

Desktop Virtualization Endpoint Solutions for SMB

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The VDI Endpoint Authority | **ViewSonic®**

SUMMARY:

Endpoint flexibility maximizes your desktop virtualization investment and allows for future scalability to meet your company's evolving needs. ViewSonic thin and zero clients offer forward-looking adaptability with logo-certification for all major remote networking protocols including Citrix® HDX, hardware accelerated PCoIP® for VMware® and Microsoft® RDP with Remote FX™.

The buzz around desktop virtualization shows no signs of subsiding, leaving many small-to-medium-sized business owners and IT managers wondering: is it a good fit for us? While individual circumstances and needs will vary, in many cases the answer is yes, desktop virtualization is ideally suited to the needs of the SMB segment. In fact, the bottom-line benefits offered by a Virtualized Desktop Infrastructure (VDI) can be particularly noticeable in smaller organizations, where every dollar spent – or saved – can make an impact.

If the initial costs of implementing VDI seem to present a road block, strategic consultant Marc Staimer advises that many cost-effective VDI strategies can be implemented with some outside-the-box thinking.¹ Staimer highlights solutions employing VDI optimization software, the use of a shared or clustered file system, and combining application virtualization with virtualization of the desktop. Another SMB-savvy means of achieving a secure, managed system is deployment of smart display clients, which offer the centralized management of desktop virtualization without requiring implementation of a backend data center.

VDI Options and Benefits for SMB

Further bringing desktop virtualization into the domain of the small and medium-sized business, there are now many options available aimed at easing the burden of implementation for smaller organizations. These include Citrix® VDI-in-a-Box, along with similar VDI appliance servers for VMware environments from 3rd party companies such as Pivot3, and V3 Systems. These VDI appliance options aim to greatly simplify the process of designing a VDI infrastructure, while helping to reduce costs and providing optimized performance.

Benefits of VDI for Small and Medium Business

- Enhances information security with centralized data storage, protecting against viruses, malware, theft, and data loss
- Centralizes management for reduced maintenance and management costs
- Scales easily for faster, more cost-effective deployment of additional resources
- Improves reliability, with typical endpoint lifespan 2x that of a traditional PC
- Uses about 80% less energy/user than a traditional PC for around \$30 annual/user savings
- Supports BYOD initiatives, enabling access to the desktop with tablets & other devices
- Enables efficient, secure data management for remote workers
- Reduces TCO with lower endpoint device cost, reduced energy consumption, greater reliability, maximized resource utilization, and reduced management resources



"...there are now many options available aimed at easing the burden of implementation for smaller organizations"



The resulting benefits of VDI can outweigh the initial start up costs in many ways. By eliminating the complexities inherent to operating and managing the PC-based model, desktop virtualization delivers savings via its:

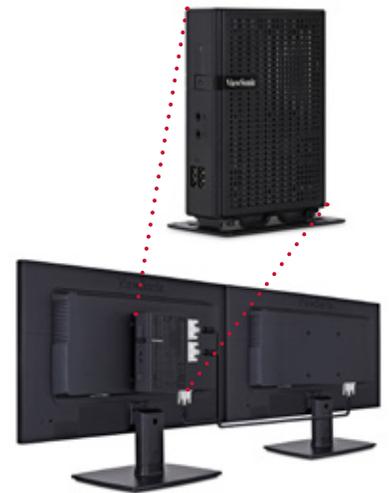
- Lower cost of endpoint hardware and longer hardware lifespan, for a reduction in PC refresh budget
- Reduced energy consumption – up to 80% less power than a traditional PC
- Reduced air conditioning requirements
- Maximized use of resources, allowing IT to focus on other key strategic initiatives
- Greater reliability and security, resulting in less downtime and improved employee productivity
- Centralized management resulting in reduced IT staffing requirements for deployment, maintenance, updates, and helpdesk support

ViewSonic® VDI endpoint advantages

ViewSonic has embraced the move to desktop virtualization, recognizing it as a natural complement to our diverse portfolio of display solutions. Building on our 25 year-plus heritage as a desktop technology leader, ViewSonic offers one of the broadest available VDI endpoint client portfolios. The only brand offering smart displays with Android® as well as zero client displays and discrete thin and zero clients, ViewSonic offers a unique mix of endpoint device options to meet the needs of organizations of all sizes.

