flexxible IT® | **SMART**WORKSPACES

Attainable in just three months!

Company-wide Digital Workspace Adoption

Our mission is to enable companies to deliver the best digital workspace experience across the entire organization

Key benefits of a digital workspace

1 Improved productivity of critical applications

2 Lower compute costs

3 Improved security of information

4 Reduced complexity, simplified IT

Our digital workspace technology enables IT to centrally deliver and manage access to apps, desktops and data from any device, helping organizations overcome the frustrations with unpredictable costs, user resistance and partial implementations. The most common problems we come across are detailed below.

Common use cases

· Extending the life of legacy apps

· Mobility for small groups of users

· Secure remote access

· Branch office connectivity

Common problems

Slow login times leading to user complaints

End of life Citrix farms and environments without support or maintenance

Inconsistent performance resulting in reduced productivity

High TCO due to unpredictable costs

Frustration in not realizing the full potential of workspace virtualization

Corruption of user profiles

Lack of C-level buy-in for company-wide adoption

Low application virtualization success < 50%

Users resistant to working on a virtual platform

Time required to become digital

Our solution addresses these challenges for you

First, our diagnosis...

From these common problems, the **key factors** required to enable a smooth transformation to company-wide digital workspaces are:

Fast and secure
standardized
deployments

Faster login
times and
increased
performance

Easy access to real time
user experience
and platform data

100% virtualization
of applications

TCO equal
or less than a
PC-based
system

Self diagnosis
and automatic
remediation

Take full
advantage of the
Citrix consoles
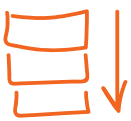
Simplified
management
and disaster
recovery

Flawless
security

... **Next,** our course of action

We've developed a proprietary technology that, combined with our strategic software partners, allows companies to completely adopt a secure, virtual workspace.

The table below highlights how we address the **key factors** for digital workspace transformation:

Flexxible|SUITE

	⚙	▱	⏱	☁	⤓	🩹	↻	♥	🔒
Ability to successfully virtualize up to 98% of applications				■				■	■
Unique end-user experience control capability			■						
VDI and app recovery in a few hours in the event of an attack							■		■
Overflow to Azure reduces DR costs by 80%					■			■	
Improves end-user performance for key business applications		■		■		■		■	■
Improves login times by 50% or more		■	■						
Reduces complexity and speeds up deployment, upgrades & scale-outs	■					■			■
Automates and orchestrates day to day, repetitive tasks	■						■	■	
Service administrators receive valuable real-time & historical data			■			■			
Entire infrastructure stack managed through a single unified HTML5 console			■	■		■		■	■
Unparalleled visibility of virtual workspaces perfomance			■					■	
Self-service portal to enable end-users and reduce support costs			■		■		■		
Optional automated platform maintenance and 24x7 monitoring services								■	■

Flexxible|APPLIANCE*

	⚙	▱	⏱	☁	⤓	🩹	↻	♥	🔒
Specifically designed to deliver the next generation workspace		■			■		■		
Virtual workspace infrastructure (VCC Roles) can be deployed automatically in less than three hours	■							■	■
Maximum security	■						■	■	■
Rearms all the computing virtual machines in a matter of hours								■	■
Flexibility to use on-board SSD or leverage your existing storage			■		■				
Integrates with corporate tools, such as backup, antivirus, monitoring, and help desk					■		■		■

*Appliances include the Flexxible|SUITE

Finally, how we make it happen

Our software

Our unique software combines real-time user experience visibility, a systematic approach to delivering virtual workspaces with standardized deployments, and single pane of glass management. Take advantage of the multi-tenancy and multi-environment cloud console to fully manage and monitor your deployments.

The following components are included in our software:

Setup

Flexxible|Quick Config Setup

An **online tool** that provides step-by-step instructions for the **complete deployment** of an end-to-end virtualization environment in a matter of hours. Users follow simple configuration steps, validate the information, and then automatically deploy all of the VCC roles necessary for any virtual workspace environment.

Apps2Digital

An evergreen application lifecycle management platform, Apps2Digital ensures effective remote working and enhances productivity in the age of the new normal through application transformation & modernization to microapps automatic discovery and productivity metrics.

