

Azure Local Implementation

Deploy, Migrate, and Modernize

SNP Technologies' **Azure Local Enablement: Deploy, Migrate & Modernize** offer helps organizations modernize on-premises infrastructure while maintaining data residency, low latency, and operational control.

Built on Microsoft Azure Local, our **three-phase delivery model**, brings Azure services directly to on-premises, edge, and remote environments. Through a proven three-phase delivery model, SNP designs, deploys, secures, migrates, and modernizes workloads with minimal disruption and predictable outcomes.

Customers benefit from unified hybrid management via Azure Arc, simplified operations with automated updates, enterprise-grade security, and seamless integration with Azure services such as Azure Virtual Desktop (AVD), Azure Kubernetes Service (AKS), and Azure Site Recovery.

Business Challenges We Address:

- High cost and complexity of legacy virtualization platforms
- Limited visibility, governance, and security across distributed environments
- VMware and Hyper-V modernization and migration pressures
- Need for low-latency workloads at edge and branch locations
- Lack of unified update management and security posture

The SNP Azure Local Advantage

- **Unified Hybrid Management** via Azure Portal, Azure Arc, and Windows Admin Center
- **Simplified Operations** with one-click OS, firmware, and driver updates
- **Enterprise-Grade Security** using secured-core servers, VBS, encryption, and Azure security baselines
- **High Performance at Scale** with NVMe/SSD storage and up to 100-Gbps networking
- **Seamless VMware & Hyper-V Migration** with minimal application changes
- **Single-Vendor Accountability** through Microsoft and certified OEM partners
- **Industry-Ready** for retail, manufacturing, remote operations, and edge workloads

Solution Scope and Delivery Approach

Phase 1: Azure Local Deployment, Update Management, and Security

Establish a secure, production-ready Azure Local foundation

- Readiness assessment and pre-deployment planning
- Hardware and network validation for Azure Local
- Active Directory preparation and cluster deployment
- Azure Arc onboarding and resource provider registration
- Centralized update management using Azure Update Manager
- Implementation of Microsoft security baselines, encryption and auditing
- Cluster Validation and test workload deployment

Outcome: A fully deployed, secure, and centrally managed Azure Local environment.

Phase 2: Migration from VMware or Hyper-V

Modernize virtualization without disrupting business operations

- Discovery and assessment using Azure Migrate
- Dependency mapping and migration readiness reporting
- Network and connectivity design (VPN & hybrid connectivity)
- Test migrations, production cutover, and validation

Outcome: Workloads successfully migrated to Azure Local with minimal risk and downtime.

Phase 3: Azure Virtual Desktop (AVD) & AKS on Azure Local

Unlock modern work and application innovation

Azure Virtual Desktop (AVD)

- User and application assessment
- Host pool, image, and FSLogix profile design
- Secure identity and access integration
- Autoscaling, monitoring, and end-user validation

Azure Kubernetes Service (AKS)

- Container readiness assessment
- AKS on Azure Local architecture and deployment
- Node pools, networking, storage, and security configuration
- Monitoring, logging, and test workload validation

Outcome: Secure virtual desktops and a modern container platform running on Azure Local.

Deliverables:

