Desktop virtualization typical use cases

Remote computing ICA/RDP/PCoIP

Local o

Thin client

Published applications or desktops

Basic application access

- Call centers
- Receptionists
- Flight reservation agents
- Hotel check-in agents
- Doctor/nurse stations
- POS

Citrix [®]	Microsoft®
XenApp [™]	RDS







Windows thin client Terminal emulation

- Bank front-desk staff
- Customer service agent desks
- Logistics agents

Single purpose browser appliance

- Internet station
- Job application kiosk
- Browser-based point-of-sale agent

Task worker

Full desktop experience

Thin or zero client

Hosted virtual desktop

- Administrative assistant
- Marketing personnel
- Help desk
- Sales operations
- Software and QA engineers

Citrix XenDesktop¹¹

Microsoft Hyper-V

Wyse vWorkspace™

Cloud desktop

Education and training

Remote sites with unreliable connectivity

Applications not supported in remote environments

Knowledge worker

Common use cases

Thin or zero client

Work from home scenarios

- Call center
- Customer service

igh-performance protocol hin or zero client

High-performance applications

- 3D graphics
- Trader
- Engineering - Designer
- Architect

Cloud desktop

Branch office with 'heavy applications' High-security environments

Software thin client

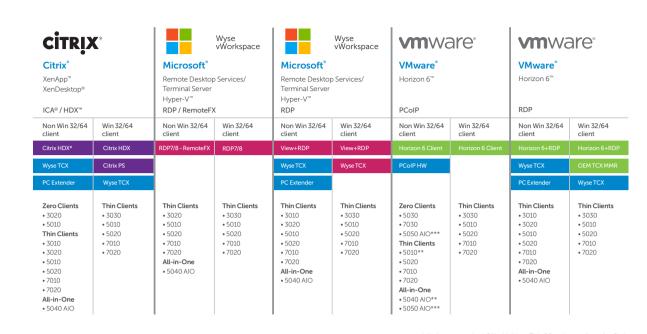
Repurposed PC

Web client

Digital signage

Mobile worker

Which client for which environment?



* Native support for HDX with Wyse ThinOS and zero clients for Citrix ** Teradici PCoIP licensing offered as an option *** 5050 AIO is available in USA only

7000 series

Wyse zero clients

These dedicated virtual desktop access devices are extremely secure and easy to deploy and manage. The range is comprised of zero clients dedicated to supporting desktop infrastructures from Citrix, Microsoft and VMware

3000 & 5000 series for Citrix

Built for Citrix XenDesktop and XenApp published desktops. Minimal delays, easy to manage, and extremely secure. Power-on to productive within 6 seconds, delivering a Citrix HDX 3D experience



5000 & 7000 series for VMware

Created for VMware Horizon 6 users, the 5000 & 7000 series offer high performance PCoIP zero client workstations for 3D modelling and other processor-demanding applications plus support for up to four displays.

Wyse 5050 AIO PCoIP zero client for VMware

An elegant, secure, and powerful all-in-one zero client that is purpose built for your VMware environment.



1000 series for Microsoft Windows MultiPoint Server

A new level of affordable computing for classrooms. Designed to connect to and seamlessly support Windows MultiPoint Server 2011/2012 in education environments.



Services, ProSupport and Accidental Damage service, giving Dell Wyse business partners end-to-end support throughout the product lifecycle. With Dell services portfolio for Wyse thin businesses can streamline

Wyse desktop thin clients

Wyse thin clients deliver flexible access to virtual desktops and virtualized applications. Embedded operating systems provide a strong platform for future client software developments.

3000 series

5000 series

7000 series

Powerful single, dual, or quad

core thin clients made for the most demanding applications.

Providing the best connectivity

and graphics performance Dell has ever offered. Available as

thin client and cloud desktop

Offers an excellent web, Citrix Microsoft, and VMware VDI user experience on a budget Available as: thin client

Versatile, compact and efficient, this

mid-range dual or quad core thin client

including 3D graphics and HD multimedia,

with ease. Also available as a cloud desktop.

delivers a wide variety of applications,



Intel-based 3000 series

Dual core Intel powered thin client with extreme networking and connectivity flexibility to address a vast range of use cases and environments.



Wyse 5000 series

The Wyse 5000 series all-in-one is a display. As an exceptionally secure deskton experience with extreme ease of use & management.



all-in-one thin client

stylish integrated thin client and 21.5" all-in-one, it delivers an outstanding



Wyse Datacenter solutions

Wyse cloud desktops

Simplify VDI and speed your time-to-value with Wyse Datacenter solutions. We combine the latest $virtualization\ and\ management\ technologies\ with\ Dell's\ hyperconverged\ infrastructure\ appliances\ or\ Wyse\ Datacenter\ reference\ architectures,\ which\ incorporate\ powerful\ Dell\ servers,\ storage,\ and\ dell'entropy and\ dell'entrop$ networking to provide a pre-engineered 'tool kit'. Add Dell Professional Services to grow and optimize your VDI infrastructure to gain the most from your investment.

5000 series

· Accelerated time to value with pre-

Cloud desktops combine local

performance with server-based OS

and application management, using the client-hosted functionality of

Wyse vWorkspace on the server.

