

# Accendi il potere dell'ibrido - Come migrare al cloud secondo le necessità aziendali

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- **1999** Siemens and Fujitsu joined their forces and this led to the founding of the Fujitsu Siemens Computers, manufacturer of IT technologies
- **2009** Fujitsu Technology Solutions is formed, 100% owned by Fujitsu, it became a reference player in the IT market for Products & Services
- **2019** the Marperger group takes over 100% of the share package of the Italian branch of Fujitsu , that became FINIX Technology Solutions
- **TODAY** FINIX is acting to be a **hub of innovation** for Digital Transformation supporting PA , large Enterprises and SMBs

**FINIX**  
TECHNOLOGY SOLUTIONS

EXCLUSIVE  
PARTNER  
OF FUJITSU



**Fujitsu**  
Infrastructure  
solutions

**FINIX**  
Consulting

Solution &  
Services  
(IMSP)

We enable the Digital Transformation of the Public Administration, of large and smaller companies in Italy, acting as an **Innovative Managed Services Provider**

# Gianni Vagnoli

*Senior Technical Sales Engineer, Finix Technology Solutions*

# Business needs meeting technology improvements



## Business Challenges



Improve agility  
to be competitive



Contain or  
reduce IT budgets

## Software-Defined Infrastructure



Enables speedier and  
flexible resource provisioning



Allows to run infrastructure  
with less OPEX

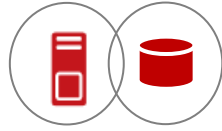
A software-defined infrastructure best supports a more business-centric IT approach

# Data Center Architecture in Transition



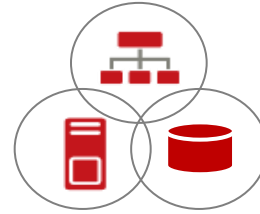
Software-defined  
Compute

Server Virtualization



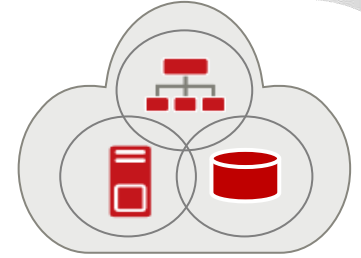
Software-defined  
Compute & Storage

Hyper-Converged IT



Software-defined  
Compute & Storage  
& Networking

Software Defined  
Data Center

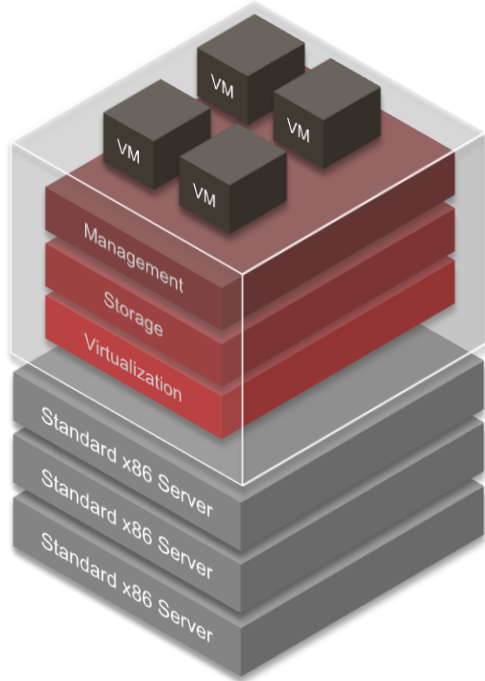


Software-defined Compute &  
Storage  
& Networking & Cloud

Hybrid Cloud

# Focus on Hyper-Converged Infrastructure (HCI):

## The ideal deployment model for a SDDC

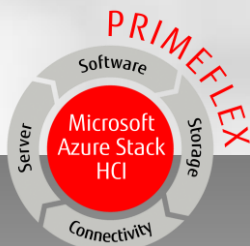


Infrastructure with a modular and software-centric architecture that tightly integrates compute, storage, networking and virtualization resources and other technologies in a single x86-based system

- Consolidation - less components, space, energy and cooling
- Simple management - less admin efforts, less required skill
- Elastic, linear, non-disruptive scalability - grow as you go
- High performance - low latency storage

Provides the flexibility and operational efficiency that business demands from IT

# Introducing PRIMEFLEX for Microsoft Azure Stack HCI



## Integrated system including ...

High-performance and energy-efficient Fujitsu hardware stack

Microsoft software-defined compute and storage

Range of certified server configurations

End-to-end infrastructure support services with single point of contact

The fast track to your Microsoft hyper-converged infrastructure



# Challenges in building the hardware foundation for HCI

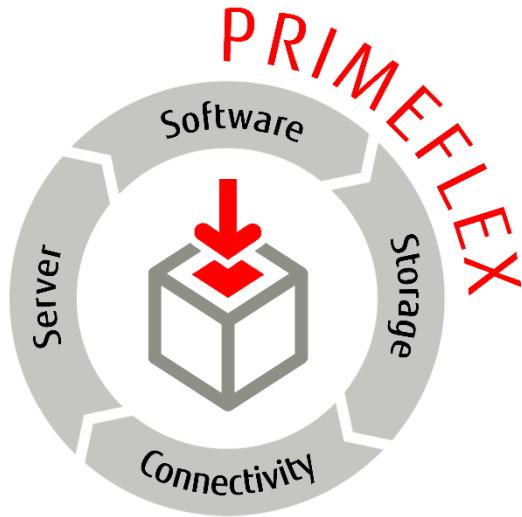
Which components fit best to our individual use case?

Do we have the staff resources to design, test and deploy?

<b>CPU</b>	<b>Memory</b>	<b>HDD</b>	<b>SSD</b>	<b>SAS-Controller</b>	<b>LAN-Controller</b>

DIY (Do-it-Yourself) can be error-prone, time-consuming, risky, expensive

# Integrated Systems PRIMEFLEX: Benefits



## **Drive Simplicity –**

Avoid trial and error testing

## **Save Time –**

Reduce design, integration and deployment efforts

## **Reduce Risk –**

Guarantee component compatibility and overall functionality

## **Increase Efficiency –**

Reduce maintenance efforts

## **Save costs –**

CAPEX and OPEX

Reduce complexity, time, risk and costs - focus on business

Businesses are increasingly hosting applications in the public cloud. And yet, datacenters are here to stay at many organizations, because cloud hosting isn't always the best option for all virtualized workloads.

