Enhancing IT with Wyse cloud client computing
## Contents

What’s cloud client computing? 1

**What are the products from Wyse in the new cloud client computing era?** 2

Wyse management software 2
Wyse virtualization software 2
Cloud software 2
Cloud clients 2

**How is Wyse different?** 2

Cloud computing is easier than you think 3
Cloud client computing model comparison 3

**Wyse cloud client devices** 5

**Thin clients – Sophisticated, secure, friendly performance with flexible functionality** 6

Desktop thin clients 6
Wyse ThinOS™ 6
Wyse-enhanced Ubuntu Linux 6
Wyse Linux V6™, and Wyse-enhanced SUSE Linux Enterprise 8
Wyse-enhanced Microsoft Windows Embedded Compact 9
Wyse-enhanced Microsoft Windows Embedded Standard 10

**Mobile thin clients** 11

**Zero clients** 11

Zero clients 11
Next-generation zero client 12

**Cloud PCs** 13
Wyse software solutions

Cloud client management – Secure, scalable remote device management for the extended enterprise

- Wyse Device Manager™
- Wyse Configuration Manager™
- Wyse Enterprise Mobility Management™ (EMM)
- Virtualization software with Wyse Collaborative Processing Architecture™
- User experience optimization – Delivering the best user experience available on a thin computing platform
- User experience acceleration – Delivering more responsive VDI environments over long-distance networks
- Repurposed PC software – Turn a PC into a VDI thin client in seconds, improving management and security

Cloud client software

Cloud PC and virtual machine provisioning – cloud your PCs, thin clients or virtual machines by centralizing their OS, apps and content.

- Handheld device software – Your desktop in your hand
- The Wyse Zero™ Engine – Technology powering a new world of cloud connected smart devices

People are talking...
Today, it’s becoming impractical to run a business or institution using personal computers. If not locked down, PCs can be fraught with problems, from theft to infection to viruses and malware, or worse. That’s why in enterprises of all shapes, sizes and markets, cloud client computing is making a big impact. Cloud client computing is more secure, available, reliable, manageable and scalable than PC-based computing. It also delivers a better return on investment and lower total cost of ownership (TCO). In fact, analysts have suggested that the TCO of a cloud client computing infrastructure can be half that of a traditional unmanaged PC environment.

What is cloud client computing?

Cloud client computing replaces the outdated computing model of the unsecure, unreliable, power-hungry and expensive PC and instead delivers improved security and reliability, along with an exceptional user experience and extremely low energy usage.

Cloud client computing connects all the dots: Thin and zero client computing, desktop virtualization, the mobile Internet and the Web in a private, public, government or hybrid cloud. It includes all the software, hardware and services you need—for business, at home or on the go. With cloud client computing, you gain the freedom to focus on what’s important, instead of wasting time fixing your IT infrastructure.

Wyse cloud client computing complements solutions from the leading virtualization vendors, including Cisco, Citrix, Microsoft, VMware and others to ensure your cloud computing or desktop virtualization environment delivers maximum performance, security, scalability and TCO savings.
What are the products from Wyse in the new cloud client computing era?

Cloud clients
- **Cloud PCs** – Familiar. Performance. Improved. The PC, only better - with centralized OS, applications, and content.

Wyse management software

Wyse virtualization software
- **User experience acceleration** – Delivering more responsive VDI environments over long-distance networks.
- **Repurposed PC software** – Turn a PC into a VDI thin client in seconds, improving management and security.

Cloud software
- **Cloud PC provisioning** – Cloudyse your PCs, TCs, or VMs by centralizing their OS, apps and content.
- **Handheld device software** – Your desktop in your hand with Wyse PocketCloud™
- **The Wyse Zero™ engine** – Technology powering a new world of cloud connected smart devices.

How is Wyse different?
We’re the only company in the virtualization space that combines the following attributes:
- **Experience** – We invented the thin client and have sold more than anyone else.
- **Scale** – We’re global, and we sell, service and support our products worldwide.
- **Focus** – Our whole company is dedicated to ensuring our customers maximize desktop virtualization and cloud computing benefits.
- **Expertise** – We maintain the largest thin and cloud computing engineering team in the industry, and design our own products.
- **Innovation** – Over 95 percent of our engineers are software engineers, where key innovation occurs.
Cloud computing is easier than you think

Using cloud computing has the potential to make business and personal application access easier, more ubiquitous and accessible from anywhere at anytime. In your cloud, you can choose powerful software solutions from Citrix, Microsoft, VMware, Wyse and others. Public cloud technologies are already available from Google, Amazon, Microsoft, and others. Accessing these clouds doesn’t require a PC; in fact, a PC may be overkill for many applications.

