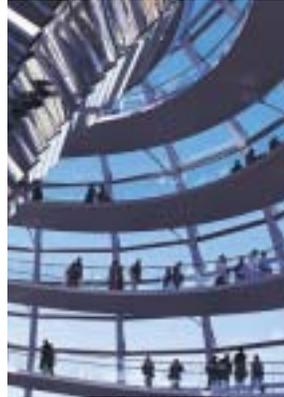


Sun™ Infrastructure Solution for Secure Network Access Platform

Meeting Challenges of Government Information Access and Collaboration



Key Highlights

Main Features Include:

- Tried, tested and trusted solution
- Role based access control
- Connect to multiple secure networks
- Ultra-Thin stateless client architecture
- Hotdesking capabilities
- Legacy interoperability
- Complete life cycle of services
- Policy driven record tracking, storage management, and back-up
- Open standards for interoperability and file compatibility
- Secured and predictable information access
- Server-side upgrades and maintenance

Main Benefits Include:

Mobility with Security

- Secure access to multiple networks
- Resistance to client-side virus, worm and hacker attacks
- Access to compartmentalized information

Efficiency and Flexibility

- Greater ROI with lower total cost of acquisition and ownership
- Desktop virtualization

Rapid Deployment Enables Faster Accreditation

- Minimize risk and speed deployment with ITIL compliant consulting services
- Simplification for the customer with Sun consulting services
- Proactively identify and resolve issues with Sun support services

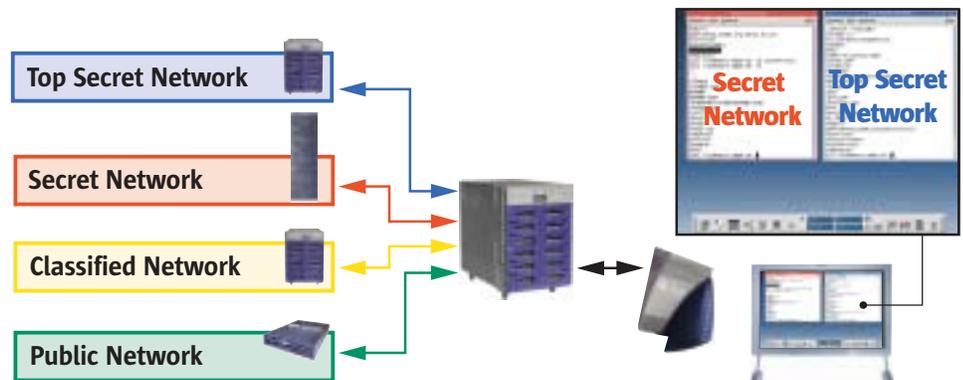
Secure Networks on a Global Scale

Managers of sensitive military, intelligence or law enforcement networks can now protect data more securely from would-be hackers, intruders and terrorists, with the help of Sun. The Sun™ Infrastructure Solution for Secure Network Access Platform creates protected communications channels for mission critical collaboration that help officials deal with the big issues they face. Whether they are armed conflicts, heightened international tension or threats of terrorism, these issues further the need for verified close collaboration among agencies across systems and networks. Unfortunately, this improvised collaboration often means scattered data, higher security risks, and higher costs for facilities and support, as well as complicated upgrades to legacy systems. Poor availability of data, the expense of training and redundant data network bring new challenges to today's defense and government agencies. Physical network separation has been a basic security policy. The result is multiple desktop systems—one attached to each network. This can cause inefficiency, delays and security and access problems.

Mobility with Security

Secure Network Access Platform replaces multiple PC fat clients with a single, ultra thin client front-end, to create a virtual collaboration space capable of accessing a set of physically separate networks. Using the Sun Ray™ ultra thin client appliance, users can be authorized to access applications and associated classified information from multiple networks through a trusted networking facility. The hotdesking capabilities of the Sun Ray appliance enable users to access their work environment from any Sun Ray appliance using only a smart card, or in combination with other biometric security measures.

Secure Network Access Platform for Government



Sun Infrastructure Solutions: Simple Solutions for Complex Problems

Secure Network Access Platform for government helps reduce system administration support and costs with server-side upgrades, maintenance and remote administration.

Unlike other thin-clients, the Sun Ray has no local resources where user information, transaction data or a system configuration state can reside. This helps prevent intellectual property and classified information theft. In addition, since they have only a dedicated functional purpose, Sun Ray ultra thin client appliances are also resistant to theft.

Secure Network Access Platform runs on the Sun Trusted Solaris™ Operating Environment, which provides built-in security on a commercial-grade OS, yet is certified at EAL4 for the Labeled Security Protection Profile, Role-based Protection Profile and Controlled Access Protection Profile. Trusted Solaris, is a virus-free platform that helps government and defense enterprises avoid the high costs associated with these attacks. According to the 2003 FBI Computer Crimes Study, viruses, on average, cost \$180,000 US Dollars in productivity and lost revenues for the typical enterprise. Extreme cases can run in the millions of dollars.

Build Flexibility and Efficiency into Your Network

Secure Network Access Platform for government offers a single access point for parallel networks. Real-time multi-layer secure access to information is made possible by the Sun Ray Ultra-Thin client desktop running Trusted Solaris, Trusted CDE Desktop, with Smart Card authentication. The Sun Ray Server holds a user's session regardless if they are "connected" to a Sun Ray ultra thin client or not. A user may use an

appropriate standards-compliant smart card to access a session and move it to any Sun Ray ultra thin client on the network. Since more and more applications are moving to server-side and becoming browser-based, front-end desktop virtualization is possible.