To support on-premises workloads, many enterprises are embracing hyperconverged infrastructure (HCI), the modern way to deploy servers in datacenters and to remote offices and the edge.



84 percent

of organizations have a multi-cloud strategy.<sup>1</sup>



By 2023, an estimated

70 percent

of enterprises will run hyperconverged infrastructure vs. 30 percent in 2019.<sup>2</sup>

But does HCI by itself address all your problems?

Why HCI doesn't solve all your datacenter headaches



In 2025, 1 in 5 enterprises will still be operating traditional datacenters.<sup>3</sup> Adopting HCI to support your datacenter is the right move, because it can:



Lower costs



Simplify operations



Improve performance and availability

**Wonderful!** But you're still missing out on cloud-native capabilities, and managing your virtualized workloads is harder than it needs to be.

## Azure

Azure Portal, API, IaaS and PaaS, and cloud platform admin tools

Cloud compute, storage, and networking

Azure hardware

## Azure Stack Hub

Hyperconverged compute, storage, and networking

Industry standard hardware

## Azure Stack HCI



On-premises

## Azure Stack Portfolio



### Azure Stack Edge

Machine learning at the edge  
Edge compute and IoT solutions  
Network data transfer to cloud

Single Server via Azure Portal

**Cloud Managed Edge**

Run VMs, containers, and Azure services at edge locations for your new IoT, AI, and business workloads, or migrate your existing workloads



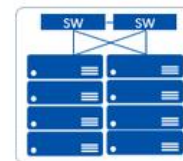
### Azure Stack HCI

Scalable virtualization and storage  
Remote branch office  
High-performance workloads

2+ Servers via Partner

**Hyperconverged**

Run virtual machines (VMs) on hyperconverged systems and use Windows Admin Center to connect to Azure for cloud services.



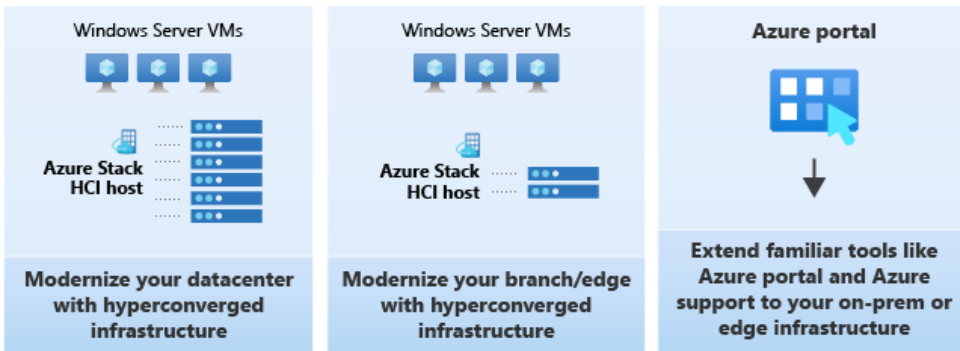
### Azure Stack Hub

Connected and disconnected  
Data sovereignty  
Application modernization

1+ Racks via Hub Partner

**Cloud-native  
integrated system**

Build and run cloud applications using consistent Azure services on-premises to meet regulatory or technical requirements.



## Use Azure Stack HCI for:

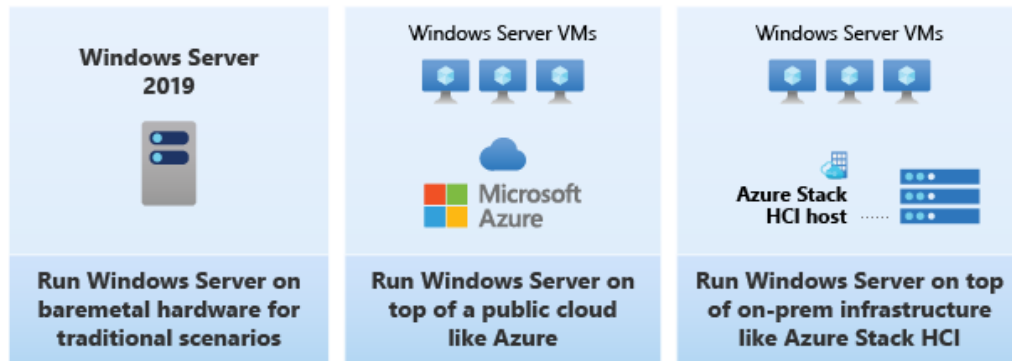
The best virtualization host to modernize your infrastructure, either for existing workloads in your core datacenter or emerging requirements for branch office and edge locations

Easy extensibility to the cloud, with a regular stream of innovations from your Azure subscription and a consistent set of tools and experiences

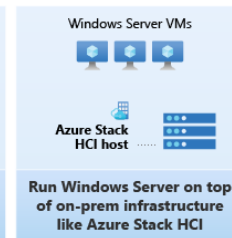
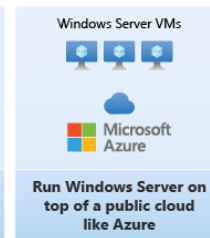
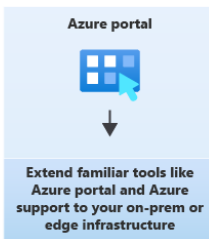
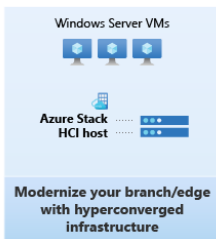
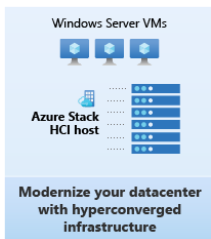
All the benefits of hyperconverged infrastructure: a simpler, more consolidated datacenter architecture with high-speed storage and networking

## Use Windows Server 2019 for:

- A guest operating system inside of virtual machines (VMs) or containers
- As the runtime for a Windows application
- To use one or more of the built-in server roles such as Active Directory, file services, DNS, DHCP, or Internet Information Services (IIS)
- As a traditional server, such as a bare-metal domain controller or SQL Server installation
- For traditional infrastructure such as VMs connected to Fibre Channel SAN storage



