

Linux and Windows Desktop Virtualization in Government.

“The U.S Army is the single largest install base for Red Hat Linux.”

linux.com

FASTER AND EASIER



Discover new IT efficiencies with faster deployments and easier management.

LESS EXPENSIVE



Get all the benefits of virtual desktops at half the cost — without sacrificing features.

ONLINE, CLOUD OR BRANCH



Our technology works with your architecture to offer a solution that meets your needs.

Deep Inroads in Government

If the private sector has been slow to adopt Linux desktop solutions, it has not been because the US government wasn't leading the way. Linux has established a strong presence in government desktop infrastructures at various levels of government.

Nowhere is the Linux and Windows parity demonstrated more clearly than in the US Government Configuration Baseline definitions established by the National Institute of Standards and Technology (NIST) Information Technology Laboratory (ITL).

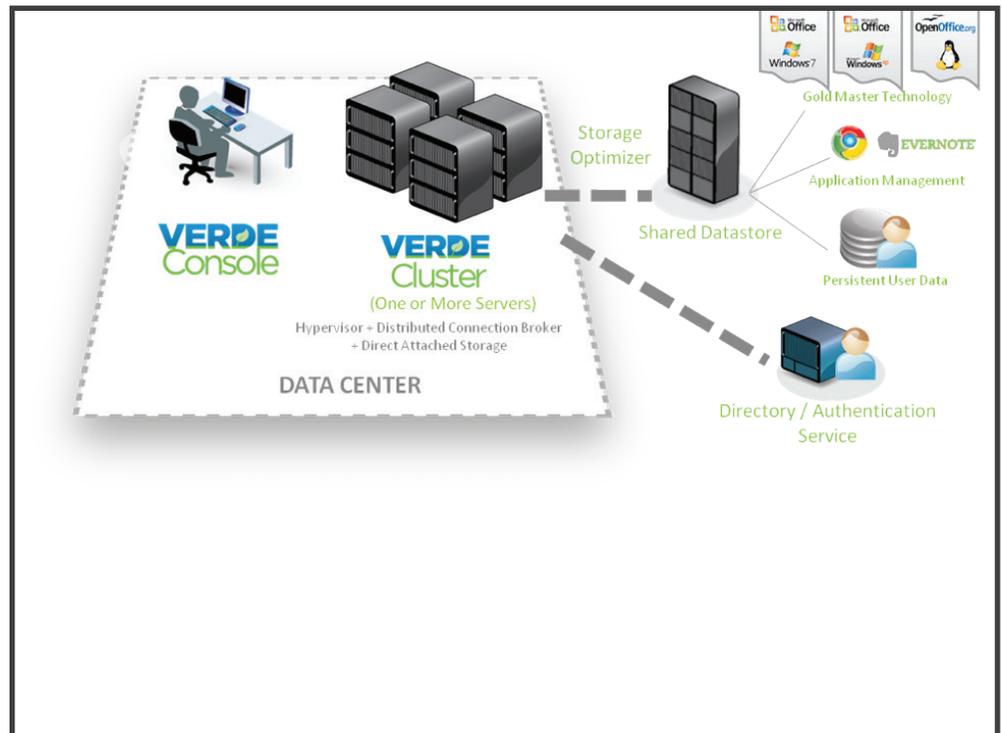
To promote government-wide security among federal agencies, ITL defined baseline configurations for the most widely used desktop operating systems, including Windows 7, Windows Vista and Windows XP from Microsoft and Red Hat Enterprise Linux 5 desktops.

But even as it has become increasingly common to find both Linux and Windows desktops in the same government agency, and often the same office, solutions that support Linux desktop virtualization have been lagging behind. Mainstream vendors have offered uneven support for Windows and Linux desktop virtualization, with solutions that require third-party add-ons or that simply don't support Linux virtual desktops at all.

VERDE VDI addresses the Windows-Linux desktop mix, allowing government organizations to run Linux and Windows virtual desktops quickly and easily in parallel.

The View from the User Perspective

A good desktop virtualization solution begins with a good user experience. With NComputing technology, Linux-based users begin quickly and easily with the web browser, just as Windows users do, and gain ready access to their virtual Linux desktop.



Linux and Windows Desktop Virtualization in Government.

The View from the Data Center

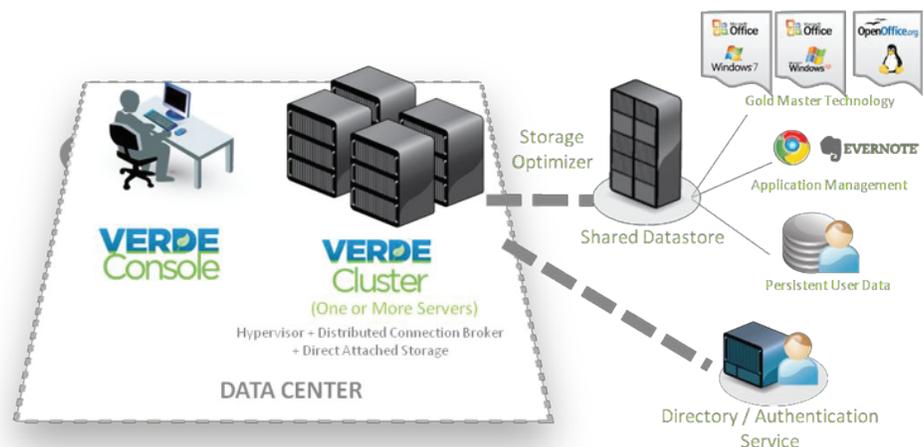
In the *NComputing* data center, the **VERDE VDI Core** and the **VERDE VDI Console** serve up and manage virtual desktops to wired or wireless devices using either a LAN or WAN. The data center architecture for any *NComputing* data center, including one that includes Linux, consists of the **VERDE VDI Core**, which forms the **VERDE VDI cluster**, and the **VERDE VDI Console**, which handles management. The cache-and-proxy model shown can continue to serve virtual desktops even if the link to the data center is broken.

“NComputing 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.”

U.S. Department of Defense Representative, Military*

Data Center Architecture

- VERDE VDI CORE (leveraging Linux and KVM)
- VERDE VDI Management Console
- Access via native GUI or REST API
- Runs directly on infrastructure, separate servers are not required
- Integration points for External Storage and AD



A Winning Solution for Government Entities

VERDE VDI delivers both Linux and Windows user desktops from the same platform, without requiring the addition of third-party software. There is no additional cost to this capability and there are no extra steps to having access to the functionality. As tablets, smartphones and other networked devices flood the enterprise, that ability is a key consideration in choosing a VDI solution. **VERDE VDI** supports any desktop in the enterprise, and is the only solution that truly solves the VDI challenges of cost, complexity and coverage.

*Identity withheld for security reasons.