Cloud client computing model comparison

Cloud client computing delivers greater benefits through in-depth understanding and support of the leading datacenter models.
**Presentation virtualization** is a cost-efficient way to deliver user desktops from a local datacenter or private cloud to purpose-built cloud clients, eliminating the need to manage and secure individual PC hardware desktops. Cloud clients securely display centrally stored and executed applications and information from the cloud to users anywhere on the network. Examples of Presentation Virtualization software include Citrix XenApp, Microsoft Remote Desktop Services, and Microsoft Terminal Services. Presentation virtualization shares a single server operating system amongst many users, reducing cost and complexity.

**Desktop virtualization**, or Virtual Desktop Infrastructure (VDI), is a more sophisticated way to house and manage applications and information in local private clouds. VDI offers greater granularity and flexibility in operating system and application choice, and provides broader support for legacy and custom applications than presentation virtualization. In VDI, the user’s OS, applications and content don’t reside on a disc drive on the desktop but in a secure, isolated virtual machine in the private cloud. Users access this environment from cloud clients anywhere on the network. Examples of VDI software include Citrix XenDesktop, Microsoft VDI Suites, and VMware View. VDI delivers excellent application compatibility, as each user has his or her own OS and applications completely isolated from other users.

**Cloud PCs** centralize OS, applications and content for an enterprise in the private cloud and delivers them over the network to cloud PCs, executing the software there just like a legacy PC. Eliminating the PC hard disc in favor of more efficient centralized storage dramatically simplifies OS, application and content management, and provides application metering and reporting capabilities. Cloud PCs execute software on the client device, in contrast to presentation virtualization and VDI models, which centralize execution and only display the desktop on the client device. Examples of cloud PCs are Citrix Provisioning Server and Wyse WSM.

Web-based models use existing Web technologies to deliver purpose-built Web applications from the cloud to browsers residing on the cloud client device. This model simplifies application management, but requires all software to be designed for access via a browser.
Wyse cloud client devices
Cloud clients are a core component of cloud client computing. They improve on the PC paradigm by centralizing management and data storage to enforce security initiatives and reduce costs. Cloud clients simplify desktop management and deployment, while increasing reliability and lifecycle. By shifting computing complexity to the datacenter, where it can be managed by professionals, cloud client computing has been proven to increase user productivity by eliminating such break-fix activities as HDD replacements, crashes, memory upgrades, virus outbreaks and more.

Thin clients – Sophisticated, secure, friendly performance with flexible functionality

**Desktop thin clients**

Thin clients are designed to work with presentation virtualization, VDI and Web environments. If your users operate from a stationary office, Wyse offers desktop clients optimized for virtualization environments. Desktop units offer a broad range of mounting options for any work environment via an innovative mounting system that allows the unit to be conveniently attached to a wall or desk, the back of your display or in any space-constrained environment.

The following operating system descriptions introduce you to the broad spectrum of uses for desktop thin clients, enabling you to choose the model that fits your target environment best.

**Wyse ThinOS™**

When you need optimized performance and simplicity, choose a thin client based on the ultra-fast Wyse ThinOS. These stateless clients are tailored to deliver out-of-the-box, install-and-run simplicity. Wyse ThinOS offers the utmost security and protection from viruses and malicious software, because the software does not have a local Web browser or publicly exposed APIs that can be exploited by hackers, and no data is stored on the device. Cloud connectivity is achieved over wired and wireless networks using the popular protocols used by Citrix, Microsoft and VMware. Wyse ThinOS clients boot faster than any competing device, are self-managing, and automatically and centrally configured.
The affordable Wyse S10™ and more powerful Wyse C10LE™ thin clients are some of the smallest thin clients on the market. The functional and compact chassis has USB 2.0 plus serial or PS/2 ports, and fits just about anywhere, even on the back of a flat-panel display. The Wyse C10LE includes industry-first multimedia acceleration in hardware.

New! The Wyse T10™ thin client delivers the best Citrix, Microsoft, and VMware VDI user experience on a budget. Using the latest ARM system-on-chip (SoC) technology combined with the ultra-secure and fast Wyse ThinOS, the T10 offers plenty of connectivity options and sets a new standard for thin clients for those who demand the best combination of high security, performance and economy.

The flexible Wyse V10LE™ thin client is a faster and more expandable client, with broad support for rich multimedia applications, USB 2.0, PS/2, serial, and parallel type peripherals, digital or analog displays and optional integrated smartcard or wireless networking.