Compare technical features		
Attribute	Azure Stack HCI	Windows Server 2019
Core Hyper-V	Yes	Yes
Core Storage Spaces Direct	Yes	Yes
Core SDN	Yes	<a href="#">Yes</a>
Stretch clustering for disaster recovery	Yes	-
4-5x faster Storage Spaces repairs	Yes	-
Integrated driver and firmware updates	Yes (Integrated Systems only)	-
Guided deployment	Yes	Yes ( By Fujitsu R.A. )





# When to Use Azure Stack HCI



Branch office  
and edge



Virtual desktop  
infrastructure



High-performance  
SQL Server



Trusted enterprise  
virtualization



Scale-out  
storage

## Extend on-premises into Azure

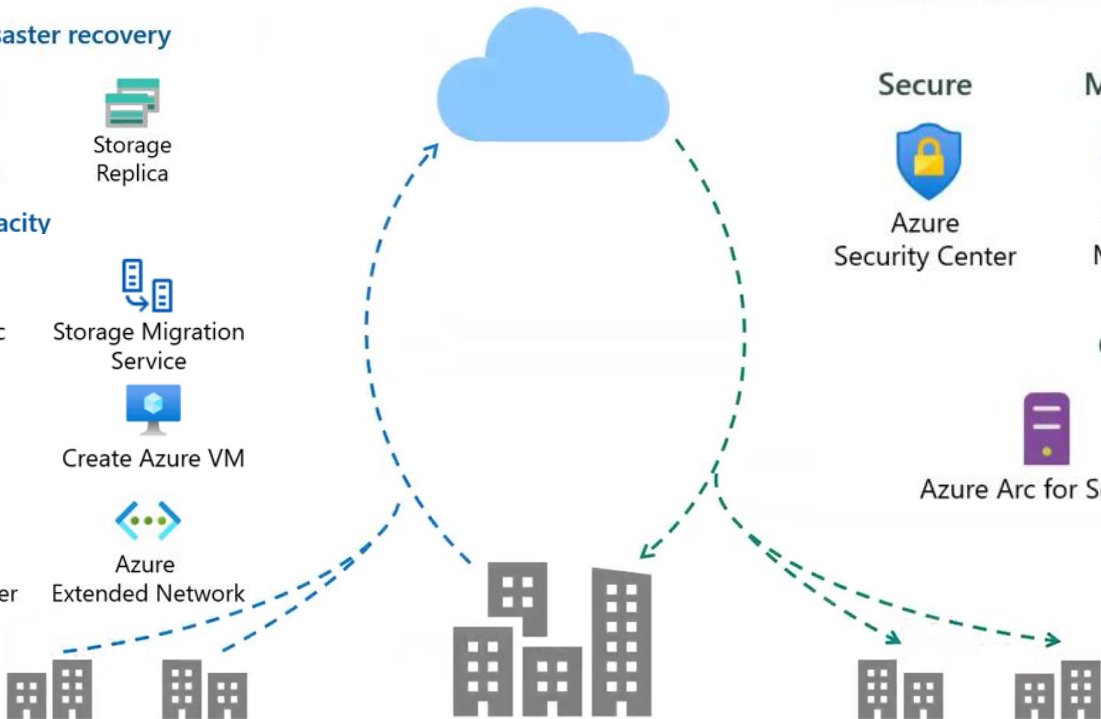
### Business continuity & disaster recovery