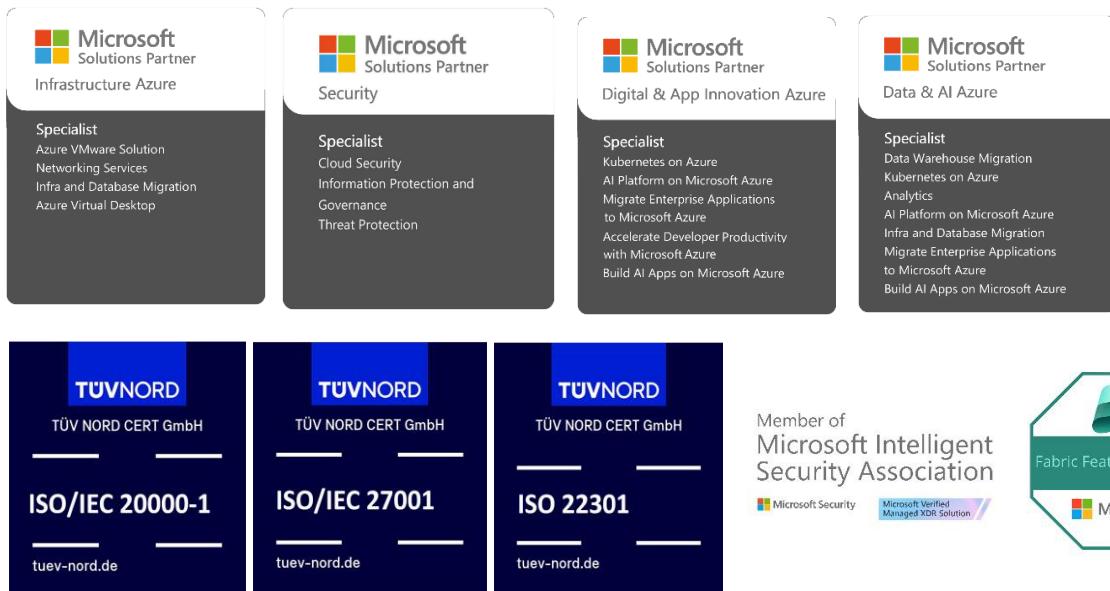
- Azure Local discovery & readiness assessment
- Architecture and migration design documents
- As-built and implementation document
- Knowledge transfer sessions
- Day 2 operational guidance and support options

About SNP Technologies Inc.

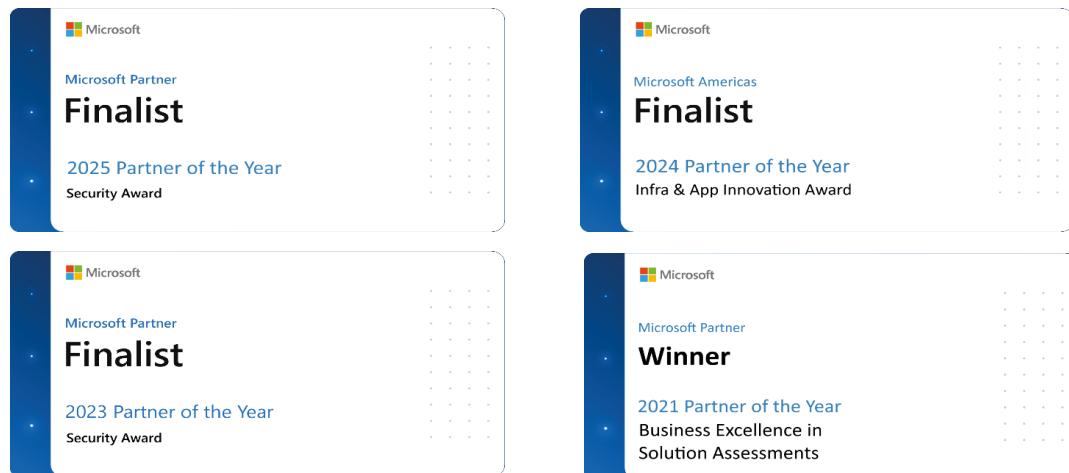
SNP Technologies Inc. is a trusted Microsoft Solutions Partner, empowering businesses to thrive in a cloud-first world. We specialize in **Azure cloud infrastructure, security, and data and AI**, delivering transformation through a **customer-first approach** and **deep Microsoft expertise**.

Supported by globally recognized **ISO certifications in IT Service Management, Information Security, and Business Continuity Management**, SNP ensures that innovation is never achieved at the expense of security or stability.

Our capabilities are further enhanced by **multiple Microsoft Specializations**. Combined with our passion for solving complex challenges, these specializations enable SNP to deliver **tailored, scalable solutions** that drive agility, strengthen security, and accelerate business outcomes.



PARTNER AWARDS & RECOGNITION:



Ready to modernize your on-premises infrastructure with Azure Local?

Partner with SNP Technologies Inc. Email: Prakash@snp.com

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Member of
Microsoft Intelligent Security Association

Microsoft Security Microsoft Verified Managed XDR Solution



AWARDS & RECOGNITION:



Ready to modernize your on-premises infrastructure with Azure Local?
Partner with SNP Technologies to deploy, migrate, and innovate—securely and confidently.
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