



HCX SERVER

PRODUCT BRIEF & TECHNICAL
FEATURES SUMMARY

HCX SERVER

PRODUCT BRIEF



A SERVER OPTIMIZED FOR A HYBRID WORLD

The HCX Server is a Windows Server pre-bundled with integrated core IT services designed for small and midsize businesses that operate in a Hybrid environment.

The server allows you to deploy, manage and integrate on-premise, private and public clouds while incorporating third party feature rich tools needed to support hybrid users.

Management benefits include a unified dashboard and flexibility of use to address common business needs such as virtual servers, DaaS, local backup, Azure backup, Office 365 and enhanced file sharing, as well as more specialized solutions such as AD auditing, DNS firewall and email backup.

The server, fully certified by Microsoft and installed by us, is priced affordably in an op-ex model.

KEY CAPABILITIES AND SOLUTIONS

The pre-engineered fully managed server is a smart choice for businesses who need the following solutions:

- Local and offsite backup solutions
- Cloud integration
- Hardware refresh
- Secure file sharing
- Virtual servers
- Disaster recovery
- Desktop as a Service

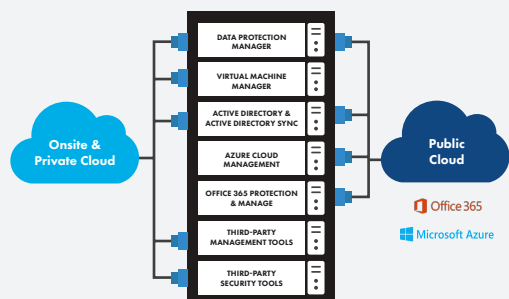


The HCX Server is Azure Certified by Microsoft, offered in base and business editions. Available in tower or rack mount configurations.



HCX SERVER

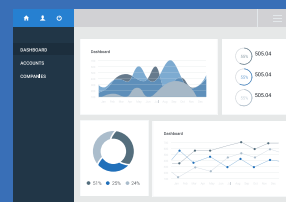
TECHNICAL FEATURES SUMMARY



CLOUD INTEGRATION

The HCX Server is an Azure Certified Solution which automatically connects to existing or creates new Office 365 and Azure subscriptions delivering:

- **Secure authentication and integrations with Office 365 & Azure**
- **Aggregates status of services delivered via the HCX Server**



CENTRALIZED DASHBOARD

Fully integrated dashboard that provides you with:

- **Real-time data and status of the services and resources being delivered via the HCX Server**
- **A single view for auditing and reporting via the dashboard**



BACKUP & DATA PROTECTION

Efficiently backs up your local servers onto the HCX Server and sends copies to Azure for an additional layer of protection. The standard service includes:

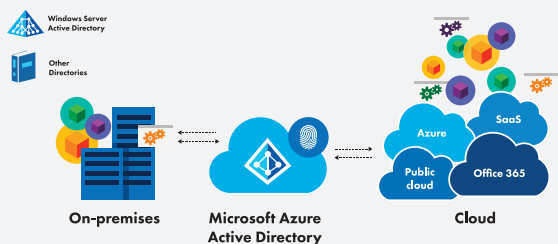
- **Local backup stored directly on the HCX Server**
- **Local backup is sent to Azure with 14 day retention policy**



OFFICE 365 BACKUP

Office 365 Backup provides full or granular backups of multiple Office 365 mailboxes directly to the HCX Server. With brick-level storage and advanced search options, you can backup and restore entire mailboxes or selected data:

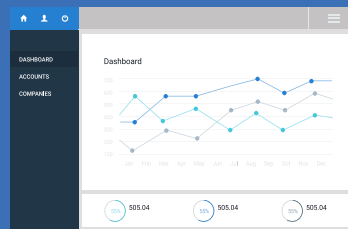
- **Continuous incremental backup**
- **Granular restore features**
- **Offline storage**
- **Flexible retention options**



ACTIVE DIRECTORY / SINGLE SIGN ON

Azure Active Directory provides an affordable, easy to use solution to deliver SSO access to thousands of SaaS applications like O365. New or existing AD integration with Azure Active Directory is deployed to deliver:

- **Self-service end user password management**
- **Multi-factor authentication & roles based access controls**
- **Assurances that corporate compliance goals are met**



NETWRIX ACTIVE DIRECTORY AUDITING

Netwrix Auditor for Active Directory delivers security analytics about Active Directory and Group Policy. This data is used to mitigate the risk of privilege abuse, proves IT compliance & streamlines troubleshooting:

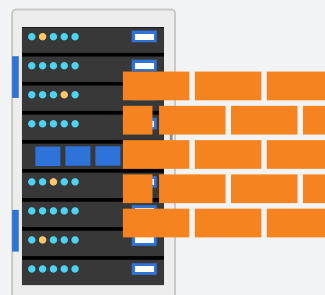
- **Audit reports and dashboards**
- **Logon auditing**
- **Password expiration alerting and inactive user tracking**
- **Active Directory compliance**



DISASTER RECOVERY

If DR services are required, you may leverage Microsoft Azure Active Server Recovery (ASR) via the HCX Server to provide:

- **Replication of VMs from HCX Server to Azure**
- **Leverage Azure as production resources in the event of a disaster**



THREATSTOP DNS FIREWALL

Delivers up-to-the-minute protection against advanced threats, and enhances your existing network security by adding a layer of security at the DNS infrastructure level. Prevents data theft and corruption by stopping malware from "phoning home" to threat actors and prevents activation of ransomware.

Windows Server 2016

WINDOWS SERVER 2016

Windows Server 2016 is the cloud-ready operating system that supports your current workloads while introducing new technologies that make it easy to transition to cloud computing. Key benefits are:

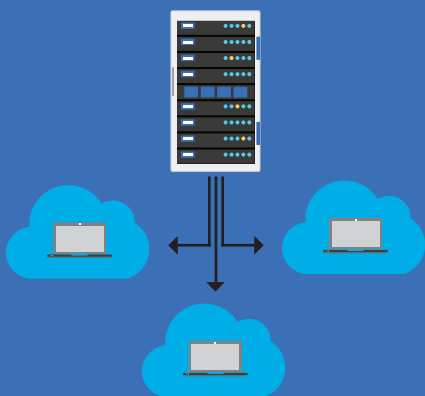
- **Tighter Azure AD integration**
- **Increased backup performance**
- **Enhanced security features**
- **High performance HyperVisor**



ADVANCED FILE SHARING VIA CENTRESTACK

A complete managed File Sync and Share solution that is hosted on the HCX Server. It is the simplest way to bring file sharing, sync and mobile access to your existing file storage. Featuring:

- **Native drive mapping**
- **File locking**
- **RDS replacement**
- **Easy migration with existing file permissions**



HCX SERVER IS FULLY MANAGED

Included in the monthly fee is monitoring and management of the Hybrid Cloud Server. Services monitored & managed include the server and hardware components, the local backup of virtual servers and data, and offsite replication of data to the Azure public cloud.



DESKTOPS AS A SERVICE/ VIRTUAL DESKTOPS

Automated deployment and integration of virtual desktop components & features can be enabled allowing for:

- **Delivery of virtual desktops via the HCX Server**
- **Microsoft RDS and Citrix options**
- **Integrations into Office 365**

H CX SERVER

TRADITIONAL VS. MODERN IT COST COMPARISON

INTRODUCTION

You have heard a lot about what the HCX Server does and the value it can bring to you and your clients but how does it stack up in the real world against ‘Traditional IT’? Below is a cost comparison example based on a existing HCX Server client who has 3 servers, 40 users and is based on a 3 year contract term. The value and cost savings are pretty clear.

CONSIDERATION	TRADITIONAL IT	H CX SERVER
3 servers	\$13,500 CAPEX	\$595/month OPEX
Installation-calculated at rate of \$150/hr	\$6,750	\$750
OS licensing: server (x3 servers)	\$4,350	Included
OS licensing: CAL (x40 users)	\$2,415	Included
Monitoring & management of servers-calculated at rate of \$100/server	\$10,800	Included
Centralized dashboard providing real-time visibility into all services	Not included	Included
Backup of 3TB of data: onsite via Datto-Hardware cost	\$2,655	N/A
Backup of 3TB of data: onsite via cloud Datto: monthly service cost	\$21,564	N/A
Backup of 3TB of data: onsite via HCX	N/A	Included
Backup of 3TB of data: offsite of Azure (optional)	N/A	\$72/month
Office 365/Azure integration	Not included	Included
Office 365 backup (optional)	\$5,760	\$60/month
AD auditing & reporting (optional)	\$5,760	\$60/month
DNS firewall services (optional)	\$6,500	\$60/month
Delivers hybrid strategy	Not Included	Included
3 year total	\$80,054	\$31,242
Per month	\$2,223	\$867