### Extend on-premises capacity



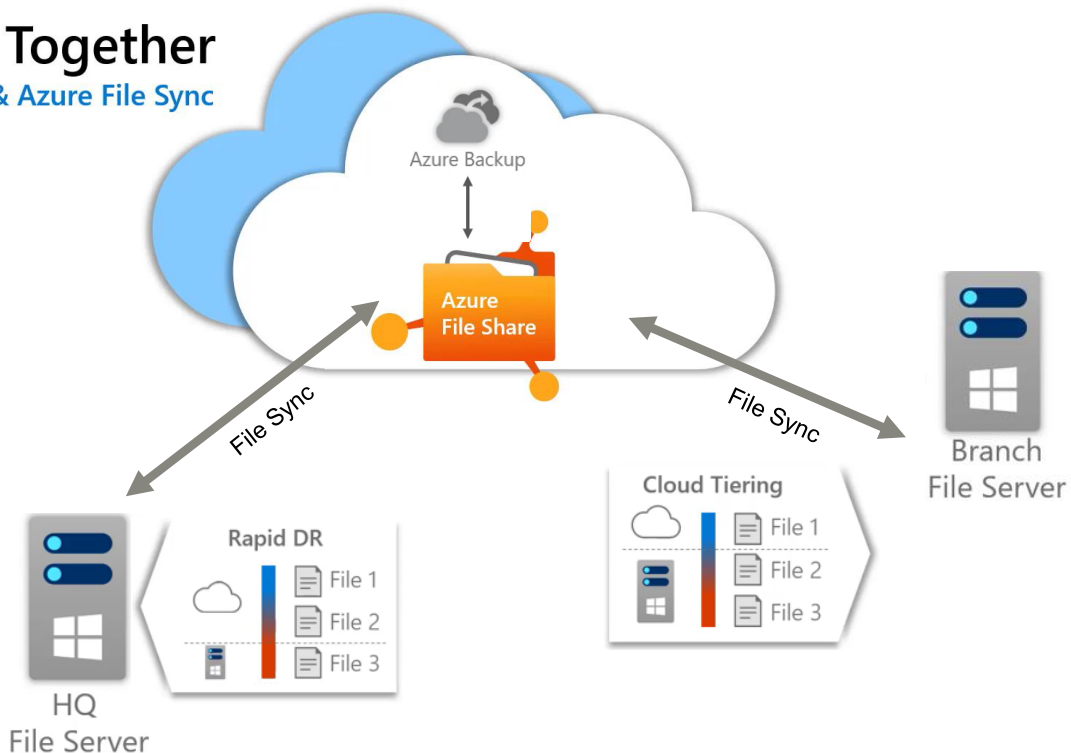
## Centrally manage from Azure



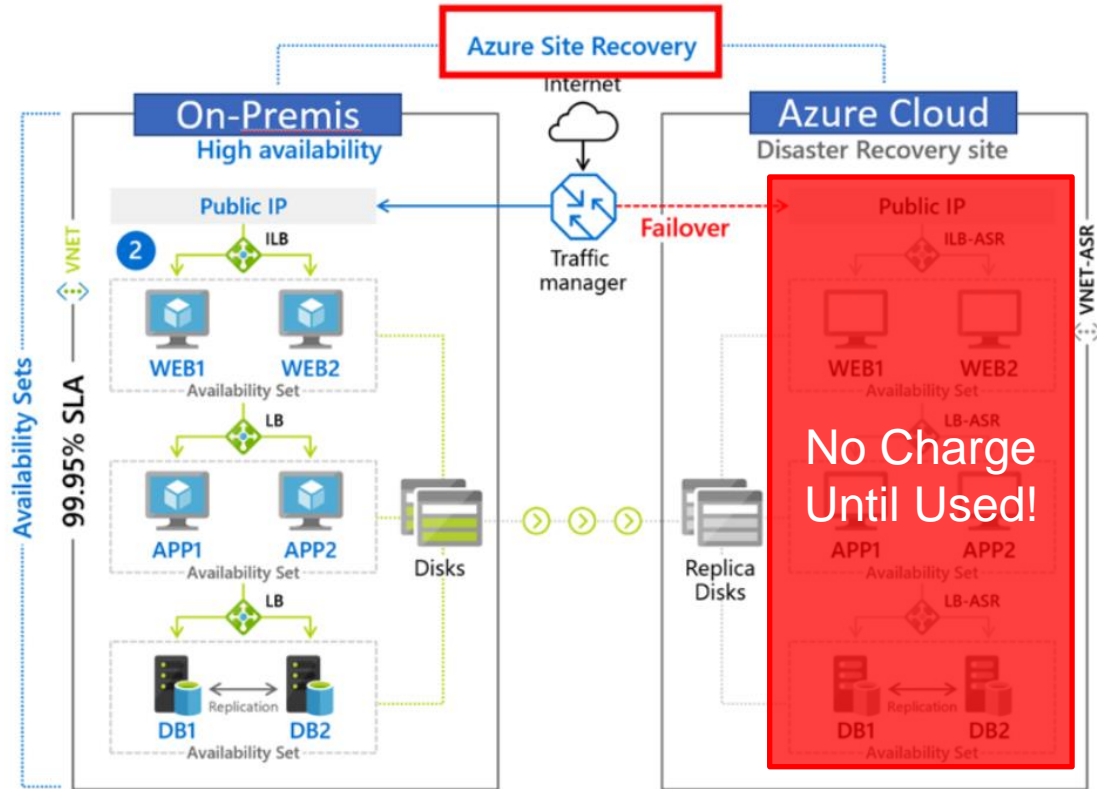
## File Storage Better Together

Windows Server 2019 File Server & Azure File Sync

- Multi-site Sync
- Cloud Tiering
- Cloud Backup
- Disaster Recovery



# Azure Site Recovery overview





## Get started FAST-

From running OS deploy cluster in under 15 minutes



## Store efficiently-

Get 10x more usable storage for free with deduplication and compression



## Unrivaled Performance -

150K+ IOPS per server with micro-second latency



## Save costs -

Reduce storage TCO by up to 50% versus traditional approaches



## Mitigate risk-

Built-in resiliency for multiple component failures - even in 2-node deployments



## Scale to size -

Start small with 2 servers and go up to 16 servers and 4 PB of raw storage



## Simplify management -

New purpose-built management tool for Windows Server - Windows Admin Center

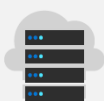


## Simplify path to hybrid IT -

Seamlessly connect to Azure cloud to extend your on-premises deployment



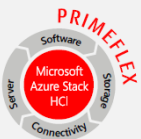
Azure Stack HCI is built on Microsoft Hyper-V, the same hypervisor that powers Microsoft Azure, to deliver efficient server virtualization.



Azure Stack HCI comes with Storage Spaces Direct (SDS), which consolidates all local drives in the infrastructure—whether solid-state devices (SSDs) or hard-disk drives (HDDs)—into a pool of software-defined storage (SDS) that is both fast and resilient.



A third element is Software Defined Networking (SDN), which enables you to centrally create, configure, and manage virtual network devices such as routers, switches, and gateways in your datacenter. As a result, you gain productivity and reduce infrastructure costs.

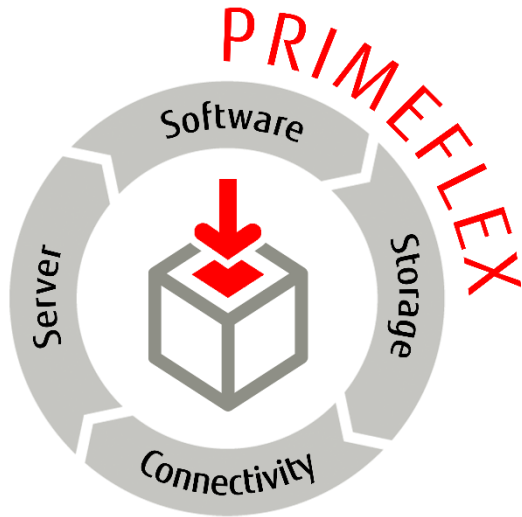


PRIMEFLEX for Microsoft Azure Stack HCI is a validated node hardware from Fujitsu, certified by Microsoft. It's the easiest way to extend your on-premises datacenter to the cloud with Azure Stack HCI.



**Windows Server 2019:**  
The operating system that bridges on-premises and cloud.

# Integrated Systems PRIMEFLEX: Benefits



## Drive Simplicity –

Avoid trial and error testing

## Save Time –

Reduce design, integration and deployment efforts

## Reduce Risk –

Guarantee component compatibility and overall functionality

## Increase Efficiency –

Reduce maintenance efforts

## Save costs –

CAPEX and OPEX

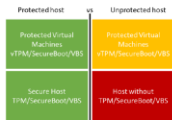
Reduce complexity, time, risk and costs - focus on business

## AZURE STACK HCI: TRUSTED ENTERPRISE VIRTUALIZATION

### Overview of Trusted enterprise virtualization scenario

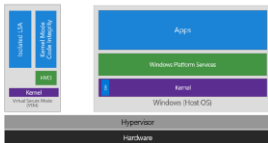
Virtualization-based security (VBS) is a key component of the [security insights in Azure Stack HCI](#) to protect hosts and virtual machines from security threats.