The powerful Wyse R10L™ thin client is the first performance-based thin client to support dual DVI-I video outputs, supporting two digital displays for excellent visual uniformity and increased workspace.

Check For new models at wyse.com/products

Wyse-enhanced Ubuntu Linux

For virtualized environments on a budget, our Ubuntu Linux provides a local Google Chrome browser, terminal emulation*, and local open source applications. Our newest thin client OS delivers the same management and configuration benefits of Wyse ThinOS, can be enhanced with add-on functionality, and they come with built-in virus resistance and a simple connection manager dashboard.

The Wyse T50 thin client delivers an outstanding Web, Citrix, Microsoft, and VMware VDI user experience on a budget. Uses the latest ARM system-on-chip (SoC) technology to deliver better performance than older 1.2GHz designs. “Plug and display” in less than 20 seconds. Wyse-exclusive RDP 7 delivers 4X performance over RDP 5.2 or 6. Hardware assisted video decoding displays vibrant SD multimedia and Flash in VDI and local browser. Includes Wyse automatic setup and management, eliminating need for manual utilities and wizards. Optional 802.11 b/g/n wireless support, DVI-I interface connects up to two displays with optional splitter cable. Four USB 2.0 ports, SD Card interface for additional storage.
Wyse Linux V6™, and Wyse-enhanced SUSE Linux Enterprise

For virtualized environments that also need a local Firefox browser, terminal emulation*, and local open source applications, our Linux offerings include the powerful Wyse Linux V6 and new SUSE Linux Enterprise based family. These adaptable thin clients provide the same management and configuration benefits of Wyse ThinOS. They can be enhanced with add-on functionality, and they feature built-in virus resistance and a simple connection manager dashboard.

The affordable Wyse C50LE™ thin client (with Wyse-enhanced SUSE Linux Enterprise) is one of the smallest, Linux-based thin clients on the market. The functional and compact chassis has USB 2.0 and PS/2 ports, optional internal WiFi, and fits unobtrusively on or under a desk, or can be easily mounted on a wall.

The flexible Wyse V50LE™ (with Wyse Linux V6) includes a powerful CPU; optional smart card slot; optional internal WiFi, optional CardBus/ PCMCIA slot; plus serial, parallel, PS/2, and USB 2.0 ports.

The powerful Wyse R50L™ thin client and more powerful Wyse R50LE™ (both with Wyse-enhanced SUSE Linux Enterprise) introduce a new level of CPU and graphics capability, with a powerful superscalar CPU, independent graphics processor and dual DVI outputs, optional internal WiFi b/g/n wireless networking, plus serial, PS/2, and six USB 2.0 ports. The Wyse R50LE thin client adds PCI Express slot expansion, and parallel port.

The new Wyse Z50S™ and Z50D™ (both with Wyse-enhanced SUSE Linux Enterprise) are the highest performing thin clients on the market. Single or dual-core AMD processors and a revolutionary unified engine offer an unprecedented user experience and eliminate performance constraints for high-end, processing intensive applications. One DisplayPort, DisplayPort to DVI-D optional, one DVI-I port, DVI to VGA adapter, Gigabit Internet, integrated a/b/g/n dual band WiFi, FiberNIC, four USB 2.0 ports and two SuperSpeed USB 3.0 ports. Legacy connectivity optional.

Check for New Models at wyse.com/products

*Terminal emulation options via Ericom PowerTerm® Terminal Emulation
Wyse-enhanced Microsoft Windows Embedded Compact

For virtualized environments that also need a basic local browser and terminal emulation, we offer clients based on the powerful, Wyse-enhanced Microsoft Windows Embedded Compact operating system. These models offer increased flexibility and performance, with the simplicity of Microsoft’s lite OS, allowing IT managers to take advantage of the ability to switch easily and rapidly between a PC-like desktop and connection manager dashboard, and leverage many supported peripherals and add-ons.

The affordable Wyse C30LE™ thin client combines small size and big performance in an affordable thin client. Includes a 1GHz CPU married to a powerful hardware video decoder for outstanding HD video playback. Includes Gigabit Ethernet, 2 PS/2 ports, 4 USB 2.0 ports, and DVI-I video port for 1 or 2 displays. Optional internal WiFi b/g/n with high gain antenna available.

The flexible Wyse V30LE™ provides a more powerful CPU, plus serial, parallel, PS/2, and USB ports and options including a smart card reader, WiFi, and CardBus/PCMCIA slot.