Interoperability with Citrix Systems' MetaFrame Access Suite enables the Secure Network Access Platform for government solution to increase administrative efficiency and leverage existing infrastructure. The Citrix MetaFrame Access Suite provides users with seamless, secure access to the mission-critical applications and information without having to rewrite, remove or replace existing infrastructure and applications.

Secure Network Access Platform for government helps reduce system administration support and costs with server-side upgrades, maintenance and remote administration. Sun Ray ultra-thin clients are simple plug-and-work, zero administration devices. Because they are Energy Star Compliant, they require lower power consumption when compared with Intel-based thin clients, plus have no fan, so they are ultra quiet. In addition, enterprises can now provide their employees with world-class office applications at a fraction of the cost of competing office suites. StarOffice™ Suite is the full-featured productivity suite from Sun Microsystems. The StarOffice software runs on Windows, Linux and Solaris OS, and has interoperability with Microsoft Office files.

Secure Network Access Platform for government offers low-cost computing options through the Sun Fire™ Servers, such as the Sun Fire V240, designed for deployment in a “lights out” environment. Combined with the Sun Ray ultra thin client, these products are designed for easy administration and maintenance enabling a single systems administrator to remotely and cost-effectively manage hundreds and even thousands of desktops.

Rapid Deployment Enables Faster

Accreditation Time

Sun Ray ultra thin clients are COTS products and enable rapid deployment in a pre-built Sun Ray network. To minimize risk and speed the deployment, Sun™ Services can help assess, architect, implement and manage a Secure Network Access Platform solution tailored to customer specific requirements. Secure Network Access Platform offers Information Technology Infrastructure Library (ITIL) compliant consulting services that include a workshop, proof of concept, architecture and implementation with state of the art methodology, as well as training and support. Sun Support Services help keep the solution running smoothly with proactive services that include Sun Software Support Services and Sun Spectrum Support Services. Training services are also available to provide the necessary skills to administer support and optimize the Secure Network Access Platform solution.

Key Components

- Sun Ray Desktop
- Trusted Solaris Operating System
- Trusted CDE Desktop
- Sun Ray Session Server
- Sun StorEdge™ Solutions
- Sun Fire Servers
- Sun Services: Sun Workshop, Proof of Concept, Architecture and Implementation for Secure Network Access Platform

Partner Technology

In addition to Sun products and services, Secure Network Access Platform is built on open standards and strategic alliances with best of breed application providers such as Citrix, Trusted Computer Solutions, Inc. (TCS), Cryptek, Tenix Datagate, Inc., AC Technology, and others.

Achieving Your Service Quality Goals with SunTone™

Meet your IT service delivery and management quality goals by applying the SunTone Program’s operational best practices to the ongoing service delivery and management of your Sun Infrastructure Solution. Extend your internal capabilities and multisource with consistent quality by choosing iForce™ Partners with SunTone certifications and SunTone Quality Enablers. Through an assessment provided by Sun Services or an authorized iForce partner, SunTone certifies the quality of ongoing service delivery and management practices and validates the solution’s capability of meeting increasingly demanding customer SLAs.

www.sun.com/suntone

iForce™ Program: Innovating with Partners for Customer Success

The Sun Infrastructure Solution for Secure Network Access Platform can be extended through the addition of components, applications and services from Sun’s market-leading, best-of-breed iForce partners to provide you with the best solution to solve your business problem.

www.sun.com/iforce/partners

Sun iForce™ Ready Centers

At the global network of the iForce Ready Centers, you can access infrastructure solutions and iForce business solutions to help solve your business problem. You can try out new concepts before buying any products, which enables you to find out what works right away in a risk-free environment. IT staff can leverage the combined expertise of Sun engineers and consultants, world-class iForce partners that include system integrators, solution partners, ISV’s, service providers, and OEMs, all in one place, sharing ideas and knowledge, and focused on helping to minimize the business and technical risks, costs, and implementation time frames of solutions like Sun Infrastructure Solution for Secure Network Access Platform. iForce Ready Centers give you the ability to get it right the first time.

www.sun.com/executives/iforce/centers

For more information about Sun’s iForce Initiative, including business solutions, partners, and centers, please visit www.sun.com/iforce

Sun Infrastructure Solutions: Simple Solutions for Complex Problems

It takes a systems company to solve complex systems problems. As a systems vendor, Sun can deliver simple and efficient end-to-end solutions that match application delivery needs from the workgroup to the data center. Sun Infrastructure Solutions are the essential system solution elements of the enterprise and network. Engineered to reduce the risk of deployment, these solutions represent deployed solutions that have been architected, implemented and managed using the SunTone design methodology in Sun iForce Ready Centers and customer environments around the world. Each solution includes a reference architecture, best-practice methodologies, sizing guides, Sun services and support, a list of qualified iForce partners, and financing and technology refresh services.

Get Started Today

For more information about Sun's portfolio of Infrastructure solutions, visit www.sun.com/solutions/infrastructure and get started today with a Sun Infrastructure Solution Workshop.

For more information about Sun Infrastructure Solution for Secure Network Access Platforms visit www.sun.com/solutions/infrastructure/secure

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