For example, the [Security Technical Implementation Guide \(STIG\)](#) is published as a tool to improve the security of Department of Defense (DoD) information systems, and lists VBS and hypervisor-protected-code-integrity (HVCI) as general security requirements. It is imperative to use host hardware that is VBS and HVCI enabled, in order for the protected workloads on virtual machines to fulfill their security promise because protection of virtual machines is not guaranteed on a compromised host.



VBS uses hardware virtualization features to create and isolate a secure region of memory from the normal operating system. Windows can use this "virtual secure mode" to host a number of security solutions, providing them with greatly increased protection from vulnerabilities in the operating system, and preventing the use of malicious exploits which attempt to defeat protections.

VBS uses the Windows hypervisor to create this "virtual secure mode", and to enforce restrictions which protect vital system and operating system resources, or to protect security assets such as authenticated user credentials. With the increased protections offered by VBS, even if malware gains access to the operating system kernel the possible exploits can be greatly limited and contained, because the hypervisor can prevent the malware from executing code or accessing platform secrets.



### How to deploy VBS and HVCI-enabled Azure Stack HCI

#### 1. Plan Hardware Deployment

All the Azure Stack HCI solutions by Fujitsu are certified for the Hardware Assurance Additional Qualification, which tests for [all the functionality needed for VBS](#). However, VBS and HVCI are not automatically enabled in Azure Stack HCI and Step 2 will guide you on how to enable them.

Warning: Hypervisor-protected code integrity (HVCI) may be incompatible with devices not listed in the [Azure Stack HCI catalog](#). Microsoft strongly recommends using an Azure Stack HCI validated solution from our hardware partners for the Trusted enterprise virtualization scenario.

Fujitsu recommends the PRIMERGY TX1330 M4 tower server system as the best fit for the trusted enterprise virtualization on Azure Stack HCI scenario. Please see below the configuration options that have been certified according to the Azure Stack HCI program.

Hybrid: SSD + HDD	
<b>Server</b>	PRIMERGY TX1330 M4(3.5")
<b>Scalability</b>	2 to 4nodes
<b>CPU</b>	1x Intel Xeon E-2124 or better (4-6cores)
<b>Memory</b>	64GB
<b>Drives</b>	<b>Cache</b>
	<b>Capacity</b>
<b>Network</b>	4-10x 3.5" SSD SAS/SATA (4.0TB per node or higher)
<b>RDMA / TPM 2.0</b>	1x PLAN EP MCX4-LX 25Gb 2p SFP28 LP
<b>HBA</b>	yes / yes Fujitsu PSAS CP400i SAS



## AZURE STACK HCI: VIRTUAL DESKTOP INFRASTRUCTURE

### How to deploy VDI on Azure Stack HCI

#### 1. Supported Configurations

Fujitsu recommends the 2U dual-socket PRIMERGY RX2540 M5 rack server system as the best fit for the virtual desktop infrastructure scenario. Please see below the configuration options that have been certified according to the Azure Stack HCI program.



Type	Hybrid: SSD+HDD	All-Flash: All-SSD	All-Flash: NVMe+SSD
<b>Server</b>	PRIMERGY RX2540 M5(2.5" or 3.5")		PRIMERGY RX2540 M5(2.5")
<b>Scalability</b>		2 to 16 nodes	
<b>CPU</b>		2x Intel Xeon Silver 4208 or better (16-56 cores)	
<b>Memory</b>		64GB to 3TB	
<b>Drives</b>	<b>Cache</b>	2-12x 2.5" or 2-6x 3.5" SSD SAS/ SATA (800 GB per node or higher)	2-4x 2.5" NVMe (3.2 TB per node or higher)
	<b>Capacity</b>	4-22x 2.5" or 4-10x 3.5" HDD SAS/SATA (2.4 TB per node or higher)	4-24x 2.5" SSD SAS/SATA (1.92TB per node or higher)
<b>Network</b>	2x PLAN EP QL41xxx	2x PLAN EP MCX4-LX 25Gb 2p SFP28 LP	
<b>RDMA / TPM 2.0</b>		yes / yes	
<b>HBA</b>		Fujitsu PSAS CP400i SAS	

[www.fujitsu.com/global/pf4ashci](http://www.fujitsu.com/global/pf4ashci)



Step by Step guide to [deploy Azure Stack HCI](#). Also install [Windows Admin Center \(WAC\)](#) for managing Azure Stack HCI.

From Windows Admin Center (WAC), set up **Azure Update Management** can quickly assess the status of available updates, schedule installation of required updates, and review deployment results to verify updates that apply successfully.



- Additionally, you can set up additional Azure hybrid services such as Backup, File Sync, Site Recovery, Point-to-Site VPN, Update Management, and Security Center in WAC.

#### 3. Enable VDI support



## AZURE KUBERNETES SERVICE ON AZURE STACK HCI

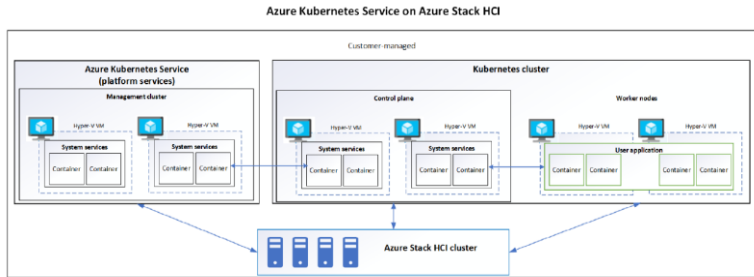


Figure 1 - High-level AKS-HCI Architecture

### AZURE KUBERNETES SERVICE ON AZURE STACK HCI

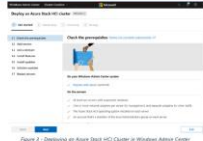


Figure 3 - Checking an Azure Stack HCI Cluster in Windows Admin Center

The wizard will walk you through selecting your nodes, joining the nodes to the domain, installing required roles and features, and updates, before moving on to configuring the physical and virtual networks, clustering and software defined storage. When the wizard is complete, you should see your new cluster in your **All connections** view within Windows Admin Center.

