

Specs

- One DB9-M local terminal port on all models
- One built-in-modem for DSX16 and DSX32 (RJ11)
- One dedicated modem port for DSX4 and DSX8
- UTP (Cat5/5e/6) cabling, RJ45 connectors
- 19" rack-mount kit included with DSX16, DSX32

One Consolidated View



A single sign-on and single interface provides one consolidated view of all servers and IT devices at each remote office:

- No additional software is required.
- Simple point and click management.
- Single, fail-safe solution.



Dominion Model	Ports	Modem Connectivity	Height	Width	Depth	Weight
DSX4	4	Dedicated External Modem Port (DB9-M)	1.75" (44mm)	11.34" (288mm)	10.7" (270mm)	4.61 lb (2.08kg)
DSX8	8	Dedicated External Modem Port (DB9-M)	1.75" (44mm)	11.34" (288mm)	10.7" (270mm)	4.81 lb (2.17kg)
DSX16	16	Integrated 56K V2 Modem (RJ11 port)	1.75" (44mm)	17.25" (438mm)	11.34" (288mm)	9.61 lb (4.35kg)
DSX32	32	Integrated 56K V2 Modem (RJ11 port)	1.75" (44mm)	17.25" (438mm)	11.34" (288mm)	10 lb (4.53kg)

All Dominion SX Models	
Form Factor	1U, full width, rack mountable (brackets included on SX16 and SX32)
Power	110/220V auto-switching: 50-60 Hz
Environmental Requirements	
Operating Temperature	32° (0°C) to 104° (40°C)
Humidity	20% - 85% RH
Altitude	Operates properly at any altitude between 0 to 10,000 feet
Remote Connection	
Network	10/100 Ethernet (RJ45)
Protocols	TCP/IP, RADIUS, PAP, CHAP, HTTP, HTTPS, SSL, SSH, TACACS+, LDAP(S), SNMP
Warranty	Two years with Advanced Replacement* - Guardian Extended Warranty Available



Dominion SX Series

Secure, multi-user remote serial access of up to 32 target servers and IT devices

Dominion SX 4

– 4 Serial ports

Dominion SX 8

– 8 Serial ports

Dominion SX 16

– 16 Serial ports

Dominion SX 32

– 32 Serial ports

Secure Console Server...Serial Control via SSH and Web Browser.

Secure Out-of-Band Remote Management Capability with Maximum Security and Integrated Power Control

Dominion SX allows IT professionals to access, monitor and control all their serial devices securely, anytime from anywhere. Easy to install, simple to use, secure and scalable, the Dominion SX provides one point of control to manage a wide range of servers and IT devices:

- Servers & Headless Servers – Sun Cobalt™, Solaris™, HP-UX, UNIX®, Linux® Servers, IBM® AIX® Servers, Windows Server™ 2003
- WAN Equipment – ISDN Terminal Adapters, Channel Banks, CSU/DSUs, PBX/PABXs, WDM
- Networking Equipment – Routers, Ethernet Switches, Ethernet Firewalls
- Power Control – All serially controlled power strips and UPS devices

A cost-effective tool to reduce network downtime and IT costs With Dominion SX you can:

- Optimize and troubleshoot networks via proactive event notification and data logs
- Restore network connectivity and server operation via direct serial or dial-in network-independent access
- Manage remote locations 24/7 centrally from a single location
- Minimize travel to remote locations for troubleshooting and maintenance

Simple

- Easy and convenient point-and-click access via SSH or Web browser from a desktop or laptop
- Simple system administration tasks with customized TCL scripting for remote monitoring and event notification
- Plug and play setup with no complicated client software

Secure

- Encrypts all communications via 128-bit SSL with RC4 encryption or SSH v2
- Provides common Authentication, Authorization and Accounting (“AAA”) for all local and remote users and administrators

Anytime, anywhere access and control.

- Prevents unauthorized or inadvertent adds, changes and deletes, and does not allow access to the console server's operating system
- Supports user-defined security certificates
- Provides IP Access Control Lists (ACL) that restrict access from certain IP addresses

Scalable

- Supports up to 320 sessions on a single box
- Scales up to 10,000 devices when deployed in conjunction with Raritan's CommandCenter™

