

**AZURE LOCAL AVD
AS A SERVICE.
DELIVERED BY
INFOSYS. ENABLED BY
DELL TECHNOLOGIES.**



START SMARTER. NOT OVER.

Hybrid work has evolved, but how most organizations enable it hasn't. Too often, businesses rely on a patchwork of cloud add-ons and legacy systems, which leads to complexity, compliance gaps, and poor user experience.

Virtual Desktop Infrastructure

(VDI) was introduced to solve for flexibility, delivering unmatched security, scalability, and ease of management - enabling employees to work productively from anywhere, on any device. But as hybrid models evolve, legacy VDI is falling short, causing businesses to face technical challenges as well as business-level impact, such as:

Performance Bottlenecks: Slow logins, latency, and lagging applications- particularly in low-connectivity regions, frustrates teams, lengthens work hours, and hinders overall productivity.

Compliance Gaps: Lack of control over data residency and regulatory needs increases the risk of non-compliance, financial penalties, and reputational damage.

OpEx and Cost Multiplicity of Cloud Resources: Unpredictable operating costs and complex cloud pricing models reduce visibility and impact cost efficiency.

Entry Barriers Including CapEx for a Private Cloud: High upfront infrastructure investments remain a hurdle for businesses aiming to adopt on-premises solutions.

These challenges don't call for a complete reset; they demand a smarter approach. That's where Infosys and Dell come in.



THE SOLUTION: A MORE INTELLIGENT APPROACH TO POWER HYBRID WORK

Leveraging extensive expertise in modern workplace transformation, Infosys—partnering with Dell Technologies—delivers a comprehensive solution tailored to address the complexities and challenges of today's hybrid work at scale. This solution combines the flexibility of cloud-based workspaces, the control of on-premise infrastructure, and the assurance of collaborating with trusted technology leaders.



LAUNCH WITH CONFIDENCE: AZURE LOCAL BUILT ON DELL TECHNOLOGIES AND DELIVERED BY INFOSYS

In today's dynamic business environment, organizations need robust, flexible, and secure infrastructure solutions to stay competitive. Azure Local managed and deployed by Infosys and powered by Dell Technologies, offers a unique blend of cloud and on-premises capabilities—delivering the best of both worlds with the added advantage of Infosys-led design, automation, and end-to-end management.



Optimal Performance Value: Delivers strong performance and value, particularly for organizations that need hybrid cloud capabilities with on premise control through Azure Stack and Azure Arc.



Data Residency: Address data residency constraints while bringing all the benefits of Microsoft Azure to your datacenter.



Skill Reuse: Azure Local is designed to leverage existing skills and tools, making it easier for organizations to adopt hybrid cloud infrastructure without retraining or retooling.



Unified Management: Centralizing IT operations for improved oversight and efficiency, using familiar tools like the Azure portal and Microsoft System Center.



Third-Party Integration: Ensures seamless integration with popular backup, security, and monitoring tools.



Hardware Flexibility: Empowers you to choose the hardware vendor that best suits your needs, ensuring excellent local support.



Enhanced Support: Delivers collaborative assistance from Microsoft and hardware partners, ensuring better customer experience.

SMARTER AT EVERY LAYER OF THE STACK

Infosys introduces a holistic solution to empower businesses to harness the potential of Microsoft's Azure Local platform. This offering is designed to provide a high-performance, cloud-native desktop experience within customers' on-premises environments.

Strengthened by our partnership with Dell Technologies, the solution integrates Dell's dependable hardware with Azure Virtual Desktop. Dell AX System for Azure Local, simplifies deployment, management, and operations through seamless integration and automation. This collaboration ensures seamless scalability and enhanced security across both on-premises and Azure cloud environments. Key features of this service offering:

- **Cloud-Like Control:**
Manage physical infrastructure like cloud resources through the Azure portal and APIs for deployment, updates, and monitoring.
- **Built-In Security:**
Dell AX System for Azure Local, a validated Premier Solution, offers secure-core settings, automatic encryption, and enforced app control to ensure end-to-end protection.
- **Flexible Performance:**
The AX System for Azure Local comes factory-ready with configurations that meet diverse workload demands for performance and scalability.
- **Simplified IT Operations:**
Dell OpenManage, integrated with Windows Admin Center, provides features like granular cluster-level management, drift detection, and streamlined remediation.



AZURE LOCAL AVD AS A SERVICE



Turnkey Delivery:

Value-Based Pricing, AVD offering with Azure Local, Dell infrastructure, CSP subscription, and BYO datacenter.