#### Step 4 Prepare Windows Admin Center for AKS-HCI

With your Azure Stack HCI cluster under management of Windows Admin Center, the next step is to add the Azure Kubernetes Service on Azure Stack HCI extension. You would then need to download when you registered for the preview. Place the extension file in a folder on your Windows Admin Center machine, such as C:\AKS-HCI, or on an SMB share accessible to the Windows Admin Center machine. Once the extension file is downloaded, follow the steps in [this document](#).



Figure 4 - Adding the AKS-HCI Extension to Windows Admin Center

#### Step 5 Set up the Azure Kubernetes Service Host

## AZURE STACK HCI: HIGH-PERFORMANCE MICROSOFT SQL SERVER

- Step by Step guide to [deploy Azure Stack HCI](#). Install [Windows Admin Center \(WAC\)](#) for managing Azure Stack HCI.
- Set up Microsoft SQL Server on Azure Stack HCI
  - Set up Windows Server or Linux VM
    - Install [SQL Server on Linux](#)
    - Install [SQL Server on Windows](#)
- Monitoring and performance tuning
  - To ensure performance and health of your Microsoft SQL Server instances on Azure Stack HCI it is important that appropriate [monitoring and tuning](#) is put in place. Additional SQL Server database engine tutorials are included [here](#). For tuning SQL Server 2016/2017 for high performance, the following [recommended practices](#) are provided.

#### How to deploy Microsoft SQL Server on Azure Stack HCI

1. Hardware and OS configuration for Azure Stack HCI  
 Fujitsu recommends the 2U dual socket PREMIER® R32540 M5 rack server system as the best fit for the High-performance Microsoft SQL Server scenario. Please see below the configuration options that have been certified according to the Azure Stack HCI program.

Type	Hybrid SSD/HDD	All Flash All SSD	All Flash With a SSD
Server	PREMIER® R32540 M5 (4 x 2U)	PREMIER® R32540 M5 (4 x 2U)	PREMIER® R32540 M5 (4 x 2U)
Availability	4 x 16 TB HDDs	4 x 16 TB SSDs	4 x 16 TB SSDs
CPU	2x Intel Xeon Silver 4308 (16 Cores)	2x Intel Xeon Silver 4308 (16 Cores)	2x Intel Xeon Silver 4308 (16 Cores)
Memory	2x 64GB DDR4-3200 (128GB)	2x 64GB DDR4-3200 (128GB)	2x 64GB DDR4-3200 (128GB)
Cache	2 x 12.5 GB L3 Cache	2 x 12.5 GB L3 Cache	2 x 12.5 GB L3 Cache
Capacity	4 x 24 TB 7.2K RPM HDDs (96 TB)	4 x 24 TB 7.2K RPM HDDs (96 TB)	4 x 24 TB 7.2K RPM HDDs (96 TB)
Network	2x 25GbE SFP+ ports	2x 25GbE SFP+ ports	2x 25GbE SFP+ ports
BIOS / TPM 2.0	UEFI BIOS	UEFI BIOS	UEFI BIOS
HBA	HyperFlex HBA (16 ports)	HyperFlex HBA (16 ports)	HyperFlex HBA (16 ports)

- High Availability (HA)  
 Azure Stack HCI leverages [Windows Server Failover Clustering \(WSFC\)](#) and can be utilized to support Microsoft SQL Server running in VMs (designed to help with hardware failure). Microsoft SQL Server also offers [Always On availability groups \(AG\)](#) which provides database-level high availability and is designed to help with application and software faults. In addition to WSFC and AG, Azure Stack HCI can also leverage [Always On Failover Cluster Instance \(FCI\)](#) based on using [Storage Spaces Direct](#) technology for shared storage. All of these options can leverage the Microsoft Azure [Cloud witness](#) for quorum control. It is recommended that cluster [AntiAffinity](#) rules in WSFC be leveraged for the VMs to be placed on different physical nodes in order to maintain uptime for SQL Server in the event of host failures when you configure Always On availability groups.
- Set up Azure hybrid services  
[Azure Site Recovery](#) offers business continuity and disaster recovery (BCDR) strategy. [Set up disaster recovery for SQL Server](#) allows organizations to protect the SQL Server back end of an application to help keep your data safe, and your apps and workloads online, when planned and unplanned outages occur.

[Azure Backup](#) supports backing up and restoring Microsoft SQL Server with application consistency. [Install Azure Backup Server](#) to start backup of your on-prem SQL data.

Alternatively, you can also leverage [Azure Blob Storage service for SQL Server](#) to backup and restore to Azure Blob Storage service. This is suitable for off-site archiving. To manage the Azure Blob Storage backups, you can leverage the [Managed SQL Backup](#) feature included in Microsoft SQL Server.

In addition to the backup scenario, you can setup other database services that Microsoft SQL Server (Microsoft SQL Server 2016/2017/2019) offers, connecting to Azure services such as (but not limited to) [Azure Data Factory](#) and [Azure Feature Pack for Integration Services \(SSIS\)](#).

