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Kyndryl application modernization service on Azure

Customer challenges

Applications built on legacy technologies can result in:

→ Performance bottlenecks
→ Technology debt and security exposure
→ Inability to scale to meet business demands
→ Poor user experience
→ Lack of skills in legacy technologies required to maintain the application
→ Increased operating costs as a result of all of the above

Solution highlights

Kyndryl application modernization service on Microsoft® Azure accelerates modernization of a monolithic application into microservices for efficiency and growth.

Our service commences the application modernization journey with an assessment of application code and the underlying software stack to understand current state architecture, and determine remediation required for adopting a microservices-based architecture—including determining the future state blueprint architecture.

The assessment follows up by redesigning and rebuilding monolithic applications into microservices and deploying them on Azure Kubernetes, RedHat OpenShift, or both. It also covers migrating application data and performing integration, performance, and user acceptance testing before going live.

Kyndryl application modernization service on Azure leverages the best practices of Microsoft Cloud Adoption Framework (CAF) for project delivery.

Customer benefits

Kyndryl application modernization service on Azure helps accelerate our customers' digital transformation objectives by modernizing legacy applications. Our deep expertise in modernizing applications on Azure helps improve both productivity and time to value.

Top business benefits and key outcomes include:

1. Modern architecture that improves scalability and flexibility at an application component level that is elastic to demands

2. Improved security posture by remediating traditional and legacy technical debt

3. Improved user experience through intuitive interfaces, responsive designs, and personalized interactions

4. Reduced total cost of ownership (TCO)

Why Kyndryl and Microsoft?

About Kyndryl

Kyndryl is the world's largest provider of IT infrastructure services, serving thousands of enterprise customers in more than 60 countries. As a focused, independent company, we're building on our foundation of excellence by bringing in the right partners, investing in our business, and working side by side with our customers to unlock their potential.

Providing undisputed leadership

6.7M mainframe installed MIPS

360K network devices managed

576 exabytes of customer data backed up annually

73K+ WAN devices managed

23M service desk contacts annually

4.1M LAN ports managed

Empowering thousands of enterprise customers, including:

60% of the Fortune Global 100 and more than half of the Fortune Global 500

Microsoft Advanced specializations

→ Kubernetes on Microsoft Azure
→ SAP on Microsoft Azure
→ Analytics on Microsoft Azure
→ Microsoft Azure VMware Solution
→ Microsoft Windows Virtual Desktop
→ Microsoft Low Code Application Development
→ Adoption and Change Management
→ Meeting and Meeting Rooms for Microsoft Teams

Solutions Partner designations

→ Solutions Partner for Business Applications
→ Solutions Partner for Infrastructure (Azure)
→ Solutions Partner for Data & AI (Azure)
→ Solutions Partner for Digital & App Innovation (Azure)
→ Solutions Partner for Modern Work
→ Solutions Partner for Security

25,000+ Microsoft certifications

Kyndryl and Microsoft advantage

Kyndryl and Microsoft provide the services and solutions to meet customers wherever they are on their cloud journey: on premises, across multiple clouds, or on the edge. With our joint expertise, we work with customers to manage complexity and modernize their operations for rapid business outcomes. We bring together deep design, delivery, management, and cloud technology expertise, supported by an expansive ecosystem, to unlock our customers' potential for long-term business impact.

Next steps

Learn more about the Kyndryl and Microsoft alliance, or visit us at kyndryl.com.

Microsoft Partner | Azure Expert MSP

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