

## Accelerate and Empower Your Business With a Comprehensive Hybrid Cloud Solution

NTT DATA Hybrid Cloud Services for Microsoft Azure Stack

### Benefits:

- **Accelerate time to market**  
Embrace agility and innovation, elastic scalability and future-proof business models.
- **Cost reduction**  
Evaluate operating expense (OpEx) versus capital expenditure (CapEx) to flexibly reduce total cost of ownership.
- **Security and compliance**  
Improve security by hosting sensitive assets on-premises and using custom policies.
- **Better integration**  
Reuse existing investments, bringing old and new closer to each other while saving costs.

### Do you need a hybrid cloud solution that grows with your company?

With NTT DATA Hybrid Cloud Services for Microsoft Azure Stack, you get proven cloud expertise from certified and trained engineers who have deep experience in the latest cloud technologies. We constantly build on our long track record of delivering successful, integrated cloud solutions — tailored to specific industries and business needs — using industry trends and our experiences gained from client to client.

### Choose a proven provider with industry expertise

That's why we've built a world-class center of excellence that focuses on public and private cloud solutions, as well as virtualized and physical environments. With NTT DATA, you get access to one practice that delivers and supports multiple platform technologies, hosting options and business needs, based on best practices for cloud infrastructure and management.

NTT DATA Hybrid Cloud Services for Microsoft Azure Stack can help you explore, transform and execute the true benefits of hybrid cloud (see Figure 1). Our experts align your business needs with your technical requirements, designing, building and deploying a solution to meet your unique goals, and then help you manage the new infrastructure effectively. We can also develop cloud-native applications or train your team in adopting DevOps practices to get the most from your Azure Stack.

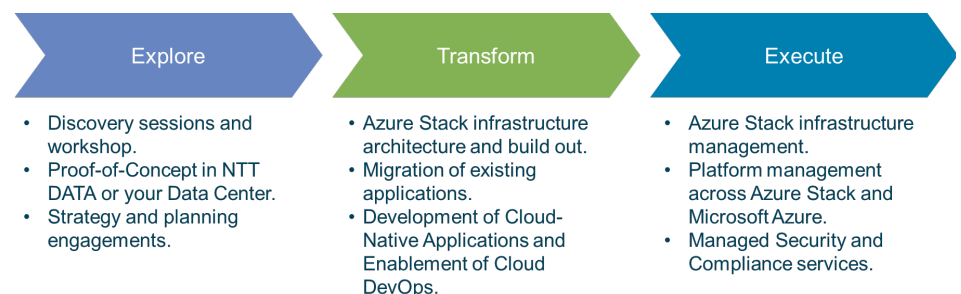


Figure 1: Our Azure Stack Services provide an end-to-end solutions portfolio

# NTT DATA Hybrid Cloud Services for Microsoft Azure Stack

## Adopt cloud on your terms

- Implement Azure on-premises and prepare for future public cloud adoption.
- Plan big while starting small.
- Reuse existing infrastructure investments.
- Integrate existing legacy applications.
- Transform your business while preserving continuity.

## Reduce risks and future proof

- Embrace a cloud-inspired architecture and start building modern applications.
- Take advantage of a consistent development model and enables a “build once, deploy anywhere” paradigm.
- Support multiple operating systems and development platforms.
- Syndicate the Azure Marketplace and access a wide spectrum of third-party images and scripts.

## Optimize infrastructure costs

- Switch from CapEx to OpEx and take advantage of flexible cost management.
- Adopt a pay-per-use consumption model.
- Reduce management costs with the Azure Stack integrated software and hardware model.
- Gain total visibility into all usage costs across public Microsoft Azure Stack and our custom Azure Stack.

## Increase availability and scalability

- Allocate infrastructure with total oversubscription control.
- Build for custom performance requirements and future scalability by adding scale units and regions.

- Use Microsoft Azure ExpressRoute for dedicated low latency, high-throughput connections.
- Monitor and manage infrastructure and capacity lifecycle through the portal.

## Gain unprecedented security and compliance

- Control performance and security with your own piece of Microsoft Azure in a box.
- Achieve compliance on platform and applications levels with pre-certified Azure Stack hardware.
- Maintain your security and compliance standards with a solution that resides inside your data center.
- Conform with Health Insurance Portability and Accountability Act, Payment Card Industry, FedRAMP and other regulations with an out-of-the-box auditing trail.

## Simplify IT infrastructure management

- Gain insight into all Azure Stack infrastructure, including networking, compute and storage, with a unified self-service portal.
- Monitor and track usage through the portal or application programming interfaces (APIs) in one uniform way across the cloud infrastructure.
- Integrate with IT management tools and third-party providers.

## Implement agile infrastructure

- Take advantage of an infrastructure-as-code model.
- Script, export and rapidly deploy environments.
- Use automation and agile DevOps tools.

### Key use cases



Edge and disconnected scenarios



Meet every regulation



Modern applications across cloud and on-premises

## Modernize application development processes

- Adopt an agile software development lifecycle (SDLC) with continuous deployment and integration.
- Integrate DevOps into the lifecycle, creating reusable Azure Resource Manager templates, as well as automated builds, tests and deployments.
- Use decentralized source code repository protocols like Git with a provider of your choice, such as Microsoft Visual Studio, GitHub or Bitbucket.

## Create cloud-native applications

- Design and build for cloud and on-premises.
- Use modern cloud platform-as-a-service capabilities, such as API apps, web apps, mobile apps, functions, queues and web jobs.

- Store data in SQL Server or MySQL.
- Create flexible microservices architectures that scale with your business.
- Design future-proof applications that get the most out of the Azure Stack capabilities.

## Move across platforms

- Support multiple OS and development platforms, including Linux, Java, NodeJS and PHP.
- Use cross-platform development and SDLC tools.
- Use container services like Kubernetes, Docker and Swarm.
- Download and deploy third-party solutions from the Azure Marketplace.

Visit [nttdataservices.com](https://nttdataservices.com) to learn more.

NTT DATA Services partners with clients to navigate and simplify the modern complexities of business and technology, delivering the insights, solutions and outcomes that matter most. As a division of NTT DATA Corporation, a top 10 global IT services and consulting provider, we wrap deep industry expertise around a comprehensive portfolio of infrastructure, applications and business process services.

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