# Why Fujitsu for your Microsoft HCI project



## Fujitsu Server PRIMERGY

Most complete x86-based server portfolio providing excellent virtualization performance and energy-efficiency

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## Fujitsu Data Protection Appliances

Broad range of backup and archiving solutions that perfectly integrate with all PRIMEFLEX systems

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## Fujitsu Infrastructure Manager

Converged, unified management for simplified IT operations

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## Fujitsu license consulting & agreement optimization

Helps maximize investments in MS SW, contain costs and keep compliance

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## Fujitsu Infrastructure Support Services

End-to-end support for Fujitsu Integrated Systems with single point of contact



## Fujitsu experience in MS HCI projects

Range of references demonstrating real-world customer benefits

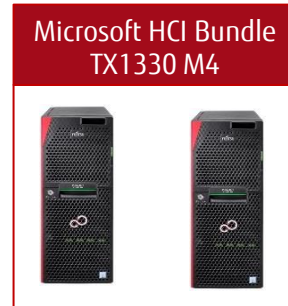
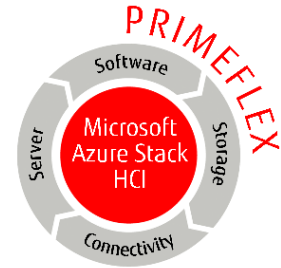
# Special offer: Fujitsu 2-node Microsoft HCI bundles



## Reference architectures for small Microsoft HCI deployments based on PRIMEFLEX for Microsoft Azure Stack HCI

- Provides a highly-available hyper-converged infrastructure at affordable costs
- Cost-optimized design with no external storage systems and LAN switches

HCI  
for under  
20K Euro



Windows Server 2019:  
The operating system that bridges on-premises and cloud.

Most cost-efficient infrastructure foundation for SMB, ROBO and IOT-Edge environments

# Fujitsu Software Infrastructure Manager

## Path to achieving software defined infrastructure



### Simplified IT operations

Converged, unified management across server, storage, networking and 3rd-party devices using a single user interface



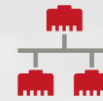
### Increased agility

Intuitive software providing actionable insights leading to reduced customer response time



### Accelerate growth and innovation

Streamlined delivery of IT services to speed the transition to hybrid cloud



23x faster  
troubleshooting

70% less OS  
installation time

90% less time  
for FW updates

50% less power  
consumption

# FUJITSU Data Protection Portfolio - Backup for Integrated System PRIMEFLEX



## Modern Data Management and Protection –

Consolidate and protect data from anywhere, across all platforms



## Automated Backup and Recovery –

Protect everything, granular recovery, deep integration



## Rich Data Lifecycle Management –

Define storage policies, media mix (disk, flash, tape, cloud)



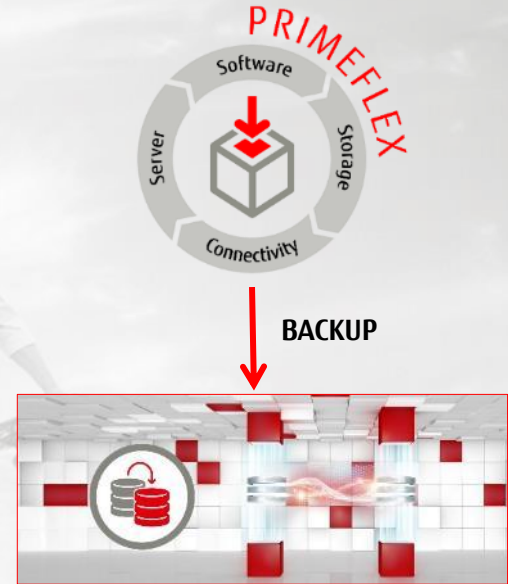
## Efficient Disaster Recovery –

Replication, deduplication, offline & remote backup



## Regulatory Compliance –

Long-term archiving, encryption, analytics, reporting



Protect your business against data corruption, deletion or cybercrime

## Fujitsu SolutionPacks in combination with Hardware and Software Support Packs

Single Point of Contact

Technical Solution Support

Software Support

Hardware Support

Reactive Services

Proactive Services

## Designed to deliver end-to-end support for Fujitsu Integrated Systems

Incident management and Single Point of Contact (SPOC) for support for the entire Fujitsu Integrated System

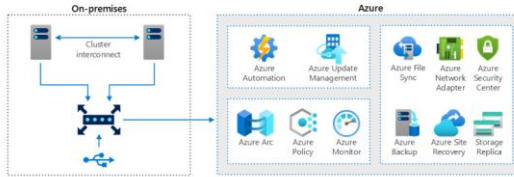
Technical Solution Support (TSS) providing fast access to experts who analyze and identify issues and coordinate failure elimination

Hardware and software support for all released products certified for the respective Fujitsu Integrated System

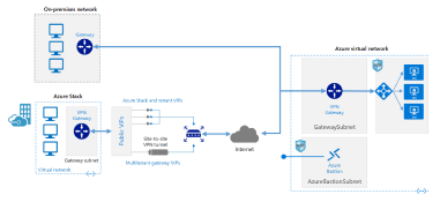
Optional proactive services like technical account management, system health check and patch information management

Reduce support complexity - increase infrastructure availability

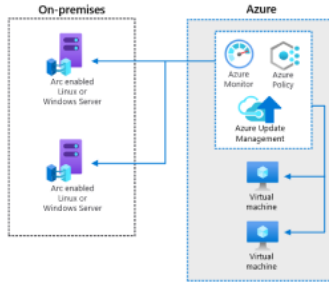
# FINIX Support Services for Azure Stack HCI



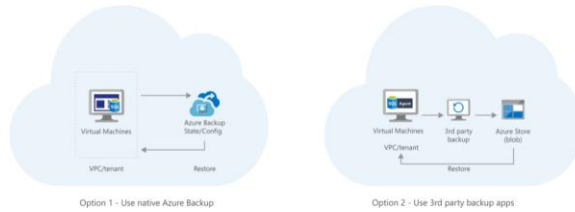
## Azure Stack HCI for Remote Office/Branch Office



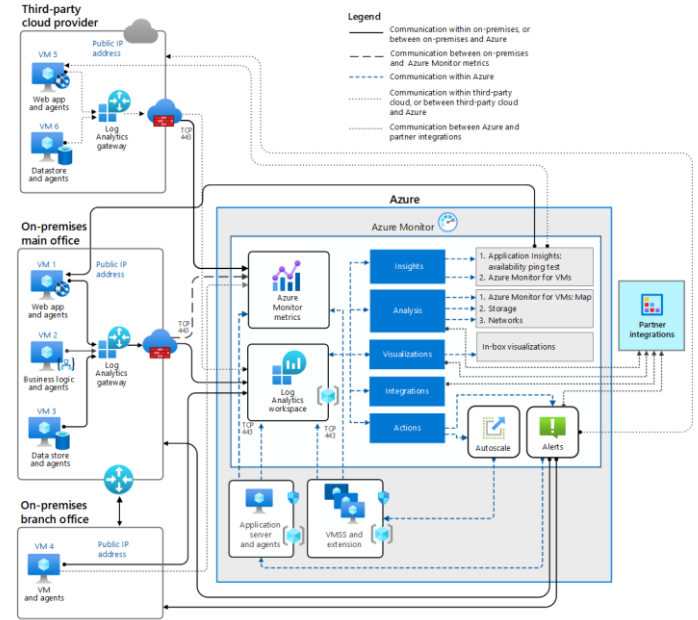
## Connect an on-premises network to Azure using a VPN gateway