Manage

Flexxible|SUITE

A **single web console** used to manage, monitor and support the entire virtual workspace platform. **Customizable Flexxible|Dashboards** provide historical and real time user experience and platform status monitoring. Our cloud based abstraction layer removes the need for admin access to critical systems, improving overall security.

Flexxible|Help Desk Tool

IT help desks now have a **single console** for **access to critical data** enabling faster operational support to users and removing the need for escalation to higher level engineers. The tool provides **status analysis** of the user session and the virtualized resources, the ability to make remote connections and to **customize operations** for remote configuring or troubleshooting.

Grow

Flexxible|AutoGrow

Allows the **user resource catalogs** to **grow automatically** based on usage. Administrators can configure how the resources are distributed, and Flexxible|SUITE automatically manages the provisioning of the resources based on actual user load.

Flexxible|Monitoring

Actively monitor and protect the performance and availability of virtual workspaces and applications. **Powered by Login VSI.**

We help organizations manage their virtual workspace infrastructure on premise or in the cloud by providing fast, automated delivery of Citrix virtual workspaces and simplify day-to-day management via a single console. Available as software only or as an integrated appliance.

Our hardware - Flexxible|APPLIANCES

A range of integrated appliances that allow organizations to deploy their virtual workspace computing infrastructure on premise or in the cloud. Specifically designed for virtual workspaces

Flexxible|CONTROLLER Appliance

Designed to **create maximum security** for your Virtual Client Computing Roles, this appliance **protects business continuity** by automatically self-repairing and by offering quarterly vulnerability reports.

Flexxible|PLATINUM Appliance

Designed for **large enterprises with tailored environments**, it provides high-level performance and user experience capabilities for virtual workspaces, and simplifies day to day management via a single console.

Flexxible|ENTERPRISE Appliance

Designed for customers looking to **bring automation to their datacenter**, leveraging secure cloud technologies to manage on premise workspace deployments.

Flexxible IT | SMARTWORKSPACES SUITE

included in all our APPLIANCES

version 4.17

Single point of web management for your entire virtual workspace platform

Co-management of Hypervisor, VM manager, Citrix Studio and Citrix Director

Flexxible IT | SMARTWORKSPACES SUITE
version 4.17

Hybrid Cloud

Office 365

- Easy L1 & L2 support
- Deploy new templates automatically
- Automates 90% of tasks
- Provides the best user experience
- Manages your current platform
- Leverage hybrid cloud platforms

citrix Ready

flexxible.com

Flexxible|SUITE Components	Flexxible|SUITE Web manager	Flexxible|SUITE orchestrator	Deployed using Flexxible|SUITE Installer

Citrix sites	User resources layer	Platform layer	Existing virtual workspaces platform
Citrix VA 6.5	VDI	VMware vSphere 7	
Citrix VA & D 7.15		Microsoft Hyper-V 2019	
Citrix VA & D 7.X	SDI	Microsoft Azure	
Citrix VA & D 1912	APPS	Citrix Hypervisor	

Citrix Virtual Apps & Desktops   **Citrix** Hypervisor   **Citrix** Cloud   **Citrix** ADC   Microsoft

Flexxible|SUITE

LOGINVSI — Login VSI for Load Testing

LOGINVSI — Login PI for Active Monitoring

Maximize your existing Citrix investment and bring the infrastructure under control with a proven systematic, flexible and automated methodology for deployment and management. With Flexxible IT any version of Citrix Virtual Apps and Desktop can now co-exist via a single, simple to use management console.

Platform compatibility

Platforms	SUITE **Platinum**	SUITE **Platinum Multitenant**
Citrix VA&D 5.6, 6.5, 7.X (LTSR versions), 1912	✔	✔
Citrix Cloud	✔	✔
Microsoft Azure	✔	✔
Microsoft Hyper-V 2008R2	✔	✔
Microsoft Hyper-V 2012R2	✔	✔
Microsoft Hyper-V 2016	✔	✔
Citrix Hypervisor 7.1 LTSR	✔	✔
VMware vSphere 6.5, 6.7, 7.0	✔	✔

Our SUITE options

Flexxible|SUITE Platinum
Providing large Enterprises with the ability to completely customize, control and automate highly secure and complex workspace environments.

