

**AZURE
STACK HCI
6-WEEK PROOF OF
CONCEPT**

THE FUTURE STARTS NOW

13K+

Associates

41

Offices

Europe, USA & APAC

12+

Countries

With SoftServe clients

78

**NPS score
(Global)**

10,500+

Engineers

1700+

Certified

Cloud Engineers

ISO

27001: 2013

Standard

30%

CAGR

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GLOBAL NETWORK

13,000+ experts in
41 offices globally



**OUR PEOPLE
MAKE THE DIFFERENCE**

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FEATURED CUSTOMERS



SAMSUNG

cloudera



logitech

BBVA



Nordea

kony DBX



ATLASSIAN



Panasonic



MEDHOST

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SOFTSERVE MICROSOFT OVERVIEW

MICROSOFT GOLD PARTNER

Partner since **2004**

MICROSOFT PRACTICE

- **2** Microsoft MVPs
- **500+** Satisfied Customers
- **1,000+** Delivered Projects
- **1,200+** Microsoft Certified Professionals
- **150+** Azure Certified Professionals

PROGRAM PARTICIPATION

- ECIF Eligible
- AMMP Eligible
- AAAP Eligible
- Solution Assessment Partner (UAE only)
- **14** Co-sell Marketplace Offerings

 Infrastructure Azure	 Data & AI Azure Specialist Analytics	 Data & AI Azure Specialist Kubernetes on Azure
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3X SOLUTION AREAS

- Data & AI
- Digital & App Innovation
- Infrastructure

2X ADVANCED SPECIALIZATION

- Kubernetes on Azure
- Analytics on Azure

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SOFTSERVE CTO ORG

CENTERS OF EXCELLENCE



RESEARCH & DEVELOPMENT

- R&D Innovation
- Feasibility Study
- R&D as a Service
- Deep Tech Research
- Advanced AI



EXPERIENCE DESIGN

- Design Thinking
- Design Research
- Design Strategy
- Product Design
- Service Design
- Design Ops



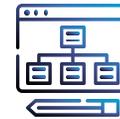
SOLUTIONS

- Digital Strategy
- Business Analysis
- Product Management
- Architecture
- Performance Testing



INTELLIGENT ENTERPRISE

- Big Data
- Data Science, AI/ML, MLOps
- IoT
- Robotics
- Extended Reality (AR / VR / MR)
- GDPR
- Blockchain
- Technical Due Diligence



PLATFORMS

- Salesforce
- Sitecore
- MS Dynamics
- AEM
- EPiServer
- MuleSoft
- Magento
- Dell Boomi
- Shopify
- Drupal



CRITICAL SERVICES

- Cloud & DevOps
- Security & Governance
- Operations Support
- Application Support



INNOVATION

- Innovation Strategy
- Innovation Platform

CLOUD EXPERTISE HIGHLIGHTS

900+
Cloud-Based
Solutions
Engagements

3000+
Cloud Experienced
Professionals

1000+
Engineers with
cloud-related
certification

100+
Hyper-Converged
Projects

150+
Data Cloud
Experts

10 YEARS

PROVEN DELIVERY OF CLOUD-BASED SOLUTIONS

300+ BUSINESS ANALYSTS

- Consultants
- Business Analysts
- Usability Experts
- Project Management
- Project Managers

3000+ TECHNOLOGISTS

- Cloud Enterprise Architects
- Data Architects
- QA Engineers
- DevOps
- Technical Support

150+ STRATEGISTS AND DESIGNERS

- Digital Strategists
- Subject Matter Expertise
- Program Managers
- Experience Design and Usability
- Visual Designers



aws partner network

Premier Consulting Partner

- Migration Competency
- Data & Analytics Competency
- DevOps Competency
- SaaS Competency
- Financial Services Competency



Gold
Microsoft
Partner

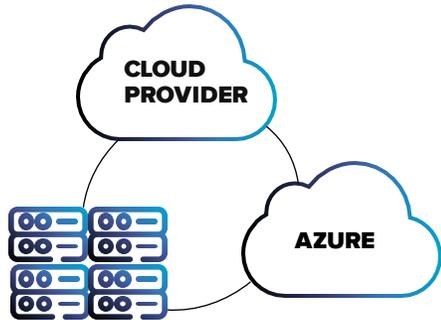


Premier Partner
Google Cloud

- Infrastructure
- Machine Learning
- IoT
- Migration competency

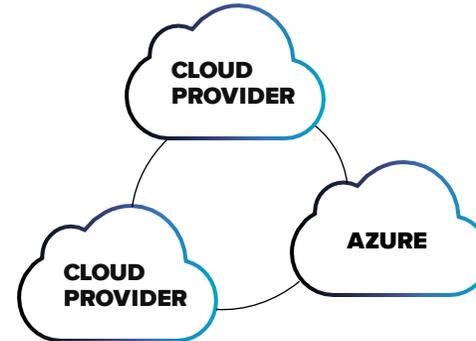
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CLOUD EXPERTISE HIGHLIGHTS



