HCLTech | Supercharging Progress™

Scale AI closer to your data with Azure Local

A one-stop solution for sovereign AI, edge intelligence and hybrid modernization

With AI adoption accelerating across industries, organizations need secure, low-latency, and compliant platforms that bring computing and intelligence closer to where data is generated. Azure Local extends Azure capabilities to datacenters, branches, factories, retail stores, and edge environments, enabling organizations to run AI and business-critical workloads locally while maintaining Azure-native management, governance, and security.

HCLTech helps enterprises assess, design, deploy, and manage Azure Local environments to accelerate sovereign AI adoption, modernize distributed infrastructure, and operationalize edge intelligence.

Business challenges we address

Organizations adopting Azure Local often face:

- Data sovereignty and residency requirements
- Latency-sensitive AI and edge workloads
- Complex hybrid environments spanning cloud, data center and edge
- Connectivity constraints in remote and regulated locations
- Difficulty scaling AI and GenAI initiatives from pilot to production
- Rising infrastructure, virtualization, and cloud costs
- VMware modernization and migration challenges
- Governance, compliance, and shadow AI risks
- Lack of specialized Azure Local and edge AI skills

How our Azure Local framework can help

Our three-pillar framework helps organizations adopt Azure Local with reduced risk and faster time-to-value.

Assess and mobilize:

Evaluate readiness and identify high-value opportunities.

Key services

- Workload and application assessment
- AI and edge use-case evaluation
- Data sovereignty assessment
- TCO and ROI analysis
- Pilot prioritization

Deliverables

- Azure Local readiness report
- Opportunity heatmap
- Business case recommendations

Plan and design:

Build a scalable, secure, and future-ready Azure Local foundation

Key services

- Target architecture design
- Hardware and GPU sizing
- Security and compliance framework
- Azure Arc governance strategy
- Migration planning and operating model design

Deliverables

- HLD and LLD
- PoC architecture
- Migration roadmap
- Operating model

Adopt and sustain:

Deploy, migrate, and manage Azure Local environments at scale

Key services

- Azure Local deployment
- GPU-enabled infrastructure setup
- VMware migration and modernization
- AI model deployment
- Managed operations and lifecycle management
- Compliance monitoring and FinOps

Deliverables

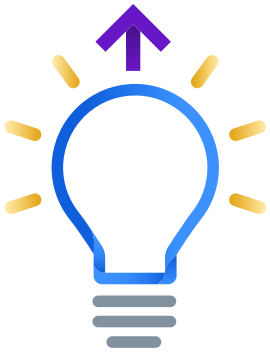
- Production-ready platform
- Managed runbooks
- Value realization

Business benefits

+ Low-latency AI inference and real-time decision-making
+ Enhanced data sovereignty and regulatory compliance
+ Consistent Azure operations with Azure Arc governance
+ GPU-ready infrastructure for AI and advanced workloads
+ Resilient operations across remote and disconnected sites
+ Faster GenAI and private AI adoption
+ Reduced operational complexity through automation
+ Predictable modernization and cost management
+ Improved workload placement and governance visibility
+ Accelerated VMware exit and technical debt reduction

Why HCLTech?

1. End-to-end Azure Local assessment, design, deployment, and managed services
2. Strong expertise across Azure Local, Azure Arc, AKS, AVD, GPU infrastructure, and hybrid cloud



3. Proven modernization and VMware migration capabilities
4. Dedicated Microsoft business unit and cloud transformation experts
5. Backed by accelerators, cloud labs, migration CoEs, and industry best practices
6. Integrated AI Ops, FinOps, governance, and compliance management
7. 360-degree Microsoft partnership backed by a strong partner ecosystem

Our success stories

Scaling distributed retail operations with local AI and Azure Local

Enabled Azure Local deployment across distributed retail locations for a global retail enterprise, supporting local AI processing and store applications.

Our impact:

- Enabled AI processing closer to store operations
- Improved resilience across distributed retail environments
- Standardized Azure-based edge operations

Building a consistent hybrid foundation for regulated operations

Implemented Azure Local across remote and production sites for a global pharmaceutical manufacturing enterprise, supporting regulated workloads and real-time AI.

Our impact:

- Established a consistent hybrid operating model across sites
- Reduced latency for critical workloads
- Improved AI readiness and governance

To know more about **our Azure Local services, write to us at** HCBU-PMG@hcltech.com.