Flexxible|SUITE Platinum Multitenant
Provides all the benefits of Platinum Edition plus full multitenant capability allowing organizations to manage multiple isolated environments via a single management console, removing complexity and reducing cost.

System requirements for Flexxible|SUITE demo license
· *1 virtual server running Windows 2012R2 or Windows 2016 with 4 vCPUs, 8GB RAM and 100GB of free disk space*
· *1 Microsoft SQL Server empty database with 10GB of free disk space, or Microsoft SQL Express*
· *An existing deployment based on Flexxible|SUITE's supported Citrix versions and supported platforms*

Feature matrix

Multitenancy	SUITE **Platinum**	SUITE **Platinum Multitenant**
Multitenancy	Limited to 3 tenants	✔
Multitenant management section		✔
My Company management section	✔	✔
Tenant consumption audit	✔	✔

Reporting and monitoring		
Platform dashboard	✔	✔
User experience dashboard	✔	✔
Usage reports and data analysis	✔	✔
Login VSI & Login PI	✔	✔
SNMP Integration	✔	✔
Multi-site aggregated data	✔	✔
Session and access traceability	✔	✔
Integrated historical data analytics	✔	✔
Event log containers	✔	✔

User resources management		
Automated golden image creation	✔	✔
Catalog autogrowth	✔	✔
Golden image cluster replication	✔	✔
Golden image change tracking	✔	✔
Corrective snippets	✔	✔
Azure DR & Overflow	✔	✔
Selective Image propagation	✔	✔
Automat. to preserve the user's session	✔	✔

Management and deployment		
Automated deployment	✔	✔
Single management console	✔	✔
Platform Control Panel	✔	✔
Quick Config Setup	✔	✔
Citrix Gateway automated deployment	✔	✔
Quick Actions	✔	✔
Level 1 Help Desk Agent Profile	✔	✔
Level 2 Help Desk Agent Profile	✔	✔
Customizable security roles	✔	✔
Flexxible|SUITE auto update	✔	✔
Mgmt. of existing clusters & farms	✔	✔

flexxible IT® | **SMART**WORKSPACES
for Azure Virtual Desktop

Enterprise class support and management for Azure Virtual Desktops

Simplify and streamline your Azure Virtual Desktop environment. **SMART**WORKSPACES, running within your Azure tenant, delivers enterprise support and management. Through a single pane console and delegated administration for level 1 and level 2 support, **SMART**WORKSPACES helps you to deliver and maintain the best levels of service, performance and user experience for your organization.

Automation and intelligence for Azure Virtual Desktop management and support

Get it from
Microsoft Azure
Marketplace

Microsoft Azure
Government

Key platform features

Native Azure security – **SMART**WORKSPACES is installed and is completely self-contained within your Azure tenant. With no requirement for Active Directory Federation Services, identity data remains within your Azure service giving you total control over security.

Multitenant management – whether you are a service provider or you have multiple Azure Virtual Desktop sites within your organization, **SMART**WORKSPACES enables you to manage multiple tenants all from one place.

Subscription independent – no matter how you manage your Azure Virtual Desktop Azure subscriptions, with **SMART**WORKSPACES you can integrate and manage environments across multiple subscriptions. Simply add your Azure subscription details and **SMART**WORKSPACES does the rest for you.

Delegated admin rights – Delegate L1 and L2 administration rights to support staff. The actions performed by a delegated admin are always impersonated as an administrator so, support users do not need to have individual administrative permissions to perform their role.

Intelligence at your fingertips – Download usage and performance data across your entire Azure Virtual Desktop environment. User sessions, virtual machines, connection, event log data and more can be exported to Excel Workbooks for reporting, analysis and presentation.

Optimized performance – with automated and scheduled execution of custom scripts and user profile optimization **SMART**WORKSPACES helps you keep your Azure Virtual Desktop environments healthy.

Azure cost savings – with many customizations available, SMARTWORKSPACES helps you save on your Azure costs. Optimize your user profiles to save on storage. Take advantage of the ability to program and manage session stop and start times so your session hosts are only consuming resources when necessary.

Azure SQL – Scale your database and reduce costs. Focus on your business using an intelligent database with Azure SQL

Co-branding – customize your **SMART**WORKSPACES with your corporate logos and company colors.