HYBRID CLOUD

Type of cloud computing that combines a private cloud (on-premises infrastructure) with a public cloud



MULTICLOUD

Type of cloud computing that refers to the use of multiple cloud computing services from more than one cloud provider (including private and public clouds) in a heterogeneous environment

HYBRID, EDGE & MULTICLOUD

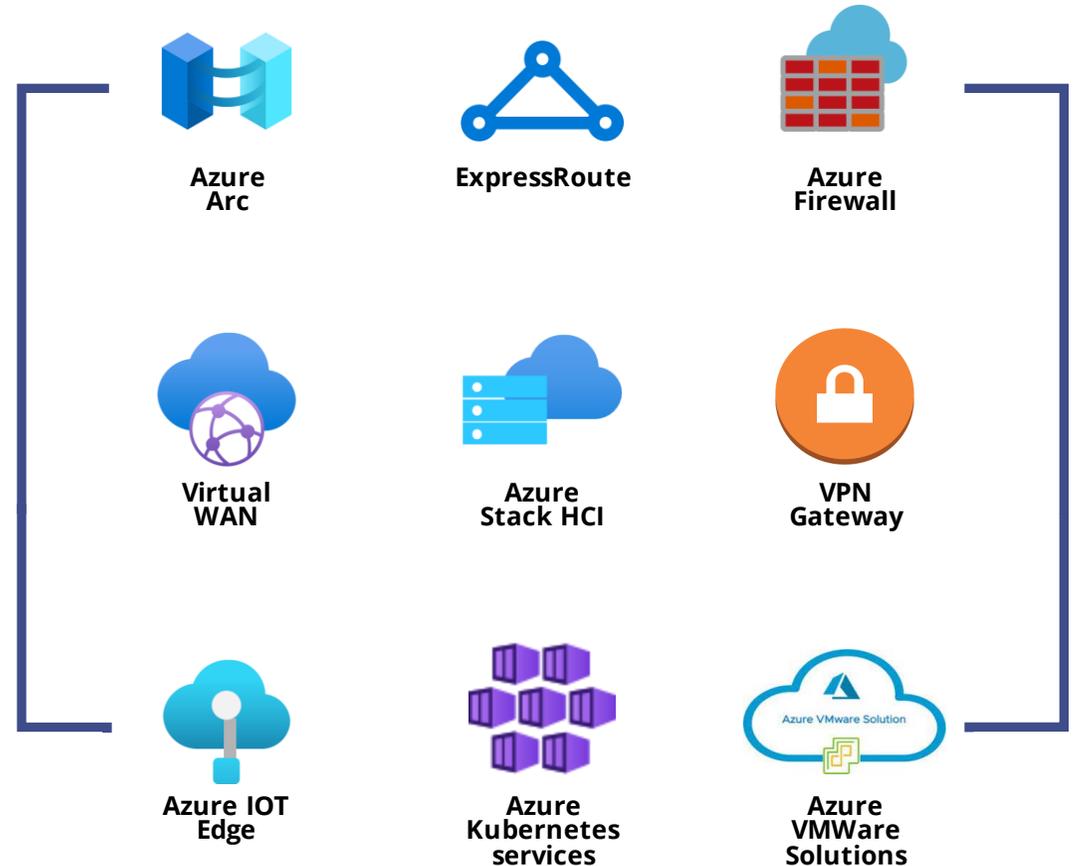
Cloud-managed edge computing devices bring the computing power of the public cloud to the private cloud.

Working with this direction, you can leverage the **power of new services:**

- Azure Arc
- Azure Stack HCI
- Azure VMware Solution

WE PROPOSE:

- PoC and workshops
- Design and implementation of hybrid solution
- Building a multicloud strategy
- Integrating Azure hybrid services



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HYBRID & MULTICLOUD MOTIVATION

**PRODUCT
MIGRATION &
MODERNIZATION**



**BUSINESS
CONTINUITY**



**SAFE
INNOVATIONS**



**PERFORMANCE
MAXIMIZATION**



HYBRID & MULTICLOUD USE CASES

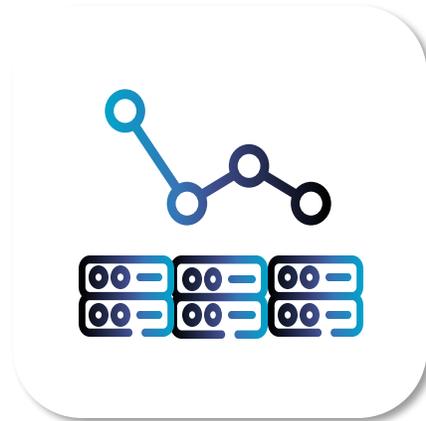
**FLEXIBILITY
TO MOVE
WORKLOADS
ACROSS
PLATFORMS**



**WORKLOADS
RELIABILITY**



**MINIMIZING
DEPENDENCY
ON PLATFORM**



**COST
EFFICIENCY**



**WORKLOADS
TIERS
SEGREGATION**



ABOUT AZURE STACK HCI

Hyperconvergence is an IT framework that unifies computing, storage, networking, and advanced management capabilities into a single system to minimize data center complexity and increase scalability.