## Azure Arc hybrid configuration



## Back up on-premises applications and data to cloud



## Hybrid availability and performance monitoring

# Case Study

*A cura di Claudio Ricci, Pre-sales ATF s.r.l.*





# ATF – Chi siamo



Partner Tecnologico di riferimento per i propri clienti, si pone per far crescere le loro aziende con soluzioni di Digital Transformation che spaziano dal Printing alla Smart Collaboration, dai Sistemi IT alla Consulenza e implementazione dei nuovi processi digitali.

- 32 sono gli anni di presenza sul mercato
- 32 risorse qualificate
- 4 milioni di euro di fatturato
- 2.000 clienti fidelizzati

# ATF e FUJITSU



ATF da sempre segue i suoi clienti attraverso un processo di miglioramento continuo.

I consulenti ATF forniscono alle esigenze di business delle aziende, soluzioni su misura, in grado di stimolare la crescita, ottimizzare i costi e fornire una migliore operatività, riducendone i rischi.

La partnership con Fujitsu e le certificazioni conseguite, ci permettono di fornire soluzioni e servizi di qualità ai nostri clienti.



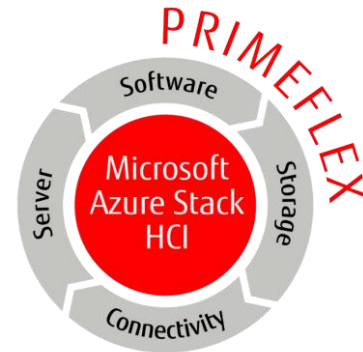
# Case Study – L'esigenza



Per un cliente operante nel mercato manifatturiero, circa 5 anni fa, abbiamo dato una prima fornitura che prevedeva un sistema di server per replica dedicata alla business continuity.

Successivamente è nata la necessità di innalzare l'affidabilità della business continuity e di implementare risorse per soddisfare richieste Industry 4.0.

Per individuare la soluzione più adatta è stato creato un tavolo di lavoro con il cliente, volto ad una analisi specifica dell'esigenza.

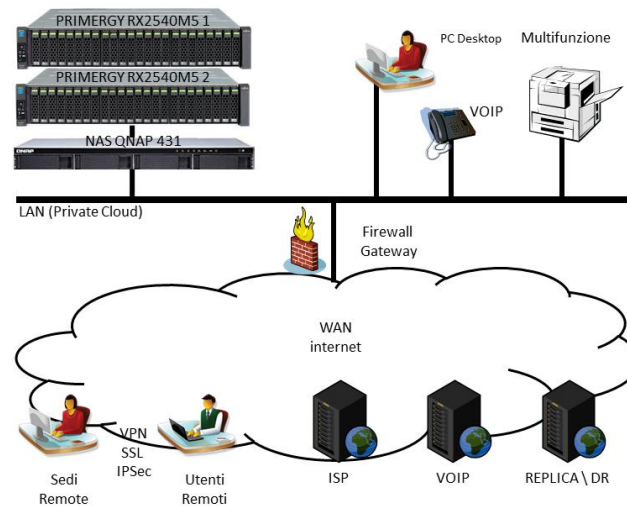


# Case Study – La soluzione



Il progetto ATF ha trovato nella soluzione PRIMEFLEX for Microsoft Azure Stack HCI il punto centrale su cui far girare l'intero sistema informatico aziendale.

Una soluzione comprensiva di hardware e software convalidato da Microsoft per garantire prestazioni e affidabilità.

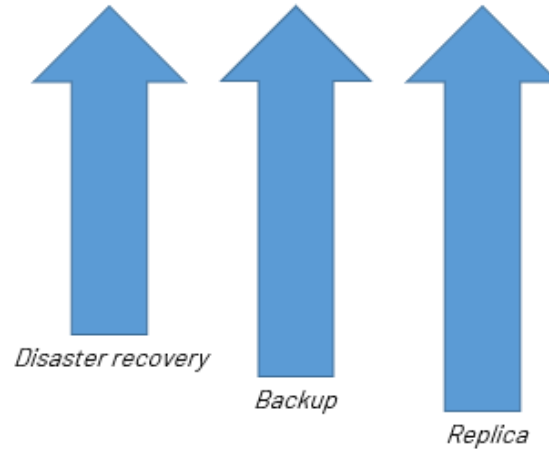


# Case Study – I risultati



Il sistema HCI ci permette un alto livello di scalabilità garantendo l'investimento.  
Abbiamo innalzato il livello di Business Continuity, migliorando:

- Disaster recovery
- Backup
- Replica



sfruttando le risorse di Azure Stack HCI di Microsoft

# Key Takeaways



Be agile

Create  
business-centric IT  
Responsive  
Fast, flexible and reliable  
Easy, non-disruptive scalability



Be efficient

Reduce  
TCO  
Reduce storage costs  
Save floor space, power and cooling  
Streamline management



Be safe

Transform  
with confidence  
Reduce deployment risk  
Gain faster time to production  
Pay as you go



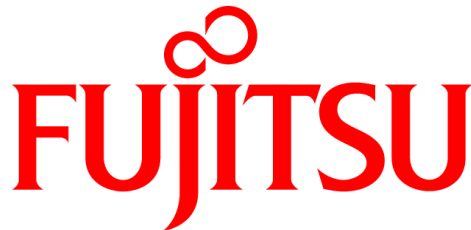
Windows Server 2019:  
The operating system that bridges on-premises and cloud.

Go PRIMEFLEX for Microsoft Azure Stack HCI

# Domande?

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shaping tomorrow with you