Feature matrix

LEVEL 1 SUPPORT

User Experience Dashboard
Deliver proactive monitoring with real-time data to support your Azure Virtual Desktop infrastructure.

Help Desk
Improve user satisfaction and productivity with a dedicated controlled and secure support console for L1 and L2 roles.

Session Host Management
Easily identify session hosts for routine and support actions. A unified view enables rapid search and remediation.

Session Management
With a unified session view support can quickly identify a user to initiate support actions.

Consolidated Connection Logs
Consolidate connection log data. Search, sort and export for easy analysis.

Power Management Scheduling
Program and manage session start and stop times for resource and cost savings

Profile Optimization
Ensure that storage overheads are kept to a minimum with efficient management of profile optimization.

User Session Shadowing
Quickly identify users and initiate remote assistance to deliver the best support experiences for your users.

Automated configuration of remote assistance

LEVEL 2 SUPPORT

Alerting
Proactively manage Azure Virtual Desktop SLAs with monitoring and SNMP alerts.

Event log subscription & action
Remove complexity and reduce expensive level 3 interventions with automated remediation.

Custom Operations
Simplify support and speed time to resolution. Remove the need for support to run command line operations with predefined operations scripts.

Automated Operations
Keep your Azure Virtual Desktop environment running smoothly with automated execution of remediation scripts.

Auditing - Jobs
Quickly trace and identify actions that have failed or effected operations.

Save 60% average on your monthly AVD bill by activating the Power Management functionality

Get it from
Microsoft Azure
Marketplace

Microsoft Azure
Government

Flexxible IT | CONTROLLER APPLIANCE

Reinforced secure design, fast deployment and business continuity

The Controller Appliance provides isolated computing & enhanced security for the Virtual Client Computing Roles (VCCR). This model is designed to protect the company's business continuity. The system can rearm all the computing virtual machines in a matter of hours, minimizing the impact of intrusions. It is unique in that it offers impartial SLA compliance.

The Controller Appliances are clustered to provide HA for the VCC Roles. They can also host other Citrix Roles such as ShareFile, double factor authentication technology and NetScaler.
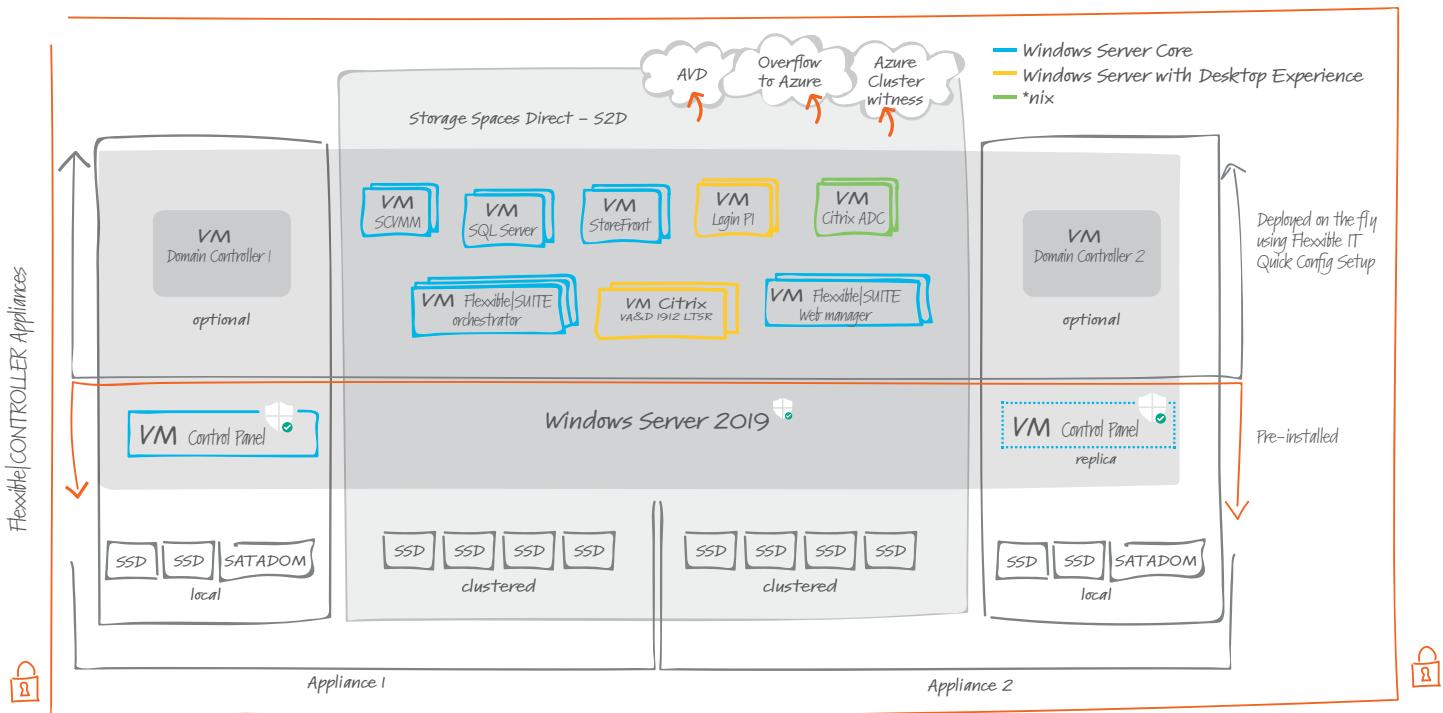