The sleek Wyse S30™ thin client with Windows CE 6 is ideal for small-footprint devices and connectivity with legacy systems. Support for the Wyse TCX software suite enhances your experience with audio, video and multimedia. Includes 10/100 Base T Ethernet, USB, VGA-type video output and audio in/out.

Check for New Models at wyse.com/products
Wyse-enhanced Microsoft Windows Embedded Standard

When you need native support for the latest clients, a full local Internet Explorer browser, require specialty peripherals, or want to embed supported Windows apps into the thin client, Wyse-enhanced Microsoft Windows Embedded Standard-based thin clients are excellent choices. This flexible, customizable and robust thin client family can fit the most demanding requirements.

Models are available with Windows Embedded Standard 2009 or the new Windows Embedded Standard 7. Wyse’s Windows Embedded Standard-based thin clients eliminate complicated wizards and manual setup utilities with the industry’s first auto-configuration capability, allowing you to go from carton to production in under 2 minutes.

The affordable Wyse C90LEW™ and C90LE7 thin client combines small size and big performance in an affordable client. Includes a 1GHz CPU married to a powerful hardware video decoder for outstanding HD video playback. Includes Gigabit Ethernet, 2 PS/2 ports, 4 USB 2.0 ports, and DVI-I video port for 1 or 2 displays. Optional internal WiFi b/g/n with high gain antenna available.

The flexible Wyse V90LEW™ thin client provides a more powerful CPU for broad multimedia decoding, plus serial, parallel, PS/2, and USB ports and options including a smart card reader, WiFi, and CardBus/PCMCIA slot.

The expandable Wyse R90LW™ and Wyse R90L7™ are powerful thin clients, with superscalar CPUs and powerful discrete video acceleration technology. Includes Gigabit Ethernet, 2 PS/2 ports, 6 USB 2.0 ports, and two DVI-I video ports for up to 2 displays. Optional internal WiFi b/g/n / Bluetooth with high gain antenna available. The Wyse R90LEW/R90L7 thin clients add PCI Express slot expansion and a parallel port.

The Wyse Z90 family is Wyse’s most powerful, with available dual core superscalar CPUs and powerful video acceleration technology. Includes Gigabit Ethernet, 2 SuperSpeed USB 3.0 ports (10x faster than USB 2.0), 4 USB 2.0 ports, DVI-I and DisplayPort video ports for up to 2 displays. Optional internal dual-band WiFi a/b/g/n with high gain antennas.

New! – The Wyse Z90DE7™ is a super high-performance, expandable Windows Embedded Standard 7 thin client for virtual desktop environments. Featuring an integrated PCIe expansion slot, the Z90DE7 provides all the extra displays or peripheral devices required for advanced applications such as digital signage, real-time process control, and strong second-order authentication. And with a dual-core processor and revolutionary unified engine, it eliminates performance constraints to achieve incredible speed and power for demanding embedded custom Windows applications, rich graphics and HD multimedia. Integrated Windows Media Player and Internet Explorer, Gigabit Ethernet, integrated a/b/g/n dual-band WiFi, FiberNIC and SuperSpeed USB 3.0. Smart card slot for integrated single sign-on and enhanced credential verification.
Mobile thin clients
For the mobile user, Wyse offers mobile thin clients that work from the office, to the conference room, to the field or at home. Models based on Wyse-enhanced Microsoft Windows Embedded or Wyse-enhanced SUSE Linux Enterprise offer a choice of screen size, weight, security and connectivity options. Designed for access to applications that are fully managed in the datacenter, Wyse mobile thin clients contain no HDDs and are therefore inherently more secure from theft, viruses and other malicious software attacks.

The ultraportable Wyse X90cw™ and X90c7™ (Windows Embedded) and Wyse X50c™ (SUSE Linux Enterprise) mobile thin clients are small and light, multimedia-capable, thin clients for any application needing mobility. The first mobile thin clients to support multimedia video playback capability, USB port virtualization, an 11.6 inch LCD wide screen, and WiFi b/g/n.

The new Wyse X90m™ and X90m7™ (Windows Embedded) and Wyse X50m™ (SUSE Linux Enterprise) mobile thin clients are desktop replacement, multimedia-capable, mobile thin clients. 15.4” Widescreen WXGA TFT LCD screen provides large viewing area. The Wyse X90Le mobile thin client adds integrated Bluetooth™ 2.0 and smart card reader.

Zero clients
Wyse introduced the first zero clients in 2006. For office workers or students in the classroom, zero clients provide a new level of simplicity. They are similar to thin clients, but dedicated to a particular usage scenario. With no local OS to boot, patch or manage, Wyse Zero Clients are completely protected from the threat of viruses or malware.

