

Hello, tomorrow. Cloud future, fully realized.

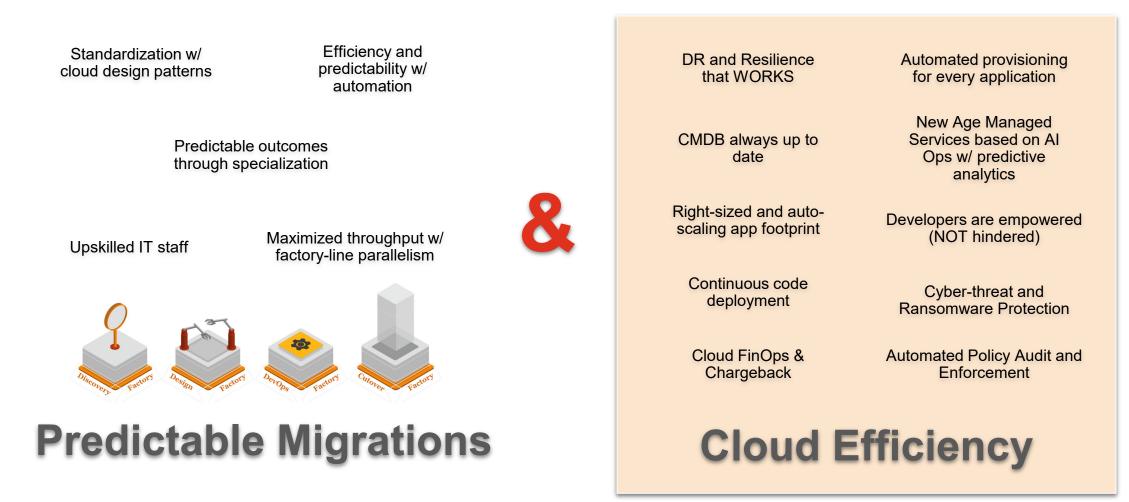


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Cloud Transformation Services

Migrating to the Cloud is more than just moving workloads - it's **also** about taking advantage of Azure to solve historical IT inefficiencies



Approach Overview

Setting you up for success by implementing core capabilities that accelerate transformation through automation and migrating apps without incurring in tech debt



Setup

Before migrating any workloads, we must first evaluate and enhance your Azure Foundation, analyze your current application portfolio, and standardize on the architecture patterns your applications will adopt as they move into the Azure Cloud



We then employ the specialized skills from **PwC's Build Studio** engineers to migrate your applications into modern **cloud-optimized workloads** with built-in resilience, Infrastructure-as-Code automation and autoscaling capabilities



Operate

Finally, your legacy environments are decommissioned, and your application workloads become self-sustaining in the Azure Cloud with automated Cloud governance and a new-age operating model

Setup Phase

In parallel with building up the migration schedule, we will evaluate and enhance your Core Azure Fabric and Cloud Governance capabilities



Gather a complete inventory of applications in scope for migration, including all relevant attributes (e.g., app owner, dependencies, DR requirements, configuration items), and confirm the migration dispositions (6Rs)



Assess any asset discovery tools currently in place for on-premises workloads, evaluate the need for additional tooling required to automate and expedite discovery, and roll out such tools as needed



Standardize target application architectures with native cloud resilience, containers, auto-scaling, and enable automated deployment of entire application stacks with infrastructure-as-code automation



Training and Upskilling

Grow the cloud skills of your application development teams and infrastructure engineers through knowledge transfer workshops, dedicated training, and reference documentation for post-cutover enhanced DevOps activities



Core Azure Fabric

Evaluate the maturity of your core Azure Fabric and identify enhancement opportunities across all key areas, including:

- Azure Regions and Core Networking
- DevOps Pipelines and Infra-as-Code
- Intelligent Monitoring and Alerting
- Resilience and Disaster Recovery



Evaluate the maturity of your Cybersecurity capabilities and identify enhancement opportunities across all key areas, including:

- Identity and Secrets Management
- Intrusion detection and prevention
- Ransomware protections
- DDoS Protections



Cloud Governance

Evaluate the maturity of your Cloud Governance and identify enhancement opportunities across all key areas, including:

- Cloud Operating Model
- Subscriptions and Management Groups
- Policy-as-Code and audit automation
- Consumption optimization and chargeback

