Infrastructure Modernization Assessment Offer

Evaluate on-prem and cloud infrastructure to define a tailored cloud or hybrid modernization strategy using Azure, Arc, Stack HCI, or AVS.

Microsoft

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TTEC Infrastructure Modernization Assessment

TTEC Digital's Infrastructure Modernization Assessment is designed to help organizations take the next step in their cloud transformation journey. Whether you're fully on-premises, already in Azure, or exploring a hybrid cloud approach, this assessment delivers an actionable modernization strategy tailored to your current and future needs.

Our experts will evaluate your existing on-prem and cloud-based infrastructure—including servers, storage, networking, and virtualization platforms—and provide architectural guidance on modernization options including:

- Azure IaaS migrations
- Azure VMware Solution (AVS)
- Azure Stack HCI
- Azure Arc for hybrid and multicloud governance

The result is a recommended roadmap that aligns with Microsoft best practices and key business drivers such as agility, scalability, and cost optimization.

- Infrastructure Inventory Summary
- Cloud Readiness & Dependency Assessment
- Hybrid Cloud Suitability Analysis
- Recommendations for Azure, AVS, Arc, or Stack HCI
- Modernization Roadmap and Next Steps
- Potential to be fully funded by Microsoft and TTEC

Accelerate Business Outcomes

Clear understanding of modernization options and benefits

Roadmap tailored to business and technical constraints

Awareness of cost-saving opportunities in cloud adoption

Pain Points

- ✓ Concerns about aging infrastructure or data center capacity
- ✓ Unclear or stalled cloud strategy
- ✓ Budget pressures for infrastructure refresh
- ✓ Need for centralized governance across hybrid or multi-cloud environments

Qualification

- ✓ Are you running workloads on-premises or in co-located data centers?
- ✓ Are you considering a move to Azure or a hybrid cloud strategy?
- ✓ Do you need to maintain workloads on-prem due to compliance, latency, or application dependencies?
- ✓ Have you explored Azure Arc, Azure Stack HCI, or AVS?

Outcomes

- ✓ Inventory and Assessment Report
- ✓ Hybrid Cloud Suitability Analysis
- ✓ Blueprint for Azure, AVS, Arc, or Stack
- ✓ Actionable Next Steps

Project Cost:
$10K – Eligible for TTEC and Microsoft funding

Project Timeline:
1 Week

Assessment Workflow – ~1 Week

Discovery and Analysis

- Kickoff and Stakeholder Alignment
  - Confirm scope, success criteria, key contacts, and timelines.Identify business priorities (e.g., scalability, cost efficiency, resiliency).
- Environment Access and Data Collection:
  - Gather inventory of on-prem and cloud resources (servers, storage, virtualization, networking).
  - Review CMDBs, monitoring data, capacity plans, and licensing documentation.
- Current-State Architecture Review
  - Analyze data center topology, virtualization platforms (e.g., VMware, Hyper-V), and existing Azure footprint.
  - Identify key applications and workloads, including dependencies.
- Strategic Context
  - Understand current challenges, cloud adoption drivers, and upcoming business initiatives.

Technical Assessment

- Compute and Virtualization
  - Evaluate virtualization strategy (e.g., ESXi, Hyper-V), workload consolidation opportunities, and cloud readiness.
  - Review use of AVS or feasibility for Azure IaaS migration.
- Storage and Backup
  - Assess SAN/NAS/storage tiering and data protection practices.
  - Analyze backup and disaster recovery alignment with Azure Backup/Site Recovery.
- Networking and Security
  - Review data center and branch networking (LAN/WAN), security appliances, and connectivity to Azure (ExpressRoute, VPN).
- Hybrid and Edge Capabilities
  - Evaluate potential use of Azure Stack HCI, Arc-enabled servers/k8s, and edge scenarios.
- Cloud Governance Readiness
  - Assess management tools, security practices, and policy alignment across hybrid environments using Azure Arc