Thin and zero clients

ViewSonic thin clients are certified for, and ready-to-go out-of-the-box with Citrix® HDX, VMware® Horizon View™, and Microsoft® RDP with RemoteFX™. Embedded with powerful technology from industry leaders like Intel, Microsoft, Teradici, and Texas Instruments, they deliver the computing power to meet the range of SMB needs, from the most basic configuration to larger scale implementations. Included device management software delivers powerful centralized control for an entire thin client network.



ViewSonic zero and thin client benefits

- Empower workers with anytime, anywhere access to company data and apps
- Support worker desires to use personal endpoint devices (BYOD)
- Free up space with slim, space-saving design
- Support hoteling and work-share configurations with efficient, personalized desktops on each log in
- Rapidly provision and update systems for multiple individual access profiles
- Reduce endpoint device costs by 50% and power consumption by up to 80% over traditional PCs

Optimized for VMware® Horizon View™, ViewSonic® zero clients deliver the highest levels of security and reliability in a virtualized desktop environment running on VMware, plus the computing power and scalability to quickly and efficiently accommodate everything from the sales and marketing teams to processor-intensive design applications. Manage it all simply and centrally with the free Teradici® PCoIP® Management Console.

All ViewSonic thin and zero clients feature an innovative stand design that easily converts for rapid mounting onto VESA-compliant displays.

Integrated zero client displays

For graphics-intensive usage or when it's time to refresh displays as well as endpoint hardware, ViewSonic offers integrated zero client displays optimized for users running VMware environments. Powered by Teradici® processors and offering high-resolution dual-display functionality, ViewSonic integrated zero client displays support 2D/3D graphic applications and deliver a rich multimedia experience for graphics-intensive applications and the most demanding users.

Smart display clients

When limited resources prevent implementation of a full VDI initiative, ViewSonic smart displays with Android® and embedded Citrix® XenMobile™ enable rapid deployment of SaaS and Web applications. Developed in partnership with Citrix for hardware optimization of the HDX protocol, these display clients deliver outstanding performance along with cost-effective adaptability, security, and control. Featuring a high-resolution touchscreen that mimics the tablet experience, ViewSonic smart display clients are ideal for organizations looking to combine the flexibility of a mobility platform with robust standalone usage and secure, VDI-like management.



With no backend virtualization infrastructure required, implementation is significantly simplified, lowering both costs and IT staffing requirements. IT is empowered with complete centralized control upon initial activation and approved apps and configurations are instantly deployed to users via a locked-down, extremely secure desktop that is customized to their login credentials.

Compatible with all Citrix products, ViewSonic smart displays can also run Android locally or be used with XenDesktop™ virtual desktop deployments.



ViewSonic integrated zero client display benefits

- Desktop virtualization in an integrated, space-saving design
- High resolution for graphics-intensive applications
- Dual monitor functionality for enhanced productivity
- Reduce endpoint device costs by 50% and power consumption by up to 80% over traditional PCs

ViewSonic smart display client benefits

- Developed with Citrix for HDX hardware optimization
- Offers a low-cost managed solution without requiring a backend datacenter infrastructure
- Natively runs local applications and multimedia, reducing demand on backend PC servers
- Delivers a responsive, tablet-like browsing experience
- Provides full HD touch display function for connectivity with PCs, notebooks, or tablets
- Easily mounts on monitor stand or wall
- Ideal for graphics intensive applications requiring a professional-grade display

Flexibility for the future

Endpoint flexibility maximizes your desktop virtualization investment and allows for future scalability to meet your company's evolving needs. ViewSonic thin and zero clients offer forward-looking adaptability with logo-certification for all major remote networking protocols including Citrix® HDX, hardware accelerated PCoIP® for VMware® and Microsoft® RDP with Remote FX™. All ViewSonic VDI endpoints integrate professional-grade components from technology leaders, and offer feature-rich specification sets to support evolving requirements and deliver years of productive use.

ViewSonic backs our VDI endpoint product portfolio with a three-year warranty and our more than 25-year reputation for customer-focused service and support. With an entrepreneurial drive to exceed our customers' expectations, we deliver value beyond the price of our products, but also in the strength of our partner relationships, and quality of our components, manufacturing, specifications, and support.



¹VDI best practices: Making VDI cost-effective for SMBs by Marc Staimer



For more information,
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