5 Ways VERDE™ Desktop Virtualization is the Simple, Smarter Solution

> "Virtualizing our desktop environment and using thin clients has reduced operating costs by 30 percent before you factor in the value of energy savings and simplifying operations."
>
> IT Architect,
> [Gruppo api Case Study](#)

If you are looking at desktop virtualization for your organization, you have probably seen solutions from a number of providers, and you have run across the good, the bad and the ugly. Desktop virtualization can be a homerun, career-advancing move, or it can take a decidedly different turn. Virtual Bridges knows that you have choices, and we want you to be confident in choosing VERDE. So here it is: **5 Ways VERDE Desktop Virtualization is the Simple, Smarter Solution.**

#1—Savings Superiority
Purpose-built for Desktop Virtualization, VERDE Delivers Lower CapEx. Really.

Unlike other providers, Virtual Bridges doesn't approach desktop virtualization as an afterthought or an add-on to server virtualization. We built VERDE technology from the ground up for desktop virtualization, which has resulted in tremendous opportunities for us to reduce costs and pass the savings on to you. In fact, the average cost savings of VERDE is 60%, and your storage costs can be up to 90% less compared to other solutions.

One of the key ways we lower your costs is through our Storage Optimizer technology. Storage Optimizer ([Deep dive into how our SO technology works](#)) lets you avoid the cost of expensive, third-party, tier-1 storage. VERDE works with Direct Attached Storage and any external Network Attached Storage (NAS) or Storage Area Network (SAN) while still delivering a highly desirable user experience.

VERDE can also help you lower costs by allowing you to repurpose older hardware. A dated machine that can't handle current operating systems may be the perfect vehicle to serve a thin client connecting your users to their modern, robust virtual desktops.

#2—Desktop Domination
Only VERDE Natively Delivers Windows and Linux Desktop Operating Systems

VERDE supports all major versions of Windows desktop, from Windows XP up through Windows 8. In addition, VERDE provides equal support for Linux desktops distributions, including Red Hat, Ubuntu, and more. Enabling Linux desktop virtualization is complex, so it is not surprising that other providers—if they try to support Linux at all—fall short.

VERDE, however, is an end-to-end solution for Linux desktop virtualization. We designed VERDE specifically to support Linux natively, without the need for third-party add-ons, and our testing encompasses both Windows and Linux environments.

The result of all of this is that, whether your desktop environment is Linux, Windows or both, you can manage all your virtual desktops from a single VERDE console ([Read this paper about how we manage Linux and Windows seamlessly](#)).

> "Virtual Bridges helps us reduce capital expenses by providing support for Windows thin clients running virtual Linux desktops. In addition, by enabling our department to move desktops into the secure data center and isolate access based on need or clearance level, the solution significantly improves security."
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> Representative from the U.S. Department of Defense, Military, US DoD Case Study

#3—Security Supremacy
VERDE Gives You Exclusive, Value-Added Security Capabilities

VERDE desktop virtualization has all the security advantages inherent to virtual desktops, but also allows you to bring additional security benefits to your organization.

For example, VERDE offers the option of using two layers of authentication. One layer is MAC address filtering, a VERDE exclusive capability, which allows admins to ensure that only specific client devices can connect to your virtual desktop infrastructure regardless of authentication method.

The second layer is the login/password authentication you expect from any solution, but even here, VERDE stands out with support for multiple LDAP services including OID, eDirectory and Active Directory from MS.

In short, if security is a top priority, VERDE should be at the top of your list (Read this paper on how VDI secures your data).

#4—Masterful Multi-Tenancy
ONLY VERDE Enables DaaS with Segregated Multi-Tenancy

If you need to manage multiple branches or LOBs but don't need a multi-installation headache, VERDE has you covered. VERDE lets you manage multiple departments from one console, but assign each their own individual hardware platform

Exactly how you set up your environment is up to you. You can manage a server cluster from a central console and then allow each organization to have administrators, or not. VERDE centralizes management and lets you apply role-based administration to assign different managers within different organizations.

As a result, no matter how large your enterprise, you can always segregate workloads based on users and still build holistic reports from a central management engine and a single pane of glass (Watch this short video of the Console in action).

> "It was important for us to maintain good performance even when 200 guests were launched concurrently."
>
> University Vice President,
> [Chuo University Case Study](#)

#5—Exceptional Experience
VERDE Delivers a Guaranteed User Experience for End-users and Administrators

A common concern for end users is that their virtual desktop will fail to deliver snappy performance. The good news is that we designed VERDE to deliver a great experience to users and administrators alike.

For example, VERDE lets administrators limit the bandwidth of the virtual interface, which is another way of saying you can put a cap on the maximum overhead allowed for each physical interface per user. You can drill this down to a specific user or specific group, and ensure that everyone gets a fair share of the performance pie.

Similarly, VERDE lets administrators regulate network traffic from the virtual machine level. This effectively does away with the classic problem in a virtualization environment, "Noisy Neighbor Syndrome."

Admins worried about audit trails, compliance and similar issues will be pleased at the extremely granular capabilities VERDE delivers in Role-Based Access Control (RBAC). Like most solutions, VERDE everyone allows you to limit access to resources based on basic roles such as administrator, master administrator, operational user and end users.

However, VERDE takes it a step further, allowing you to segregate specific functions based on the role. For example, you can define different levels of access for different administrators. VERDE delivers desktop virtualization the way administrators want it. ([Watch this video to see for yourself how simple the installation process is](#))

It may not be every day that you get to be the smartest person in the room, so don't pass up this opportunity. When it's time to grow, you WILL be the smart one, because VERDE offers easy licensing with no additional costs when you add servers. So go ahead, be the smartest. Get in touch and get VERDE today.

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