Next-generation zero client
In 2010, Wyse advanced the zero client concept to the next level, introducing the Wyse Xenith™ zero client, offering features unavailable on any other zero client device.
Wyse Xenith™ – zero client for Citrix delivers the ultimate solution for office workers connecting to Citrix XenDesktop. Outfit your cloud with the fastest, easiest to manage, and most secure Citrix client we’ve ever built – and that’s saying something. Wyse Xenith delivers instant-on, freedom from local management or configuration needs, malware immunity, exceptionally low energy use, and is the only zero client that offers the Citrix HDX™ experience. Wyse Xenith includes the Citrix Receiver for Wyse Xenith, developed by Wyse in collaboration with Citrix, providing a better user experience, lower TCO and longer service life, since it adapts to changes in the technical environment, the Citrix HDX protocol, network security protocols, and more. Includes a 1GHz CPU married to a powerful hardware video decoder for outstanding video playback. Includes Gigabit Ethernet, 2 PS/2 ports, 4 USB 2.0 ports, and DVI-I video port for 1 or 2 displays. Optional internal WiFi b/g/n with high gain antenna available. Wyse Xenith also supports Citrix XenApp Published Desktops.

Wyse Xenith™ Pro for more performance hungry applications – even HD Flash. 1.5GHz superscalar CPU and powerful discrete video acceleration technology. Includes Gigabit Ethernet, 2 PS/2 ports, 6 USB 2.0 ports, and two DVI-I video ports for up to 2 displays. Optional internal WiFi b/g/n Bluetooth with high gain antenna available.

Zero clients

The Wyse P20™ PCoIP zero client for VMware View delivers workstation class performance for advanced applications including CAD, 3D solids modeling, video editing and advanced worker level office productivity. Based on a hardware PCoIP® engine, this stateless zero client requires no local operating system. Includes Teradici 1100P PCoIP™ CPU, Gigabit Ethernet, 4 USB 1.1 ports, and two DVI-I ports for 1 or 2 displays.

The Wyse E01™ and the new E02™ zero clients for PC sharing in education provide affordable computing for classrooms. Designed to work with Windows MultiPoint Server 2010, they offer a truly low cost PC alternative through an innovative hardware design. Simply connect the E01 or E02 to the PC via USB cables, and the student is up and running in a matter of moments. Wyse E01 and E02 are the only PC sharing clients capable of supporting USB peripherals such as webcams and USB flash drives in conjunction with Windows MultiPoint Server 2010 - providing a rich Windows 7 desktop to students and maximum flexibility to teachers and administrators.
Cloud PCs

Need a PC on the desktop, but want improved flexibility, security and ease of management? Wyse cloud PCs are just like legacy PCs, but are disc-less, and store the OS, apps and user content in your private cloud.

Out of the box, cloud PCs contain no local operating system software on the device, but instead use OS and Application Streaming (OAS) to deliver a true PC experience with cloud computing benefits of centralized storage, control and simplified OS and application maintenance. The true PC OS and applications are delivered in real-time over the LAN from Wyse’s provisioning software (Wyse WSM™) in the datacenter cloud. Wyse cloud PCs can be provisioned with operating systems and applications compatible with Windows Embedded, Windows XP Professional, Vista and Windows 7. This combination works perfectly stand-alone or in combination with Citrix, Microsoft or VMware-based virtualization technology, and provides IT staff the ability to execute applications that won’t run on the server, on the desktop, just like a PC, while avoiding the management issues associated with a typical PC.

The Wyse C00LE™ cloud PC combines small size and big performance in an affordable unit. Includes a 1GHz CPU married to a powerful hardware video decoder for outstanding video playback. Includes Gigabit Ethernet, two PS/2 ports, four USB 2.0 ports, and DVI-I video port for 1 or 2 displays.

The Wyse R00L™ and more expandable Wyse R00LE™ cloud PCs provide a higher level of CPU and graphics capability, with a powerful superscalar CPU; independent graphics processor and dual DVI outputs, HD video playback, plus serial, PS/2, and six USB 2.0 ports. R90LE adds PCI Express slot expansion and parallel port.

The Wyse Z00D™ cloud PC is Wyse’s most powerful, with dual core 1.6GHz superscalar CPU and powerful video acceleration technology. Includes Gigabit Ethernet, 2 SuperSpeed USB 3.0 ports (10x faster than USB 2.0), 4 USB 2.0 ports, DVI-I and DisplayPort video ports for up to 2 displays. Optional internal dual-band WiFi a/b/g/n with high gain antennas.