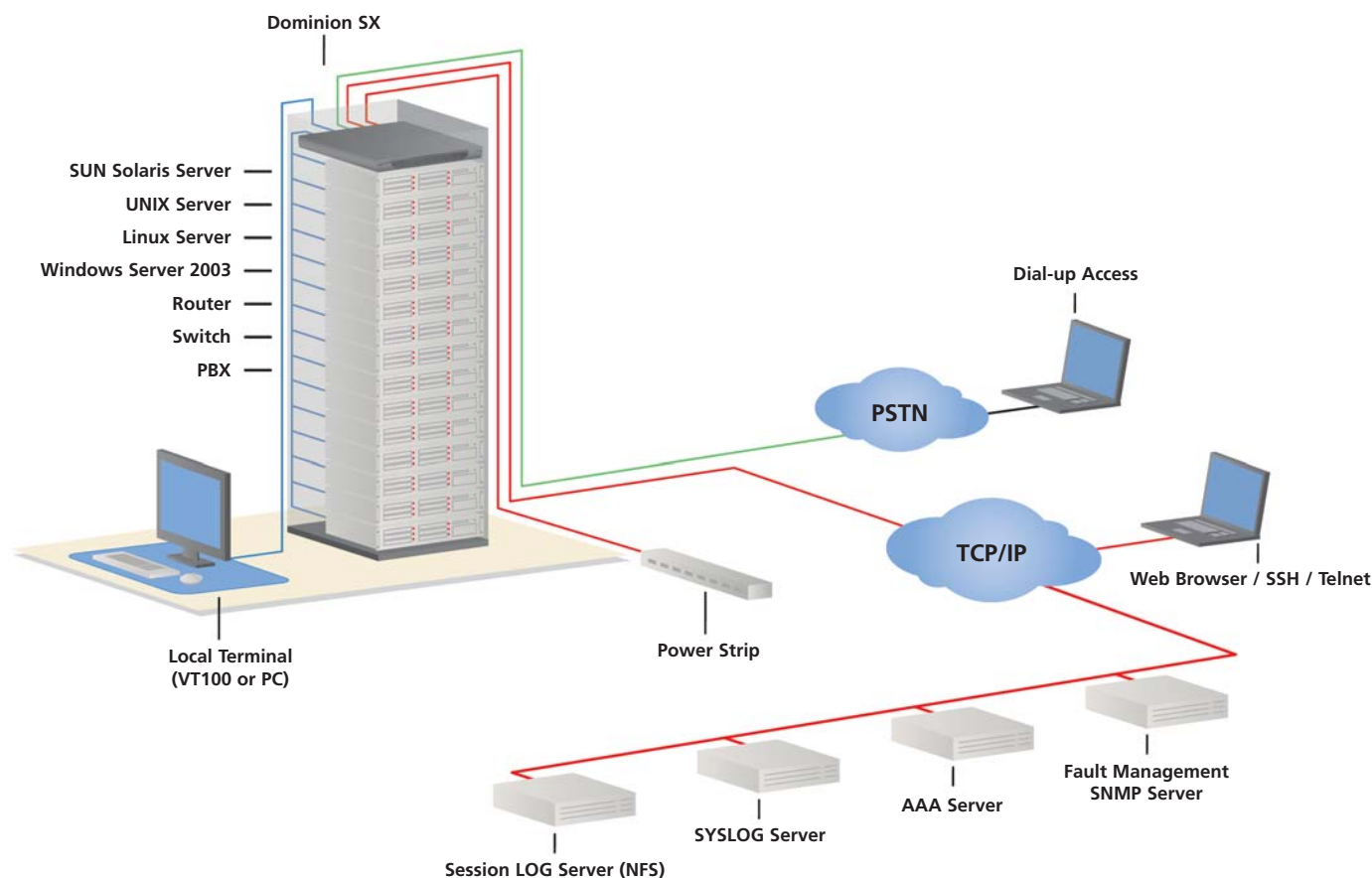
Feature highlights

- SSH, Telnet or Web browser for remote access
- Standard built-in modem in SX16 and SX32 models
- Solaris Ready™ (Sun® "break safe")

- RADIUS, LDAP, LDAP(S), TACACS+ and Microsoft Active Directory® support
- Local console port for "crash-cart" access
- Secure appliance - no user access to operating system
- Local and remote buffering/logging
- Centralized management - when integrated with Raritan CommandCenter, thousands of Dominion SX devices can be managed with centralized authentication and authorization using one IP address
- Broadest range of supported browsers
- SecureChat allows up to 10 users per port to collaborate with 128-bit SSL encryption
- VT100/ANSI emulation with dynamic font-resizing
- Windows Server 2003 EMS support

Applications

- Remote console management
- Server and network management



Secure console level management and cold start power

Security and Authentication

- Up-to-date SSHv2 and SSL
- SSL with RC4 encryption
- User ID and Password
- Support for different types of users with different privileges - administrators, operators and observers
- Authenticates and authorizes at per port level
- Primary and secondary RADIUS, TACACS+, LDAP(S), or Active Directory servers with failover
- User-defined/installable SSL security certificates
- Global Access Control List (ACL)

Console Management

- Multiple concurrent Telnet/SSH sessions (up to 320)
- HTTP/HTTPS (Java-enabled browsers: Netscape 7.0+, Mozilla 1.5+, Internet Explorer 6.0+ with Sun Java)
- Simultaneous access on the same port (port sharing)
- Port-sharing between SSH and Web SSL users
- Multiple users per port (SX4 and SX8 support 4 users per port, SX16 and SX32 support 10 users per port)
- SecureChat instant messaging between SSL users
- Copy and paste session information among different ports
- Windows Server 2003 EMS support

- Solaris Ready certified (Sun "break safe")
- Break-over-SSH support for Sun Solaris
- Session logging to NFS Server
- Independant offline port buffering

Management

- Command Line Interface (SSH/Telnet)
- Web management interface (HTTPS)
- Event notification via e-mail (SMTP)
- SNMP traps
- NTP support (primary and secondary servers)
- Syslog (primary and secondary servers)
- Firmware upgrade via FTP using GUI
- Raritan Power Control Unit managed via GUI or CLI

Operating systems

- Embedded Linux

Hardware

- 1U (1.75 inch, 45mm) rack mountable
- 4, 8, 16 or 32 RJ45 serial ports
- One 10/100Base-T Ethernet Port

When you're ready to take control,
do it with Dominion SX.

Call 1.800.724.8090 or visit raritan.com/sx

Raritan Computer, Inc. is a leading supplier of IT infrastructure management solutions for secure access, monitoring and management of servers and other IT devices in data centers and remote offices. Raritan was founded in 1985, and since then has been making products that are used to control millions of servers at more than 50,000 network data centers, computer test labs and multi-workstation environments around the world. From the small business to the enterprise, Raritan's complete line of compatible and scalable KVM and remote connectivity products offers IT professionals the most reliable, flexible and secure in-band and out-of-band solutions to manage data center equipment, while improving operational productivity. More information on the company is available at raritan.com.