Certified Hardware:

Dell AX System for Azure Local is co-engineered with Microsoft and continuously validated.



Unified Management:

Automate and manage seamlessly with InfosysWorkplace Suite and Dell OpenManage's deep integration with Windows Admin.



Centre Intelligent Monitoring:

Full-stack observability with AIOps through enterprise observability tools and Infosys Workplace Suite.



Lifecycle Control:

Manage AVD, infrastructure, and hosted apps across the entire lifecycle.

SMART TOOLS. SWIFT DEVELOPMENT.



Automation And AIOps

INFOSYS WORKPLACE SUITE

INFOSYS TOPAZ

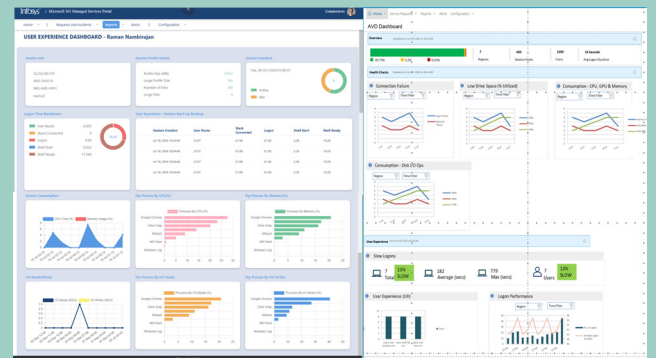


Cloud, Infrastructure And Security Artefacts

INFOSYS COBALT

INFOSYS CYBER NEXT

Operations Dashboard



Infrastructure Management

DELL Technologies



Dell AX System for Azure Local, A Premier Azure Solution

Dell PowerFlex

Architecture Framework, Reusable Artefacts



Azure Well-architected Framework

Assesment Tool For Azure Well-architected Framework

Infosys Architecture & Design Repo

Migration Enablers For Microsoft Technologies



Accelerators & Enablers: M365, Windows OS

Assesment Scripts For VDI Platforms

AVD Knowledge Articles, Issue Trackers, Commandlets & Scripts

Comprehensive Azure Local AVD as a Service for a Seamless Transformation

This solution delivers transformation end-to-end: design, build, migrate, manage. Every phase is handled with precision, automation, and speed.