The Wyse X00c™ and Wyse X00m™ mobile cloud PCs let you access the cloud while on the go. Sleek and secure, they offer great performance and a slim, lightweight design. Built-in Wyse WSM lets you connect seamlessly to a private cloud for fast, anywhere access to full-featured virtual desktops. Crisp LED-backlit display and support for the Wyse TCX software suite for virtual desktop environments. Built-in webcam, integrated wireless b/g/n, Bluetooth 2.1 and support for 3G cards provide everything needed for flexible connectivity and secure mobile access.

Check for new models at wyse.com/products
Wyse software solutions
Wyse Device Manager™

Wyse Device Manager simplifies IT management, reduces TCO and improves ROI by centrally controlling a world of intelligent devices — local and remote, wired, desktop and mobile. Use Wyse Device Manager to control, upgrade, protect and repurpose up to thousands of clients from a single console. Wyse Device Manager optimizes network bandwidth during software distribution operations, provides manual and automatic discovery of network-attached devices, and performs scheduled updates with its powerful and easy-to-use scheduling and device grouping capabilities. Network administrators gain the performance and flexibility they need to manage thin clients on the network. Using Web services technology, Wyse Device Manager is easy to use from anywhere on the network. Additionally, the Wyse Professional Services team is available to work with your unique requirements to ensure a successful implementation and smooth rollout.

Wyse Configuration Manager™

An industry first, Wyse Configuration Manager automates the deployment of Windows Embedded based thin clients through your private cloud or server, eliminating the need to configure clients with wizards or manual setup utilities. With Wyse Configurations Manager, new Windows Embedded thin clients go from shipping carton to productivity in less than two minutes.

- Select desired configuration one time, and Wyse Configuration Manager does the rest, automatically.
- No imaging or re-booting required; it works in concert with write-filter technology for advanced security.
- Supports SMB and enterprise environments.
- Supports stationary or mobile thin clients, in or out of the office.
- Integrates with Microsoft Active Directory, when present.
Wyse Enterprise Mobility Management™ (EMM)

Workforce mobility is the new normal in today’s enterprise. Employee productivity, customer satisfaction and company revenues depend on mobile workers’ ability to access corporate resources anytime, anywhere - across a multitude of mobile devices. Wyse Enterprise Mobility Management (EMM) makes managing an increasingly diverse and rapidly growing base of mobile devices simple and cost-effective. Through a single, cloud-based dashboard, organizations gain real-time visibility and centralized control over their iPhone, iPad and Android devices.

• **Cloud-based delivery.** No software or hardware required, easy to implement, easy to scale, cost effective to operate, highly flexible.

• **Mobile Device Management.** Comprehensive mobile device and policy management, centralized visibility and control, role-based dashboards and intuitive workflows across iOS and Android devices.

• **Wireless cost control.** Prevent unbudgeted international roaming and wireless cost overages though real-time alerts and proactive policy management.

**Virtualization software with Wyse Collaborative Processing Architecture™**

A Wyse Exclusive - Wyse offers innovative software that enhances the user experience with today’s presentation and VDI solutions. 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.

**User experience optimization – Delivering the best user experience available on a thin computing platform**

**Wyse TCX Suite™ 4**

Wyse TCX Suite 4 is Wyse’s solution for the best user experience possible, even when the user is thousands of miles away from the cloud or datacenter. Built into Wyse thin clients and available for supported PCs, this software suite adds key functionality to the popular ICA/HDX, RDP and PCoIP protocols. TCX includes functionality in these key areas:

- Multi-display
- Multimedia and Flash
- USB peripherals
- Bi-directional sound

For more information on the different infrastructure solutions, please visit wyse.com today.
User experience acceleration – Delivering more responsive VDI environments over long-distance networks

**Wyse Virtual Desktop Accelerator™**
Wyse Virtual Desktop Accelerator is a breakthrough software technology that improves user experience when the client device is far from the datacenter. Without any additional hardware, this product neutralizes the effects of network latency and packet loss, improving HDX and RDP protocol performance up to 20X.

