

S2 Enterprise™ and S2 Enterprise Ultra™

Application Information for Version 4.0 and later

Feature Summary

- Web-based network appliance architecture
- *Zero footprint* means that there is no software to install
- Compatible with all standard S2 network devices
- Expanded capacities for scaled applications
- Easy retrofit to upgrade smaller S2 systems
- 1U (Enterprise) or 2U (Enterprise Ultra) rack mount enclosure
- RAID-1 storage for maximum reliability (Enterprise Ultra)
- Supports commercial off-the-shelf memory and peripherals
- Expandable RAM and hard disk arrays
- Backup to removable media, NAS, or FTP server
- Built-in web server and ODBC-accessible database
- DVD-CDRW drive for backup and load (Enterprise Ultra)
- Complete documentation library delivered to your web browser
- Built-in diagnostics simplify installation and trouble-shooting

Overview

The S2 Enterprise series Network Controllers bring the total cost of ownership (TCO) benefits of the S2 NetBox platform to applications of greater scale and complexity. Designing and implementing larger systems is straightforward with S2 Enterprise: simply substitute an S2 Enterprise or S2 Enterprise Ultra for the S2 Network Controller (S2NC) and gain increases in processing speed, storage, and the ability to support more S2 Network Nodes (S2NN) and web users on a single system.

As with the S2 NetBox, S2 Enterprise systems are network appliances with web-based, embedded software. There is no software to install on any client or server; a common web browser is all that is required to operate the system. Any of the popular web browsers can be used, making the system accessible to all users, regardless of operating system, whether local or remote, whether running a PC, Macintosh, or Sun workstation.

Installation is truly plug-and-play. Simply power up the S2 Enterprise processor, assign an IP address, and begin operation. The S2 Enterprise automatically recognizes S2 Network Nodes and application blades connected to your LAN, WAN, or the public Internet. Setup could not be easier: graphical displays help you configure your system with point and click simplicity.

Two models are offered for maximum flexibility. The standard S2 Enterprise offers the benefits of higher processing speed, as well as increased device and user capacity in a value-priced package. The S2 Enterprise Ultra includes a faster processor and larger RAM array, and adds the improved robustness of internal, hot-swappable redundant hard disks in RAID-1 (disk mirroring) configuration.



The S2 Enterprise (shown) and S2 Enterprise Ultra fit standard 19" racks

Beyond capacity increases, S2 Enterprise includes advanced capabilities that support your scaled environment. New software is easily loaded and automatically distributed throughout system components over the network. S2 Enterprise systems can be easily augmented with compatible applications from a number of third party vendors that provide video, visitor management, single signon, and other integrated solutions.

S2 Enterprise in Detail

A single S2 Enterprise-class controller can be located anywhere there is IP network connectivity.



S2 Enterprise or S2 Enterprise Ultra



Web browser



Local IP Network

Built-in secure message authentication protects communications over the network. It is even possible to route connections over the public Internet.



WAN / Internet



S2 Network Node



Remote IP Network

Multiple users can simultaneously operate the S2 Enterprise system using nothing more than a common web browser.



Web browser



S2 Network Node

Specifications

	S2 Enterprise	S2 Enterprise Ultra
Nodes/MicroNodes supported	64	256
Processor	Intel Celeron 2.0 GHz	Intel Pentium 4 2.8 GHz
RAM memory	1GB (2GB max.)	2GB (4GB max.)
IDE hard disk drive	80GB IDE	2 x 80GB SATA in RAID-1 configuration
CDRW/DVD-R	optional external USB	Internal, standard
Ethernet ports	2 (10/100)	2 (10/100)
Operating environment	0 - 40°C; 10 - 80% RH	0 - 40°C; 10 - 80% RH
Physical dimensions (w, h, d)	19" x 1.7" x 19.6" (1U)	19" x 3.46" x 18.9" (2U)
Weight	16 lbs (7.28 Kg)	30 lbs (13.57 Kg)
Power supply	200W, 100 - 240VAC	300W, 100 - 240VAC
MTBF	52,560 hrs (calculated)	52,560 hrs (calculated)
Certifications	UL 60950-1, CSA C22.2	

S2 Security Corporation

World Headquarters
50 Speen Street
Framingham, MA 01701 USA
Tel: +1 508 663 2500
Fax: +1 508 663 2512

S2 Security ASIA

808, #04-151 French Road
Kitchener Complex
Singapore 200808
Singapore
Tel: +65 65658916