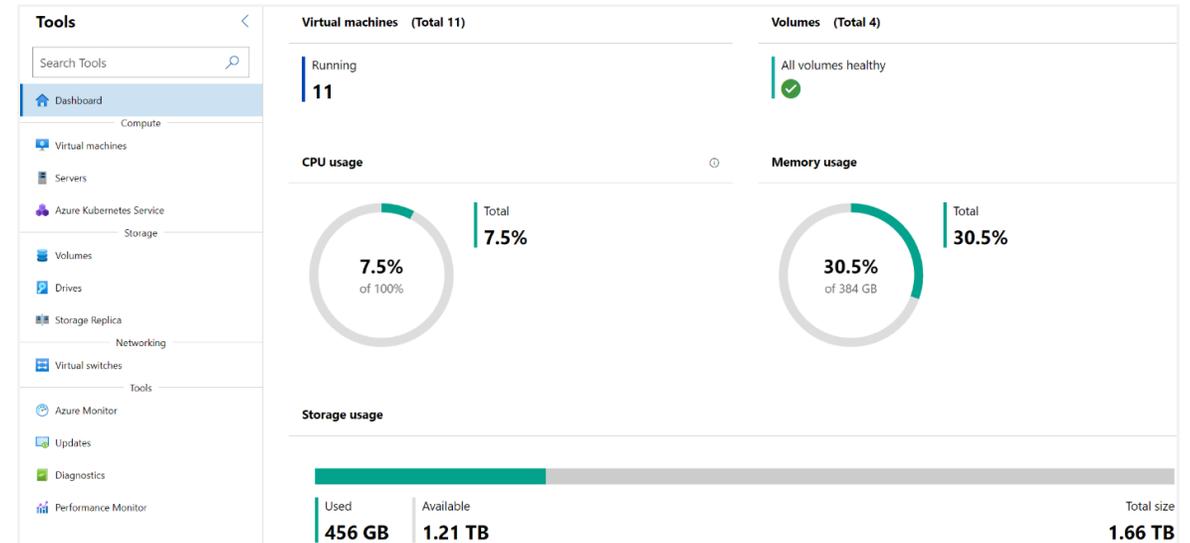
Azure Stack HCI is a hyperconverged infrastructure (HCI) cluster solution that hosts virtualized Windows and Linux workloads and their storage in a hybrid environment that combines on-premises infrastructure with cloud services.

At the end of the engagement, the customer can expect the following outcomes:

- Revealed Azure Stack HCI concepts and use cases
- Installed Azure Stack HCI, including dependencies
- Configured Azure Stack HCI cluster main features
- Enabled Azure cloud integration services
- Deployed and validated PoC workload

AZURE STACK HCI PROOF OF CONCEPT

- **Reviewing** benefits, concepts, and use cases of Azure Stack HCI
- **Installing** dependencies and Azure Stack HCI
- **Configuring** Azure Stack HCI main features
- **Enabling** Azure cloud integration services
- **Deploying & validating** the client's PoC workload on Azure Stack HCI



BEST PRACTICES TO DRIVE HYBRID CLOUD DEPLOYMENT

ORGANIZING



**UPDATING
MANAGEMENT**



**LOGGING AND
MONITORING**



COMPLIANCE



SECURITY



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IMPLEMENTATION APPROACH

INTRODUCTION & PREPARATION

WEEK 1

- Overviewing benefits, concepts, main features, and use cases of the Azure Stack HCI
- Overviewing Azure cloud integration services
- Reviewing PoC workload's capability to be deployed to the HCI cluster
- Assessing infrastructure readiness to install Azure Stack HCI
- Configuring Azure Stack HCI hardware

INSTALLATION

WEEK 2-3

- Installing & configuring dependencies and prerequisites
- Installing Azure Stack HCI OS
- Setting up Azure Stack HCI Cluster

CONFIGURATION

WEEK 4-5

- Configuring Azure Stack HCI Cluster & enabling main features
- Preparing Azure cloud to integrate with the HCI cluster
- Enabling Hybrid cloud features

WORKLOAD DEPLOYMENT

WEEK 6

- Creating & configuring computing, storage volumes, and networking
- Deploying PoC workload to the HCI cluster
- Validating PoC workload

**FOR
THE
FUTURE**

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