Appliance Models

Model	Processors	Physical cores	Minimum necessary units per datacenter	Required rack space units	Networking ports
C01	Controller Appliance for 1,000 users, one node	16C (2 Processors of 8 Cores per Appliance)	2	2	4x 10Gb Base-T and 4x10 Gb SFP+ or 4x 10Gb Base-T and 4x 25/10Gb SFP28
C03	Controller Appliance for 3,000 users, one node	16C (2 Processors of 8 Cores per Appliance)	2	2	
C10	Controller Appliance for 10,000 users, one node	24C (2 Processors of 12 Cores per Appliance)	2	2	

*Minimum one cache disk required per appliance if using vSAN, either 375GB NVMe or 1.6TB NVMe*

Third party software licenses provided by the reseller

Hyper-V   Windows   SQL Server   System Center

FLEXXIBLE IT® | PLATINUM APPLIANCE
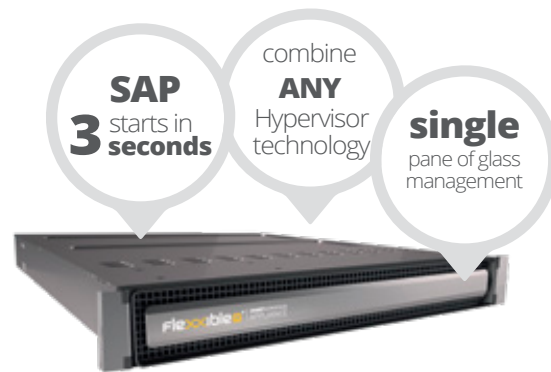
Virtual computing for tailored environments