**Repurposed PC software – Turn a PC into a VDI thin client in seconds, improving management and security**

**Wyse PC Extender™**
Have PCs that you’d like to use with virtualization, but want to reduce management, security risk and complexity? Wyse PC Extender software installs on modern PCs, replacing their prior operating systems, turning them into more secure, easier to manage thin clients, with support for key protocols from Citrix, Microsoft and VMWare. With Wyse PC Extender, you can extend the life of PCs while you prepare to replace them with cloud clients, and use the same software used in Wyse thin clients, so the transition is a snap for IT staff and users.
Cloud client software
Handheld device software – Your desktop in your hand

Wyse PocketCloud™

Need complete access to a cloud, your PC, Remote Desktop Services, a Terminal Server, VMware View or virtual machine from the palm of your hand? With Wyse PocketCloud™, it’s no problem! Wyse PocketCloud allows you to securely access your desktop anytime, anywhere on your iPhone, iPad, iPod touch or Android-based devices. Create your own private cloud, and search across all of the fixed and mobile devices within your cloud. With Wyse PocketCloud, your cloud is always just a hand-held click away.

Available now on the iTunes App Store and Android Market.

The Wyse Zero™ engine – Technology powering a new world of cloud connected smart devices

Wyse Zero™

The market for cloud connected smart devices is exploding – from desktop to mobile to handheld. Is your company developing a device strategy to take advantage of this opportunity?
Wyse is – and it’s Wyse Zero.
The Wyse Zero engine is software technology that simplifies the development of cloud-connected smart devices – it’s already in use in millions of devices, including thin clients, handheld smart devices, and zero clients. It connects users to cloud computing services and virtual desktops with efficient communications and protocol technology. For example, Wyse PocketCloud uses Wyse Zero functionality to expand the iPhone and iPad browsing capability to include Flash support, by intelligently using cloud resources.

If you’re looking to gain an edge in this market, start with something mature, tested and purpose-built. Wyse can help with portable software technology for use in building the next generation of smart devices connecting to the Internet and/or cloud services to provide virtual desktop access. Wyse Zero addresses limitations with current embedded options, which can be up to 1GB or more in size, and require time to boot and initialize. Since Wyse Zero is original technology, it does not need to be protected like Windows or Linux-based embedded products.

For more information on the different software solutions, please visit wyse.com today.

Mobile device management with Wyse Enterprise Mobility Management™
If you are looking for a simple, cost-effective way to secure and manage a growing mix of consumer devices, such as iPhone, iPad and Android, Wyse can help. The Wyse Enterprise Mobility Management solution delivers comprehensive mobile device and policy management capability, plus real-time visibility and centralized control of corporate and individual owned mobile devices. Through a single, role-based dashboard, IT staff can proactively enforce enterprise-grade policies to achieve secure service delivery across all devices.

Key features of Wyse Enterprise Mobility Management™:

- Asset inventory
- Application detection and inventory
- Password policies
- Email access management
- Application policies
- Device policies/restrictions
- Enterprise access policies
- OTA registration/enrolment of devices
- OTA configuration management
- Remote commands (wipe, lock)
- Real-time reporting and alerts
- Permissions management and admin audit trail
People are talking...
Healthcare:

**Norton Healthcare**

“Thin clients are the most effective, affordable way for us to meet our goal of leveraging MEDITECH to deliver better patient care, more efficiently. If we’d had to roll [it] out with only PCs to access the application, we wouldn’t have been able to deploy nearly as many computers, restricting staff’s ability to leverage the system to optimize patient care. With their cost savings and low ongoing maintenance needs, Wyse thin clients have helped us – and our patients – benefit fully from our switch to electronic medical information management.”

**Brian Cox, Director, IT Customer Service, Norton Healthcare**

**Kool Smiles**

“We knew we’d need to hold down the expense of supporting our IT infrastructure, and with Wyse, we struck gold. Thin clients have helped us optimize the productivity of our staff, and saved us huge sums we’d otherwise have had to spend on hardware, software, and support for PCs. They also helped us to start small and scale our systems to match our rapid growth, without incurring major expense or requiring painful transitions.”

**Mark Blomquist, Chief Technical Architect and Co-founder, Kool Smiles**

Call center:

**InfoCision**

The compact Wyse S30, based on Windows Embedded CE, provided InfoCision with an economical initial purchase cost, as well as ongoing savings thanks to lower operating and support costs. Instead of sending a team of up to six technicians to remote call center sites to perform upgrades, the company now manages all of the workstations remotely with a single support person.

“The solution has already reduced operating and technical support costs by nearly 75 percent.”

**Michael White, CTO, InfoCision**
Transportation:

**Regional Transportation District, Denver, CO**

“Economically, the total cost savings of owning thin clients compared to PCs is impossible to ignore,” says Ratcliff. “Environmentally, our sustainability committee was impressed by the energy efficiencies and subsequent reduction in carbon emissions that we could gain by deploying thin clients. And our users are happy with the way the Wyse thin clients help them meet the needs of our riders.”

