

New Firmware Version 4.3 for Console Servers

Now available for the SCS820, SCS1620, SCS3205, and SCS4805 models of Console Servers.

Version 4.3 firmware brings new features and functionality to the SCSxx20 and SCSxx05 Secure Console Server products. The firmware is available on new products currently shipping and as an upgrade to existing units via a new download procedure.

In addition to maintenance updates, version 4.3 also includes these new features:

Feature	Description	Benefit
Unified firmware across products	Same firmware file is available for 8 through 48 ports products	Simplifies setup and training for Secure Console Servers by providing the same interfaces and commands on all products.
DHCP (Dynamic Host Configuration Protocol) support	Parameters added to allow a DHCP server to automatically assign an IP address to the console server	Eliminates the need for static IP address assignment and shortens configuration time.
Telnet to port	<p>Telnet to a predefined TCP port, which connects directly to a physical port on the console server.</p> <p>Telnet to an IP address, which is assigned per physical port.</p>	Allows greater flexibility in accessing the devices connected to the console server.
Sendmail	Console Servers can send an email to an administrator or user when an event occurs with the output of the port data log.	Reduces downtime by proactively notifying users when problems may occur and supplies data log information to help find the problem.
Restore factory default	New command to restore the console server to the default settings.	Useful for clearing configurations if passwords have been forgotten or the console server is being re-deployed in a new application.

Configuration save/configuration load	New commands allow configurations to be saved to and loaded from and external FTP or TFTP server.	Protect configurations by storing a back up copy. Save set up time by copying configurations from one console server to others.
Remote firmware upgrade	New command to upgrade firmware from an external FTP or TFTP server.	Take advantage of new features by upgrading console servers that are already installed.
Modem control	External modems can be used on any port on the console servers.	Adds remote access and out of band management capability to the SCSxx05 products and expands the capability of the SCSxx20 (already supports internal modem).
RADIUS support	Add RADIUS as an authentication option.	Use your external RADIUS server to authenticate users to the console server.
Default NIS port permissions	Adds a default set of port permissions to apply when a user is authenticated via NIS.	Simplifies configuration if NIS settings have not been set up.
NTP improvement	Automatically synchronizes the system clock to an NTP server.	Eliminates need to set the time on the console server.
NFS support	Log buffered data to a file on a remote server across the network.	Adds greater flexibility in files sizes and access by storing on a remote server.

For more detailed information on the pinouts of these adapters, see pages C3-C6 of the User Guide: <http://www.lantronix.com/support/docs/>