Providing large enterprises with the ability to completely customize, control and automate their highly secure and complex workspace environments by adding high performance resources. After the Controller Appliance setup is complete, you can deploy the Platinum Appliance to handle the user load in just a few hours.
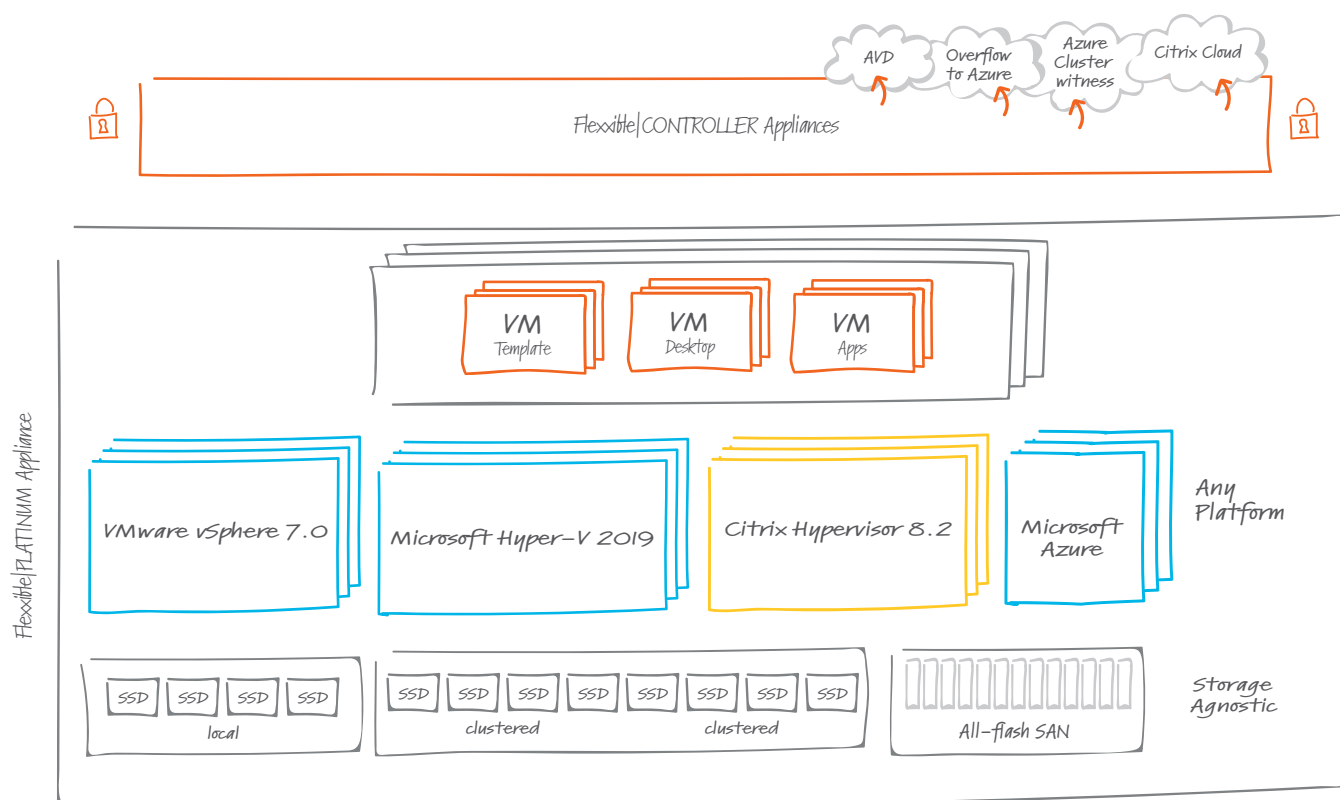
Appliance Models - **Single node inside! One rack space unit**

Model	Processors Based on Intel Scalable Processors	RAM	OS storage	All-flash integrated storage *1	Networking ports	Max. recom. VDI *2	Max. recom. SDI *3	Max. recom. Apps *4
P50	2x Intel® Xeon® Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W)	320 GB			4x 10Gb	50	160	160
P100	2x Intel® Xeon® Gold 5215 2.5G, 10C/20T, 10.4GT/s, 13.75M Cache, Turbo, HT (85W)	640 GB	2x M.2	Up to	Base-T	100	200	200
P150	2x Intel® Xeon® Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W)	1024 GB	Sticks	18 DP of	and	150	320	320
P200	2x Intel® Xeon® Gold 6248 2.5G, 20C/40T, 10.4GT/s, 27.5M Cache, Turbo, HT (150W)	1280 GB	240G	1TB	4x 25Gb	200	400	400
P275	2x Intel® Xeon® Gold 6238R 2.2G, 28C/56T, 10.4GT/s, 38.5M Cache, Turbo, HT (165W)	1536 GB			SFP+	275	560	560

Minimum one cache disk required per appliance if using vSAN, either 375GB NVMe or 1.6TB NVMe

Third party software licenses provided by the reseller

Citrix Virtual Apps & Desktops · Citrix Hypervisor · Citrix Cloud · Citrix ADC · Microsoft · VMware vSphere

Included within the Flexxible|PLATINUM Appliance

Flexxible IT® PLATINUM MULTITENANT SUITE · LOGINVSI Login VSI for Load Testing · LOGINVSI Login PI for Active Monitoring · NVIDIA

*1 All sizing is approximate. Storage is configurable in 1TB increments. *2 VDI: Pooled Virtual Desktops with 5GB per virtual machine. *3 SDI: Shared Server-Hosted Desktop with 2GB per user session, 2GB per virtual server and 10 users per server. *4 Apps: Published Virtual Apps with 1GB per user session, 2GB per virtual server and 30 users per server.*