GAP Analysis and Recommendations

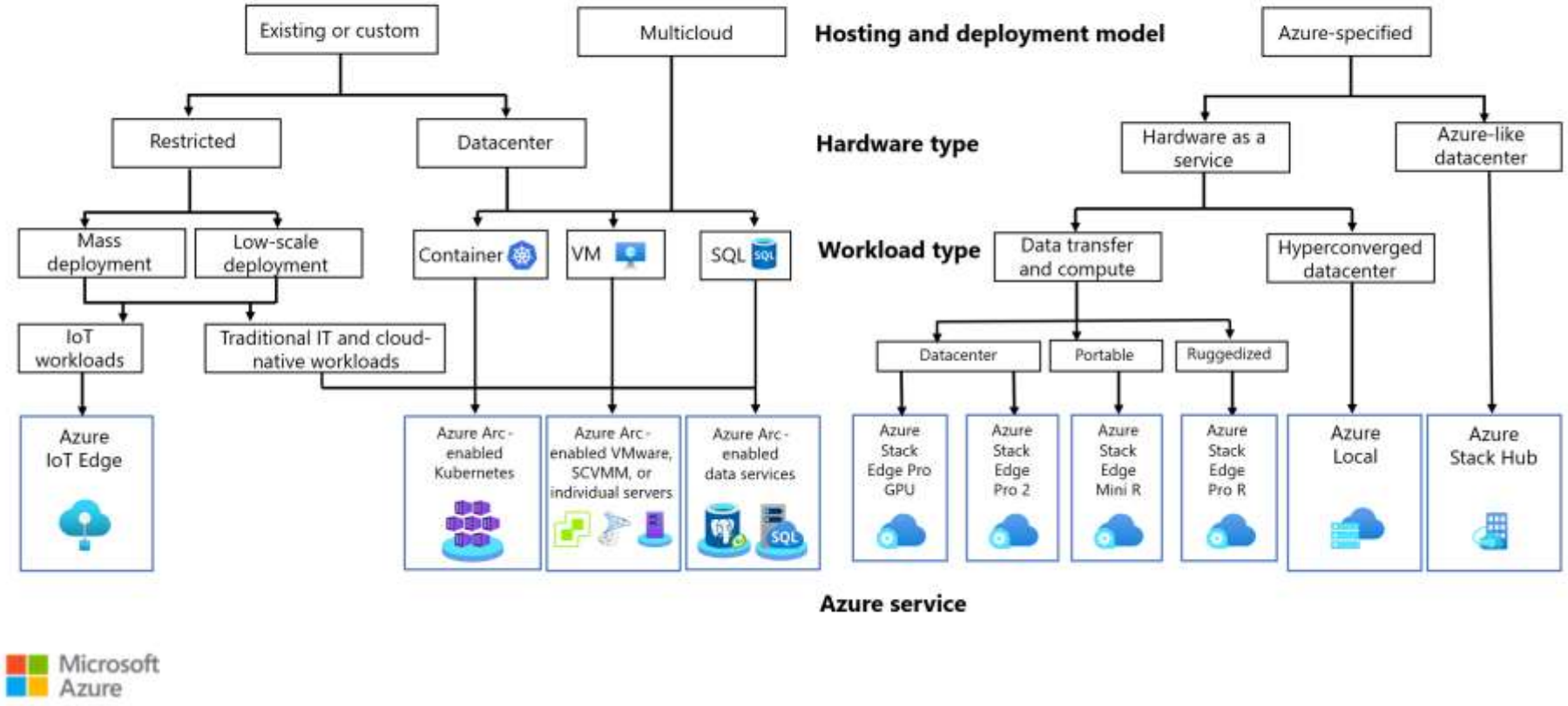
- Workload Suitability Analysis
  - Categorize workloads: rehost, replatform, retain, or retire.
  - Match workload requirements to Azure services or hybrid options (e.g., AVS, Stack HCI).
- Modernization Strategy
  - Recommend modernization patterns and platform options aligned with business and IT objectives.
  - Highlight licensing, performance, and TCO considerations.
- Tooling and Automation
  - Suggest tools for migration (e.g., Azure Migrate, Data Box, ASR).
  - Recommend automation frameworks for provisioning, patching, and monitoring.
- Risk and Readiness Assessment
  - Identify blockers (skills gaps, legacy dependencies, unsupported systems).
  - Provide phased approach to mitigate risk and enable gradual modernization

Review of Findings

- Executive Summary
  - Present modernization vision, business alignment, and high-level recommendations.
- Detailed Technical Review
  - Walk through assessment findings, reference architectures, and key decision points.
- Modernization Roadmap
  - Provide a prioritized, phased roadmap (short-, mid-, long-term) with estimated timelines and effort.
- Handoff and Enablement
  - Share deliverables: documentation, recommendations, diagrams.
  - Discuss next steps (e.g., pilot workloads, remediation engagements, managed services)

Infrastructure Modernization Assessment

- Clear understanding of modernization options and benefits
- Roadmap tailored to business and technical constraints
- Improved agility and resilience planning
- Confidence in hybrid governance with Azure Arc or Stack HCI
- Awareness of cost-saving opportunities in cloud adoption



Infrastructure Modernization: Discovery to Findings

Discovery and Analysis

- Kickoff Meeting and Stakeholder Alignment
- Environment Access and Data Collection
- Current State Architecture Review
- Strategic Context

Technical Assessment

- Compute and Virtualization
- Storage and Backup
- Networking & Security
- Hybrid and Edge Capabilities
- Cloud Governance Readiness

GAP Analysis and Recommendations

- Workload Suitability Analysis
- Modernization Strategy
- Tooling and Automation
- Risk and Readiness Assessment

Review of Findings

- Executive Summary Presentation
- Technical Deep Dive Session
- Modernization Roadmap
- Handoff and Next Steps