



# Experience True Hybrid Cloud

Avanade Solution for Microsoft Azure Stack

Enterprises that embrace cloud technologies discover that they must deploy both public and private cloud solutions to meet specific business needs. Often this means supporting multiple technologies and duplication of effort. With Microsoft Azure Stack software, we provide a turnkey solution and help organizations build, run and innovate on private cloud services in a manner that is consistent with the way they would in the public Azure cloud.

### Benefits of the Avanade Solution for Microsoft Azure Stack

- **Meet business and technical requirements**, with the flexibility to choose the right combination of public cloud and private cloud
- **Focus on building applications that differentiate your core business** while consuming managed cloud services deployed in an on-premises environment
- **Gain efficiency in application development, testing and deployment** by leveraging a single development platform and using the applications the same way whether they run on Azure or Azure Stack
- **Increase your ability to meet governance and compliance requirements** while leveraging public cloud technologies in an on-premises deployment

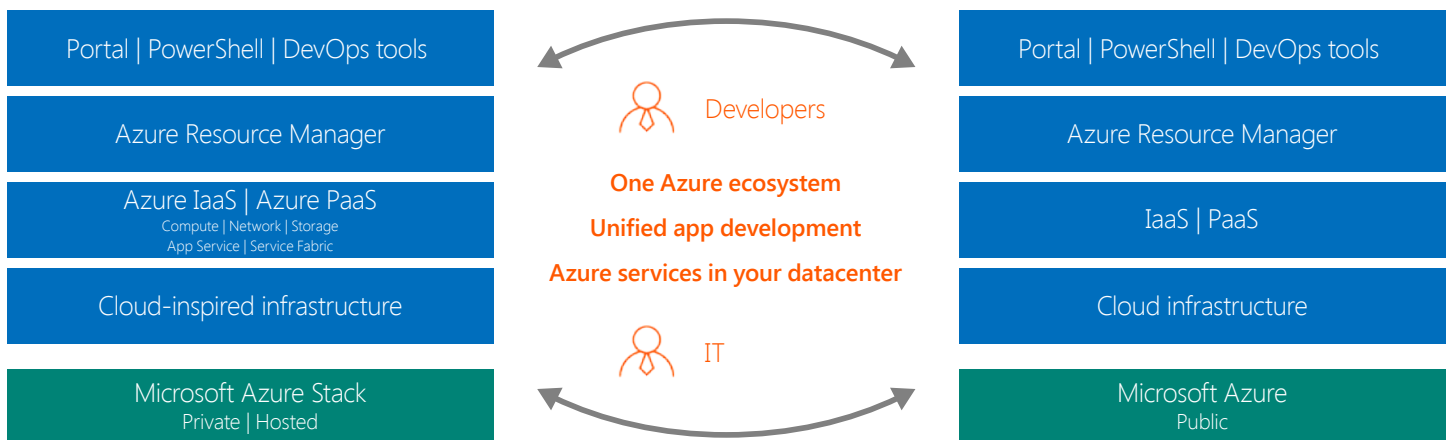
### Why businesses deploy Azure Stack

**Preparing to move to the public cloud:** For many companies, the move to the cloud is imminent but they aren't ready to take that next step. With Azure Stack you can prepare for migration and run applications in a private cloud on-premises and then migrate when the time is right.

**Edge and disconnected solutions:** Address latency and connectivity requirements by processing data locally in Azure Stack and then aggregating in Azure for further analytics, with common application logic across both.

**Modern applications across cloud and on-premises:** Apply Azure web and mobile app services, containers, server-less and microservice architectures to update legacy applications with Azure Stack, while using a consistent DevOps process across on-premises and cloud.

**Cloud applications that meet every regulation:** Develop and deploy applications in Azure, with full flexibility to deploy on-premises with Azure Stack to meet regulatory and policies requirements, with no code changes needed.



Consistent experience to build, run and innovate on cloud

## What is the Avanade Solution for Microsoft Azure Stack?

Avanade provides a turnkey, managed Azure Stack solution. Through a single provider, you get a Microsoft certified hardware platform, Azure Stack software setup and configuration, a hybrid cloud foundations workshop, and then we run and manage it for you. The solution can be deployed on-premises, in a third-party location or hosted in Avanade's data centers. Azure Stack enables a true hybrid IT cloud model by allowing companies to deploy Azure-consistent functionality in a private environment.

