

Sun™ Rapid Solutions

Sun Managed Virtual Desktop Solution



Traditional PC environments have gotten out of control for many organizations. Sprawling user devices are causing more and more headaches—increasing management complexity and cost, putting confidential data and intellectual property at risk, and generally monopolizing energy and human resources.

You may have considered a thin-client architecture at some point. It's not a new concept—in fact, Sun has been successfully working this way for almost 10 years. Sun runs its own entire business based on virtual desktops. Now we've packaged our experience, best practices, leading technology, and services into a complete pre-architected desktop management solution. This comprehensive solution can help you meet today's demands while laying the groundwork for future growth.

Sun™ Rapid Solutions, Sun Managed Virtual Desktop solution provides a complete and fully integrated solution—offered as a service—to deploy, host, manage, and support your desktop environment. This solution is designed to dramatically reduce the cost and complexity of maintaining a desktop environment and improve security, mobility, and flexibility.

Sun Managed Virtual Desktop solution

- Hardware components – Sun Ray™ thin client; servers and storage for VM images
- Software components
 - Virtual infrastructure: VMware ESX 3.x and VirtualCenter
 - Connection broker(s): Sun Virtual Desktop Connector and support for VMware's Virtual Desktop Manager
 - A presentation software layer: Sun Ray Server, Sun Secure Global Desktop or Sun Virtual Desktop Infrastructure
- Sun Remote Operations Management
 - Remote Management, Remote Monitoring and Sun's Single Point of Contact Service

- Prescribed services
 - Assessment and Readiness Workshop
 - Installation services
 - Implementation of back-end infrastructure and Sun Ray devices
 - SunSpectrumSM Service Plan
 - VMware Service Plan

Sun Managed Virtual Desktop solution: More control. Less capital outlay.

The Sun Managed Virtual Desktop solution enables you to take back control of the user devices scattered throughout your company by implementing a flexible, low-risk, and cost-effective desktop environment along with necessary services to manage and operate that infrastructure. Because the solution is offered as a service, you can replace CapEx with OpEx—that is, you can replace the upfront capital expenses you regularly incur for new desktop technology with a predictable, easy to forecast and budget, fixed, operational cost.

Sun's solution also helps you dramatically reduce administrative, support, and energy costs. Centralized management, administration, and provisioning reduces management complexity and costs. Plus, the Sun Ray thin client is one of the most eco-friendly virtual desktop devices. Each Sun Ray device is about half the cost of the average PC, lasts longer, and needs to be replaced much less frequently. The long life of Sun Rays means less waste in landfills. Sun Rays are ultra energy-efficient, consuming only 4 watts of electricity—as much as the average night light bulb. The typical PC consumes 80 watts.

Highlights

- Achieve more than 40% TCO reduction and reduce desktop energy consumption by more than 50%
- Replace capital expenses for desktop refreshes with fixed, easy-to-budget operating expenses
- Reduce deployment risks and improve business agility with pre-defined architectural building blocks
- Increase the security and compliance of the desktop environment and eliminate threat of theft and malware by removing sensitive data from local devices
- Improve the efficiency of your employees by providing instant, flexible, and secure access to desktops as well as choice of desktop environment
- Reduce costs and complexity by consolidating desktops and applications into the datacenter and creating a centrally managed environment

More security. Less risk.

With the Sun Managed Virtual Desktop solution, you have the capability to centrally backup, restore, and safeguard enterprise data. There are no local hard drives, no local copies of sensitive information, and no threats of client-induced viruses, malware, or spyware. And theft or replacement of a Sun Ray thin client is not a security issue because there is no local data on the device to steal and Java™ technology-enabled ID cards and LDAP passwords screen for authenticated user access.

Software licensing also becomes less of a risk with Sun's solution. Application licenses are centrally controlled which makes license management, renewal, and audits easier.

More flexibility and agility. Less time to deploy and scale.