*Trent Ratcliff, IT Infrastructure Manager, RTD*

General business:

**Reed Specialist Recruitment**

With day to day productivity a key concern for the Australian business, Rosa Scaffidi, IT Manager at Reed, explained why Wyse thin clients were selected during this phase, “We ran a trial of thin clients and Wyse was the front runner due to the speed of the boot-up and the easy-to-use management software. Also we had confidence in the brand and the long term support Wyse could offer.”

*Rosa Scaffidi, IT Manager, Reed*

Education:

**Danbury Public Schools**

“It wasn’t the upfront cost of PCs that made us turn to virtual desktops; the prices of PCs continue to drop and are seemingly attractive,” according to Sklyar. “The long-term implications of PC upkeep, however, are substantial. You could offer me an entire fleet of free PCs and it still wouldn’t make sense economically. The maintenance costs over time are too much to bear. Our biggest challenge is to make sure our technology infrastructure works. Thin clients help me assure that.”

*Yevgeniy Sklyar, Infrastructure Manager, Danbury Public Schools*
Minnetonka Public School District
“We’ve stretched our technology budget to provide four times more computers in classrooms than we could otherwise have afforded. We’re proud of the way we’ve delivered our students and taxpayers an astonishingly high return on their investment in education. We couldn’t have done it without Wyse thin computing.”
Julie Carter, Executive Director of Technology, Minnetonka Public School District

Rockhurst University
“Our thin-client implementation has achieved its goals and exceeded our expectations. Thin clients helped us meet our students’ needs by delivering greater availability, quieter working conditions, and reduced environmental impact. At the same time, they freed our IT staff to do more innovative work, and saved us money we used to spend on PC hardware and maintenance so that we can deliver greater value and new services that keep us attractive to the best students and world-class faculty.”
Michael Stanclift, Network Analyst, Rockhurst University

Vestby Kommune
“The Wyse solution provides each student with a unique personal profile, allowing them to access specific applications and course work online. It also allows them to access their profile from home, making homework more productive,” according to Lars Peter Lilleng, ICT Manager for Education and Vestby teacher. “The project has had a great environmental impact as well. In a recent review of power consumption for the municipality schools, it was estimated that the switch to thin computing has delivered an 80% reduction in power usage and cut the annual power costs by over £17,500.”
Lars Peter Lilleng, ICT Manager for Education and Teacher, Vestby Kommune

Government:

North Tyneside Council
“The Wyse solution fit our exact requirements and the Wyse technology is now a key element of our new IT infrastructure. We take our responsibilities to protect data extremely seriously. The new Wyse thin client infrastructure is another important line of defense that further minimizes the risks for the council.”
Mick Preston, IT Project Team Leader, North Tyneside Council
Trust the experts in cloud client computing

As the global leader in cloud client computing, Wyse and our partners understand the needs of both industry and the public sector, as well as the demands each places on technology. Our entire line of clients is compatible with Citrix XenApp, XenDesktop, VMware View, Microsoft Terminal Services and VDI Suites, and more from emerging leaders in this space. When you’re ready to improve information access and simplify management, turn to the one company totally focused on delivering cloud and virtualization solutions on your choice of server hardware. Nobody understands cloud client computing like Wyse. And we’ll prove it to you.

To start deploying cloud client computing in your offices, call Wyse or your local value-added reseller. For more information on thin computing, visit our website at wyse.com today. Or call Wyse now at 1-800-GET-WYSE.

Wyse Technology Inc.
3471 North First Street
San Jose, CA 95134-1801
wyse.com

Australia                         au@wyse.com
Brasil                            br@wyse.com
Canada                            can@wyse.com
China                             cn@wyse.com
Deutschland                       de@wyse.com
España                            sp@wyse.com
France                            fr@wyse.com
India                             in@wyse.com
Italia                            it@wyse.com
Japan                             jp@wyse.com
Latin America                     latam@wyse.com
México                            mx@wyse.com
Nederland                         nl@wyse.com
New Zealand                       nz@wyse.com
South East Asia                   sea@wyse.com
Türkiye                            tr@wyse.com
United Kingdom                    uk@wyse.com
USA                               sales@wyse.com

1-800-GET-WYSE
1-408-473-1200

wyse.com

Printed on recycled paper with vegetable-based ink. ©2012 The Wyse logo and Wyse are trademarks of Wyse Technology Inc. Other product names mentioned here in are for identification purposes only and may be trademarks and/or registered trademarks of their respective companies. Ubuntu™ is a registered trademark of Canonical Group Limited. Specifications subject to change without notice. Some features require support by server operating system and protocol.