



## Microsoft Azure Stack

Microsoft Azure Stack extends Azure services and capabilities to an environment of the client’s choice from the datacenter to edge locations and remote offices. Azure Stack allows them to build, deploy, and run hybrid and edge computing apps consistently across their IT ecosystem, with flexibility for diverse workloads.

### WWT Delivers Microsoft Azure Stack HCI

The newest member of the Azure Stack Family, Azure Stack HCI brings enterprise scale and flexibility to the Azure hybrid portfolio. Based on Hyper-V and hardware solutions from an ecosystem of best in class providers, Azure Stack HCI enables customers to host workloads locally to their DC or branch/edge while taking advantage of native Azure integrations such as Azure Site Recovery (ASR) and Azure Kubernetes Service (AKS). WWT’s Azure Stack HCI services build on the foundation Microsoft provides and incorporates our experience and third-party best in class partner solutions to provide a comprehensive pathway to a successful implementation.

Microsoft Azure Stack HCI use cases:

<b>Branch and Edge Solutions</b>	<b>Scalable, Enterprise Hybrid Cloud</b>	<b>Cloud Managed Kubernetes</b>
<p>When scale and high availability are required at the branch or edge location, Azure Stack HCI provides a lightweight, but robust solution: Compute, networking, and storage in a singular solution, all managed by Azure. Azure Stack HCI can be deployed as small as 2 nodes while taking advantage of native Azure solutions like Azure Kubernetes Service and Azure Arc.</p>	<p>For most customers, a journey to Azure will continue to include an on-prem datacenter. Azure Stack HCI provides an enterprise grade, highly scalable, and highly performant HCI environment enabled with best of breed cloud solutions from Azure. Azure Stack HCI provides customers a footprint to continue running traditional virtualized workloads in the datacenter while taking advantage of Azure capabilities (such as Azure Site Recovery) and preparing to a seamless Azure migration when the time is right.</p>	<p>Azure Kubernetes Service provides a best of breed managed Kubernetes offering and Azure Stack HCI makes it available anywhere! AKS enables consistent, managed Kubernetes across Azure, a customer’s Datacenter, and the edge. This allows applications to run where they’re most effective: closest to the business, closest to the customer, closest to the manufacturing plant, or all of the above!</p>

## WWT's Approach

As a Microsoft Gold Partner, WWT has a team of Microsoft certified experts ready to deliver production ready Azure Stack Hub systems. The process is divided into three phases: Discover, Design & Deploy. These phases serve to capture all relevant environment information to design and implement an end-state solution that exceeds customer expectations.

### Phase 1: Discover

- Identify use cases
- Environmental planning and readiness
- Develop strategies for deployment and adoption
- Generation of high-level design (HLD)

### Phase 2: Design

- Sizing the correct environment for purpose based on best practices
- Detailed discussions of hardware requirements
- Hardware Procurement
- Agreement on acceptance testing plan (ATP)
- Generation of low-level design (LLD)

### Phase 3: Deploy

- Initial Configuration and Integration
- Pre-Operations Readiness and configurations
- Enable Azure Integrated Services
- Execution of acceptance testing plan (ATP)

## The WWT Difference

With 10+ Microsoft Gold Competencies – including Gold Cloud Platform, Data Center, Application Development, Data Analytics and Data Platform, WWT can provide the skills and expertise to push data-driven solutions to the next level.

Additionally, our partnership and deep technical expertise with OEMs like, Cisco, HPE, and Dell allows WWT to deploy complete solutions for our customers.



Gold Cloud Platform  
Gold Datacenter  
Gold Application Development  
Gold Data Analytics  
Gold Data Platform

