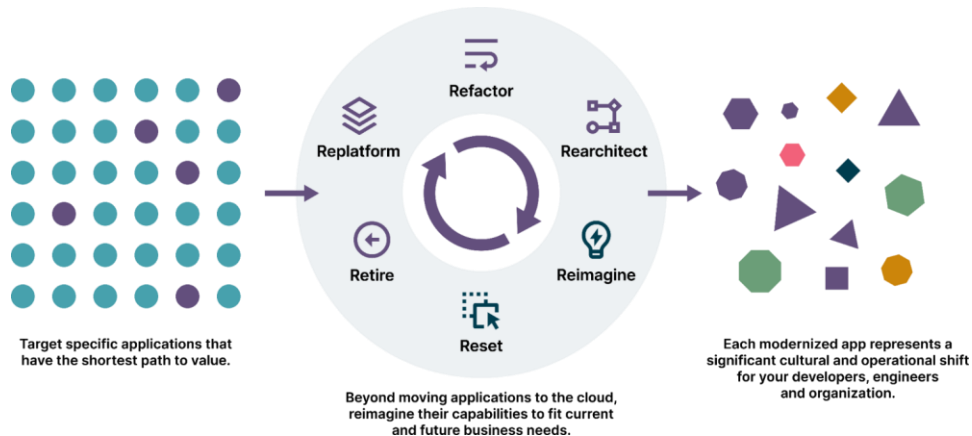| Concerns	Azure Application Modernization
☁ **Born-in-the-cloud competition**	● Modernization Business Case ● Quantifiable Business Outcomes ● Increased collaboration between Product and Engineering ● Business-aligned Future Architecture
▢ **Misaligned product and engineering charters**	
☺★ **Attracting and retaining top technical talent**	● Modern Technical Stack ● Immersive Learning Environment ● Engineering Culture Reset ● Cloud-native recommended practices & operational model
⊕ **Formal up-skilling of teams**	
↪ **Unsuccessful prior attempts to "Escape Legacy"**	● Proven Modernization Techniques and Expertise ● Thin-slice approach w/ incremental delivery ● Safety nets to increase developer confidence
! **Unchecked technical debt**	

Azure Application Modernization

We go beyond technology transformation

Target specific applications that have the shortest path to value.

Replatform · Refactor · Rearchitect · Reimagine · Reset · Retire

Beyond moving applications to the cloud, reimagine their capabilities to fit current and future business needs.

Each modernized app represents a significant cultural and operational shift for your developers, engineers and organization.

Thoughtworks' Azure Application Modernization service offering delivers **measurable business outcomes** through targeted modernization of an application or subset of your application portfolio. Our highly iterative approach ensures **continuous value delivery** from start to finish. Key modernization strategies:

Reimagine your existing business capabilities by exposing core assets and aligning the To-Be architecture to serve current and future business needs

Re-architect, **Refactor** or **Replatform** your application, or subset of the application portfolio to cloud-native

Retire features that no longer provide business value, simplifying core assets, improving operational efficiencies and reducing operational costs

Reset engineering culture to enable modern software delivery, upskilling your talent through show-by-doing

We focus on delivering outcomes
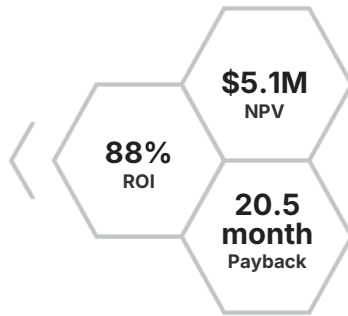
Thoughtworks top quantified benefits
Three-year risk-adjusted

$8.6M: Increased profit from being early to market

$1.1M: Reduced cost of maintaining legacy applications

$631,325: Reduced cost of maintaining newly developed applications

$490,859: Accelerated revenue from shortened onboarding of new customers

88% ROI

$5.1M NPV

20.5 month Payback

"We needed a partner that could help us better understand our customer and how they interacted with our company. Thoughtworks helped us reimagine what our product should be rather than just rewriting the technical features on the back end."

Vice President, Brand Technology, National Restaurant Chain

Source: Forrester

Forrester

"Thoughtworks design and...delivery results in..."

▲ **69%** **Improved time-to-benefit**

▼ **57%** **Reduced cost**

Energy Company, Customer Service Mgr

"Imagine calling a customer support center and the first person you speak with...answers all of your questions. In [less than a] week of [use], [we had] a double digit improvement in [our] first call resolution rate"

AvidXchange CIO, Angelic Gibson

"The work we are doing with Thoughtworks is game changing for our company and industry."