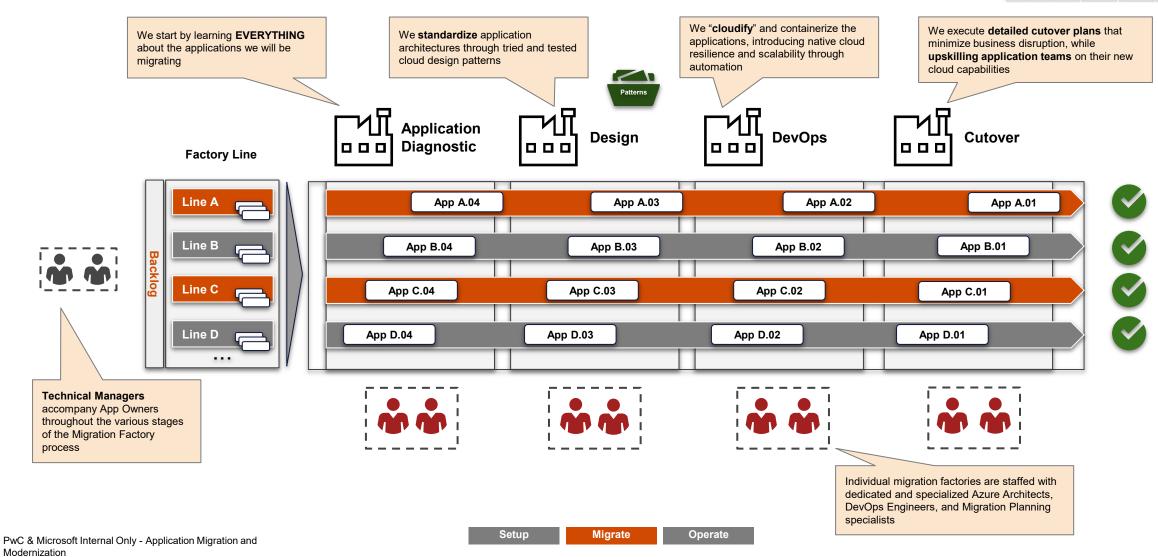
Migration Factory Calendar

Provide a calendar of available **appointment days** that application teams can reserve in order to start coordinating with the Migration Factory team to plan out the migration activities and confirm a target migration date

Migrate

Migrate Phase

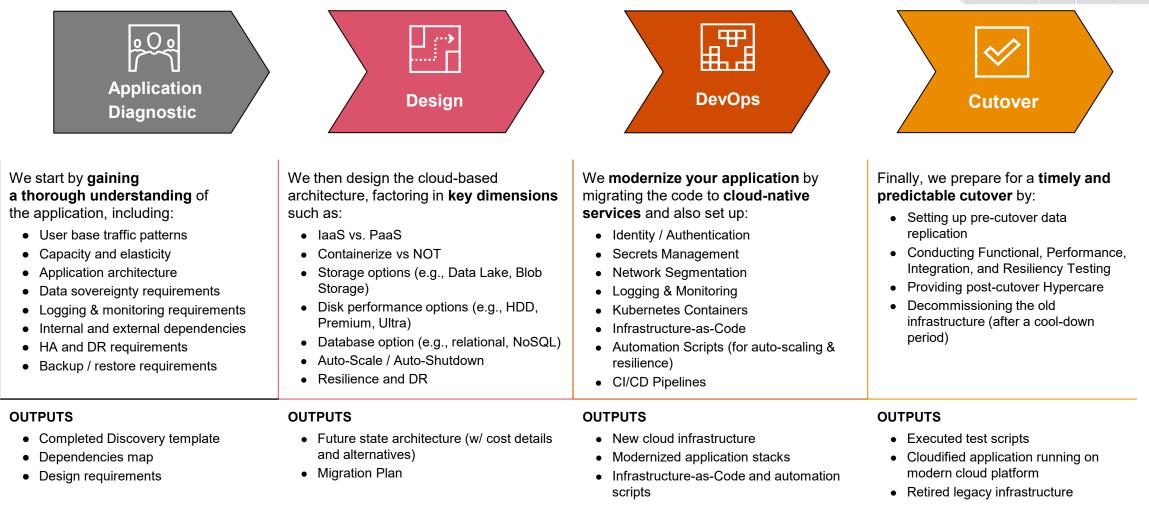
Our migration methodology is powered by PwC's Build Studio, that provides industrialized delivery through scale, standardization, automation, resource pooling and a consistent delivery process



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Migrate Phase

At each stage of the migration process we address every single aspect required for a complete and predictable migration of your application onto the Cloud



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Operate Phase

After cutover, your applications will become self-sustaining in the Azure Cloud thanks to automated Cloud governance and a new-age operating model

CI / CD Automation

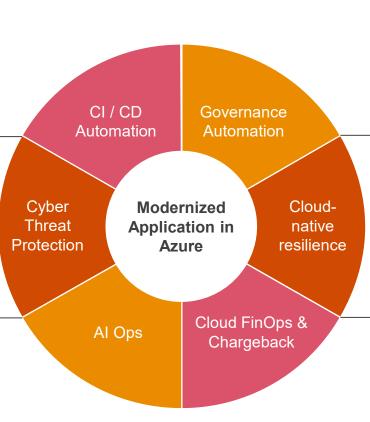
- Take advantage of the native integration of leading Microsoft DevOps tools such as MS Visual Studio, Azure DevOps, and Azure Pipelines
- Integrate build, deployment, and testing of entire application stacks (app + infra) in a single automated pipeline

Cyber Threat Protection

- Unify security management and enable advanced threat protection for all workloads with MS Defender for Cloud
- Protect your applications from threat actors and Cyberattacks using tools such as Azure DDoS Protection

Al Ops

- Proactively identify issues and prevent outages with machine learning and AI
- Automatically remediate infrastructure and application issues thanks to predictive analytics



Governance Automation

- Control shadow IT with **Azure Policy-as-Code** Automation
- Implement granular controls for regulatory compliance
- Automate audit, reporting, and enforcement of controls using **Azure's Governance automation**

Cloud Native Resilience

- Take advantage of built-in high availability with in-site and multi-region workload distribution
- Scale automatically to accommodate unexpected usage spikes with **Azure Scale Sets**
- Rely on **Azure Backup** for protection of app data and granular recovery options

Cloud FinOps and Chargeback

- Rely on usage-based consumption budgets with thresholds and alerts with **Azure Cost Management**
- Use **Azure Reserved Instances** to cut cost by committing to reservations of virtual machines, databases, and other cloud services
- Monitor and allocate cloud spending with show-back and charge-back

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Thank you

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