- hyper-converged infrastructure appliances to address the realities of your environment
- Professional services that include consulting, support, implementation and

Tailored solutions to address various

and Workspace-as-a-Service



Wyse management software

Configuration

Configuration Manager

automates deployment of

Wyse Windows-based thin

clients through your private

Self-configuration capability

configuration, and Configuration

Manager automatically does

• No imaging or re-booting

for enhanced security

enterprise environments

• Supports SMB to

required, works in concert

with write-filter technology

for Windows Embedded

· Select your desired

Manager™

For information on the overall end-to-end Dell solution including servers, storage and networking products, please visit

www.dell.com/wyse

Dell Cloud Client-Computing
One Dell Way
Round Rock, TX 78682

Phone: +1 (800) 438-9973 Email: CCC_Sales@Dell.com



Device Manager[™]

Lower your ownership costs through scalable remote monitoring, management and reporting of Wyse clients.

- Centralizes control of clients
- Fasy-to-view status monitoring
- Full image or patch/ update distribution
- Updates can be scheduled for after hours
- Out-of-the-box, autoconfiguration of devices
- Detailed asset managementScales up to thousands
- of devices
- Standards-based, secure communications
- High-availability configurations offered
- Network-friendly peer assisted delivery of endpoint images, updates and patches.
- es, Supports stationary or mobile thin clients, in or out of the office

 Includes 'appliance mode'
 - clients to a singular function (e.g. info-only kiosk)

 Integrates with Microsoft Active Directory, when present.

to restrict one or more thin

Cloud Client Manager™

Securely embrace consumerized IT and BYOD alongside corporate owned devices, apps and content.

Cloud Client Manager allows you to securely manage thin clients, mobile devices and employee access to corporate applications and content all from a single cloud-based console. Empower your workforce, protect your data and cut costs.

- Configure and manage
 Wyse thin clients and
 mobile devices from anywhere*
- Securely manage employee access to company applications and content
- Enable user self-service provisioning for devices and corporate resources
- Monitor user devices, track asset and application inventory and enforce policy compliance
- Review real-time alerts, troubleshooting and audit trails.

* Supports iOS and Android mobile devices and Wyse ThinOS thin and zero clients.

Wyse virtualization software

Wyse virtualization software is built into Wyse cloud clients and addresses limitations previously found in virtualization, enhancing the user experience, reducing network bandwidth needs and expanding server scalability.

TCX Suite[™]

TCX Suite virtualization software offers an outstanding user experience available over virtualized environments by enabling desktop and mobile users to run diverse multimedia formats (including Flash), use multiple monitors, plug-in USB devices and run voice applications.

Multi-display

Makes virtual desktops and applications work better across multiple displays.

USB virtualizer

Simple and revolutionary software that makes client attached USB devices visible to virtual desktops.

Multimedia acceleration

Features Collaborative Processing Architecture™, designed to improve multimedia quality while reducing load on servers and networks.

Rich sound

Enables virtual desktops and applications to deliver rich, bi-directional sound for applications like VoIP and unified communications.

Flash redirection

Extends high-quality multimedia support to Flash.

PC extender[™]

PC extender enables organizations to leverage the benefits of thin and virtual computing environments by repurposing their existing PC hardware into intelligent virtualized desktops.



Dell Cloud Client-Computing

Pocket guide

Cloud client firmware options

A wide choice of advanced, innovative client firmware options available.

Zero Clients

Secure and purpose-built for Citrix, Microsoft and VM ware.

Wyse ThinOS thin clients

Optimized for maximum thin client security and performance.

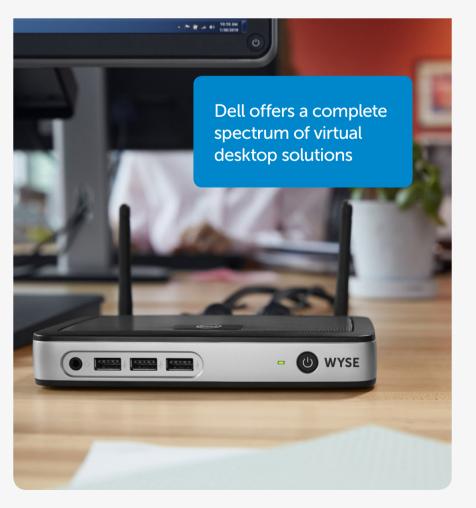
Wyse enhanced Linux thin clients

Versatile and multi-functional.

Wyse Windows Embedded Standard thin clients Scalable & highly flexible.

Cloud desktops

The power of a PC with security/ease of management of VDI.



Wyse cloud software

Wyse vWorkspace¹

vWorkspace enables the delivery of applications and desktops to users based on their unique needs. Organizations can maximize value and reduce complexity by deploying, monitoring and managing a blend of cloud-hosted (RDSH, VDI) or client-hosted desktop virtualization (WSM) technologies from a single management console. Integration with native Microsoft technologies significantly reduces the amount of storage required to support the desktop virtualization infrastructure, increases provisioning speed and ensures a quality user experience. vWorkspace Advanced Targets allow the creation of granular, context-aware assignments which organizations can leverage for increased security. User access can be defined in many ways including two-factor authentication, trusted entry point, client type or version, user, group, department, IP address, name, day of week/time of day and other variables. vWorkspace supports both Microsoft Hyper-V and VMware vSphere hypervisors.

Now available with vWorkspace, the client-hosted desktop virtualization (WSM) provides OS delivery and application layering by leveraging the local processing power of a PC with management and security benefits of your private cloud. Client-hosting delivers full PC desktop functionality without complexity by streaming everything a user needs – operating systems, media-rich applications and documents on-demand to Wyse cloud desktops or diskless PCs. You can also stream complete server images (e.g. Windows Server 2012) to targeted server hardware platforms.

The client-hosted functionality of vWorkspace is designed to scale from small, single server systems for an individual office or classroom to high-availability, multi-site deployments with centralized management. It is easy to install and integrates seamlessly with virtualized application and desktop technologies when full PC functionality at the desktop is required.