### Enterprises must embrace cloud to keep pace with business demands

In a recent [Avanade IT modernization study](#), nearly two-thirds (65%) of respondents agree that conventional systems and approaches in use today are not fit for purpose for meeting the emerging requirements of the digital business. CIOs realize they need to take a cloud-first approach to their IT systems, but the public cloud may not be the right solution for all applications. In that same study, respondents indicated that over the next three years organizations will move more and more from on-premises to cloud (IaaS from 14% today to 30%, and PaaS 8% today to 25%), creating a hybrid IT world. To date, this has meant deploying multiple platforms as it has never been possible to deploy public cloud technology on-premises.

*87% of respondents agree that their organization is planning to implement vendor-provided cloud stacks (such as Microsoft Azure Stack) to integrate their on-premises data center with the public cloud.\**

*Over the next three years organizations will move more and more from on-premises to cloud (IaaS from 14% today to 30%, and PaaS 8% today to 25%), creating a hybrid IT world.\**

### Public cloud options may drive private cloud adoption

One of the most basic challenges of leveraging public cloud technologies is getting access to the cloud itself. Some organizations find themselves operating in areas where latency and connectivity issues prevent them from using public cloud applications. Other organizations have found that their governance and compliance requirements can't be met with a public cloud solution. For those forced into a private cloud solution, the options available to date have been complex to deploy and manage. Additionally, they lacked a consistent API, development tools and processes. This means that businesses wanting to deploy cloud technology on-premises would duplicate efforts to support applications on the public cloud and on-premises.

### The Avanade Solution for Microsoft Azure Stack

As a global systems integrator and managed services provider, Avanade offers a solution that delivers hybrid cloud, not just hardware. We bring the expertise, people and services to better optimize and manage this new environment once it's deployed. As a result, businesses can focus on innovation rather than building and managing their own cloud computing platform.

["IT Modernization: Critical to digital transformation,"](#) Avanade, 2017

Capabilities	Benefits
<b>Microsoft certified hardware designed for optimal performance</b>	The Avanade hardware platform delivers: <ul style="list-style-type: none"><li>• Hyperconverged commodity hardware with high node density to maximize value</li><li>• Flexible configuration options to address specific client needs</li><li>• Azure Stack adjacent storage options to meet complex requirements</li></ul>
<b>Hybrid cloud foundations workshop to uncover your specific needs</b>	Through this workshop we will: <ul style="list-style-type: none"><li>• Provide you with a basic understanding of Azure Stack infrastructure services and features</li><li>• Document high-level design infrastructure decisions, providing starting points for future implementation</li><li>• Provide a better understanding of the cloud operating model and governance necessary for a successful Azure Stack implementation</li></ul>
<b>Azure Stack setup and configuration services to get you up and running</b>	Setup and configuration services include: <ul style="list-style-type: none"><li>• Conduct and coordinate all aspects of hardware installation from unboxing to fully tested with connectivity</li><li>• Configure all tools to enable monitoring and management of the platform</li><li>• Install, configure and customize application in preparation for production</li></ul>
<b>Avanade Cloud Transformation services to enable your business to innovate on the cloud</b>	Once your Azure Stack infrastructure is in place, we will help you: <ul style="list-style-type: none"><li>• Understand and choose the right cloud approach with portfolio assessments and pilot migrations</li><li>• Modernize applications that enhance the scale, cost and flexibility of the cloud, while still retaining control and extending the value of existing systems</li><li>• Standardize and consolidate your IT infrastructure and help strengthen governance and reduce risk</li></ul>
<b>Managed solution to deliver optimal performance</b>	Avanade managed services will provide you with: <ul style="list-style-type: none"><li>• Service delivery management through a single point of contact responsible for reporting and governance of the solution</li><li>• Monitoring of the environment to collect, aggregate, filter and analyze key data for the purpose of service management</li><li>• Proactive and reactive service management to provide patching and maintenance of the environment to deliver optimal performance</li><li>• Standard reporting made available to you through the ServiceNow dashboard</li><li>• Avanade's Azure billing solution to help you keep track of your Azure and Azure Stack consumption</li></ul>

## For more information

Adopting cloud technologies makes you more agile, efficient and innovative without the burden of managing infrastructure. Microsoft Azure Stack provides an Azure-consistent experience in an on-premises solution so you can get the benefits of cloud technologies and move to the cloud at your pace. Learn more about how the Avanade Solution for Microsoft Azure Stack can enable you to take advantage of public cloud technology in an on-premises solution. [www.Avanade.com/AzureStack](http://www.Avanade.com/AzureStack)



### About Avanade

Avanade is the leading provider of innovative digital and cloud-enabling services, business solutions and design-led experiences, delivered through the power of people and the Microsoft ecosystem. Majority owned by Accenture, Avanade was founded in 2000 by Accenture LLP and Microsoft Corporation and has 30,000 professionals in 24 countries. Visit us at [www.avanade.com](http://www.avanade.com)

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