Faster desktop acquisition, provisioning, deployment, and software upgrades can translate to increased IT staff efficiency, improved user productivity, and faster time to market with products and services. To enable IT change to keep up with business change, the Sun Managed Virtual Desktop solution offers rapid provisioning at the server level. This allows you to quickly scale up or down without considerable investment or risk, giving you the opportunity to deploy critical applications faster and speed time to value.

More productivity.**Less management hassle.**

The Sun Managed Virtual Desktop solution enhances productivity and performance on many levels. First, the Sun Ray thin client's hot desking technology lets users move from any Sun Ray to another and resume their desktop sessions with true stateless, instant access—right where they left off.

Since the processing power is housed in the datacenter, not the desktop, you can easily scale to meet users' needs for more compute power. Instead of replacing or upgrading the individual PCs, you just scale up the back-end, vertically or horizontally.

Plus, this solution lessens management burden by making it simple to control the end-user desktop experience, manage firewalls, provision and patch/update, configure user settings, and generally support mobile users, remote locations, and distributed facilities.

More choice. Less lock-in.

With the Sun Managed Virtual Desktop solution, users can access Windows, Solaris™ Operating System (Solaris OS), Linux, AIX, HP-UX, AS/400, and mainframe applications—from one single device, all at the same time. And you have a choice of desktop environments—Microsoft Windows, Solaris OS, and Linux.

Positioned to scale from a single department to the entire enterprise, Sun's solution is built from pre-defined architectural building blocks which helps reduce deployment risks, simplify management, and improve business agility. The building-block approach to architecture is well-suited for phased implementation and capacity expansion. You have a choice between the Starter Kit for quick tactical deployments

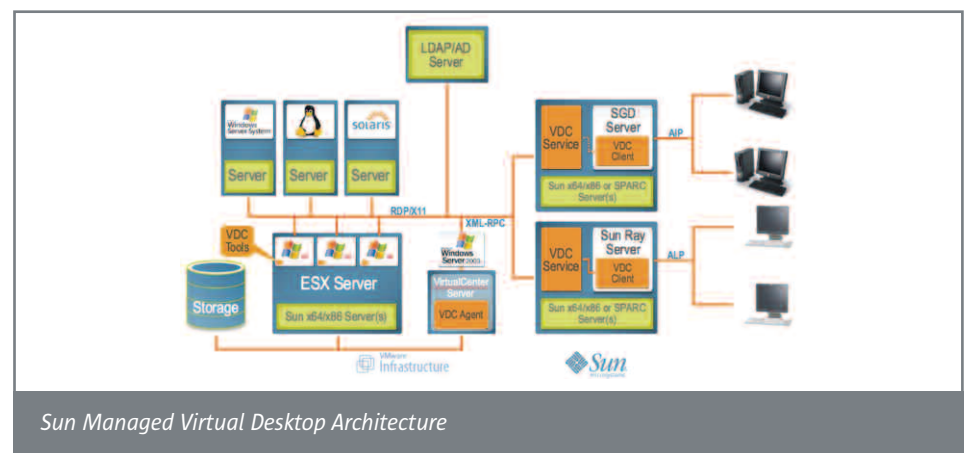
Learn More

For more information about the Sun Managed Virtual Desktop solution, please contact your Sun sales representative or authorized reseller or visit sun.com/managedvirtualdesktop

and the Enterprise offering with full enterprise, high-availability features and benefits. Sun Remote Operations Management service is an integral part of the solution offering, providing 24/7/365 remote monitoring and management with guaranteed SLAs. Sun offers a broad selection of prescribed, recommended, and optional services to prepare your business for a Managed Virtual Desktop implementation, get the implementation right the first time, then manage your environment for higher levels of availability and reliability.

Why Sun Rapid Solutions?

Sun Rapid Solutions give you a single point of contact to get it right the first time with tested industry solutions made up of our scalable, repeatable, open, and future-proofed technologies and services. Our combination of experience, knowledge, and best practices means your infrastructure is in good hands, so you can focus on your core business.



Sun Managed Virtual Desktop Architecture