Flexxible IT® | ENTERPRISE APPLIANCE

All-in-one solution

Designed for customers looking to bring automation to their datacenter, leveraging secure cloud technologies to manage on premise workspace deployments. The two node resilient architecture provides standard enterprise high availability.
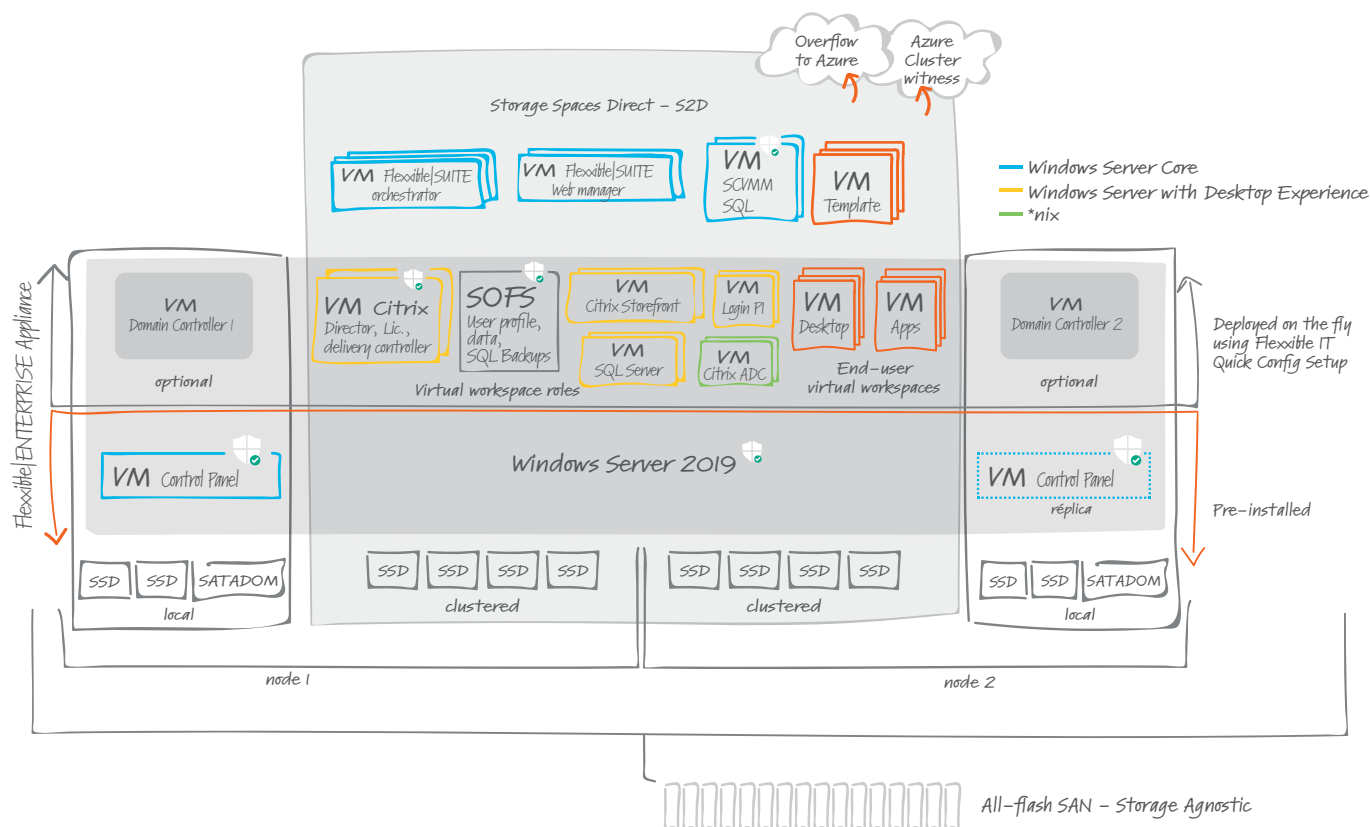
Appliance Models - **Two nodes inside! Two rack space units**