Design/ Consult

Aligning goals with discovery workshops and solution design

Build a business case using the Migration Quotient Calculator

Validate the approach through proof-of-concept



Build/ Migrate

Plan migrations with structured change management

Accelerate migration using the Infosys Workplace Suite

Deploy fast with Dell Integrated System automation



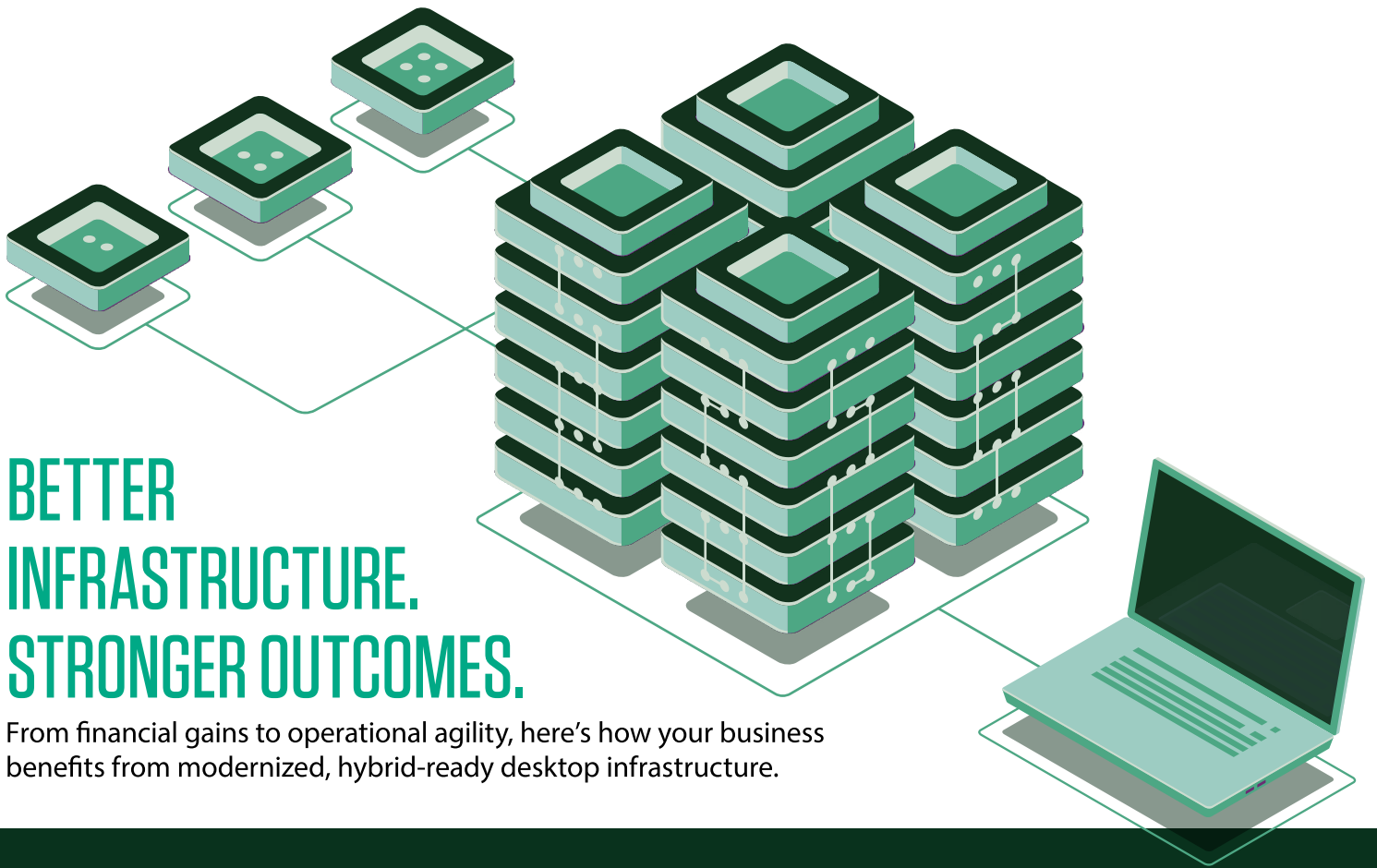
Manage/ Host

Deliver Virtual desktops as a managed service

Monitor performance with real-time observability

Manage operations and automations with Infosys Workplace Suite

Comprehensive full-stack lifecycle management with Dell OpenManage Enterprise



BETTER INFRASTRUCTURE. STRONGER OUTCOMES.

From financial gains to operational agility, here's how your business benefits from modernized, hybrid-ready desktop infrastructure.

Direct Cost Efficiencies:

- a.) Up to 50% infra savings vs. cloud-only Azure*
- b.) Up to 85% lower testing costs with Dell Integrated Systems**



Intelligent Automation, Indirect Cost Efficiencies:

- a.) Up to 30% cost savings with Azure DevOps automation***
- b.) AIOps with Infosys Workplace Suite
- c.) Observability solution integration with Dell OpenManage



Standardized, Scalable Infrastructure:

- a.) Infrastructure harmonization with Dell AX System for Azure Local, A Premier Azure Solution
- b.) Machine Learning driven root cause analysis with 3rd party observability

*<https://www.dell.com/en-us/blog/elevate-your-azure-stack-hci-experience-with-dell-solutions/>
**<https://www.delltechnologies.com/asset/en-us/solutions/apex/briefs-summaries/apex-cloud-platform-for-azure-economic-validation-study.pdf>
***<https://moldstud.com/articles/p-optimize-azure-devops-for-enhanced-performance-and-cost-management-strategies>

THE GUIDE TO YOUR SMARTER VDI JOURNEY

From assessment to proof of concept to phased rollout,
Infosys brings clarity and control to every phase of your transformation.



Step 01

Perform an environment analysis (4 Weeks)

Detailed assessment of existing legacy environment and applications

Cost benefit analysis

Migration feasibility

Use case fitment and Dell hardware catalog fitment analysis



Step 02

Perform a proof of concept (8 to 20 Weeks)

Deploy a proof of concept on-prem Azure Local AVD on Dell platform

Define success criteria based on Network-Compute-UX performance of critical business apps



Step 03

Detail out migration strategy (2 to 4 Weeks)

Greenfield adaption with industry best practices

Phased migration with Dell Premier Solutions AX Series- based Azure Local in a hosting facility of your choice

Ready to Modernize Without Starting Over?

Let's explore what smarter could look like for your business.

Start Smarter with a Consultation



Infosys Cobalt is a set of services, solutions and platforms for enterprises to accelerate their cloud journey. It offers over 14,000 cloud assets, over 200 industry cloud solution blueprints and a thriving community of cloud business and technology practitioners to drive increased business value. With Infosys Cobalt, regulatory and security compliance, along with technical and financial governance comes baked into every solution delivered.

For more information, contact askus@infosys.com

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Navigate your next

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