Model	Processors Based on Intel Scalable Processors	RAM	OS storage	All-flash integrated storage *1	Networking ports	Max. recom. VDI *2	Max. recom. SDI *3	Max. recom. Apps *4
E50	4x Intel Xeon Silver 4208 2.1G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400	256 GB				28	50	50
E100	4x Intel® Xeon® Silver 4210R 2.4G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (100W) DDR4-2400	384 GB			4x 10Gb Base-T or 4x 10Gb SFP+	51	100	100
E150	4x Intel® Xeon® Silver 4210R 2.4G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (100W) DDR4-2400	512 GB	2x M.2	Up to		74	150	150
E200	4x Intel® Xeon® Silver 4210R 2.4G, 10C/20T, 9.6GT/s, 13.75M Cache, Turbo, HT (100W) DDR4-2400	640 GB	Sticks	18 DP of		98	200	200
*E400	4x Intel Xeon Gold 5215 2.5G, 10C/20T, 10.4GT/s, 13.75M Cache, Turbo, HT (85W)	1024 GB	240G	1TB	Optional: 2 Extra Ports	167	400	400
*E600	4x Intel® Xeon® Gold 5218 2.3G, 16C/32T, 10.4GT/s, 22M Cache, Turbo, HT (125W)	1536 GB				231	600	600
*E800	4x Intel® Xeon® Gold 6248 2.5G, 20C/40T, 10.4GT/s, 27.5M Cache, Turbo, HT (150W)	2048 GB				254	800	800

*Requires Flexxible|CONTROLLER Appliances

Minimum one cache disk required per appliance if using vSAN, either 375GB NVMe or 1.6TB NVMe

Third party software licenses provided by the reseller

Citrix Virtual Apps & Desktops   Citrix Hypervisor   Citrix Cloud   Citrix ADC   Microsoft

Included within the Flexxible|ENTERPRISE Appliance

Flexxible IT® | PLATINUM SUITE   LOGINVSI Login VSI for Load Testing   LOGINVSI Login PI for Active Monitoring

What our customers say

"Flexxible IT has improved the stability and performance of our VDI environment, so that we can focus on innovation not infrastructure."

GELASI LEANDRO | ICT Operations Manager | *CORTE DEI CONTI*

"Creating new desktops and delivering additional applications to users is pretty, pretty simple using Flexxible IT. It's a transparent and agile process that enables our IT to develop hand-in-hand with the business."

JORDI BONET OLIVA | IT Director | *ASPY PREVENTION*

Next generation workspace platforms will be key in addressing some of the challenges inherent in traditional approaches to virtualization. In summary, below are the four key areas we find businesses are looking to address.

Unique real-time user experience visibility

Knowledge of the real-time consumption of virtualization platforms brings many benefits to companies. Aggregated real-time and historical user data provides deep insight into application and desktop usage in a single console view.

Administrators can proactively manage the resources to ensure optimum user performance and availability. With all the data at your fingertips you can take full control of your environment helping you to scale and optimize the platform as the business grows.

Guarantee end-user satisfaction

The challenge of many virtual workspace projects is the perception that performance has been degraded compared to their physical PC. To protect the end-user experience, the Flexxible IT solution provides a way to constantly monitor the performance and availability of the virtual workspace infrastructure and applications.

IT administrators have all the tools they need to deliver a program of continuous improvement to the user experience over time.

Proven deployment methodology

In the delivery of virtual workspace technologies, many departments and roles need to interact and invariably this can introduce risk and extend project timescales. We bring together a wealth of knowledge and technology experience to offer a systematic approach to delivering virtual workspaces.

This intelligence is built into the software platform blueprint allowing companies to automatically benefit from the knowledge gained from a wide range of deployment scenarios.

Enhance your security and compliance capability

Flexxible IT further strengthens the Citrix security and compliance perimeter with a proprietary automation framework, avoiding configuration issues which could endanger the platform. Having the software and hardware layer tightly integrated in a highly controlled locked-down environment strengthens the solution, avoiding future risks.

The server centric architecture and automation features assist in hardening the security controls required by PCI and GDPR regulations, ensuring governance and compliance is more easily achieved.

We are committed to creating technology to help organizations achieve company-wide digital workspace adoption. By working closely with our customers, we are able to develop new features to address business requirements. We would love to hear from you to see how we can help!

We have the experience and the answers. Choose **Flexxible**®

flexxible IT ®

Leading a revolution in digital transformation