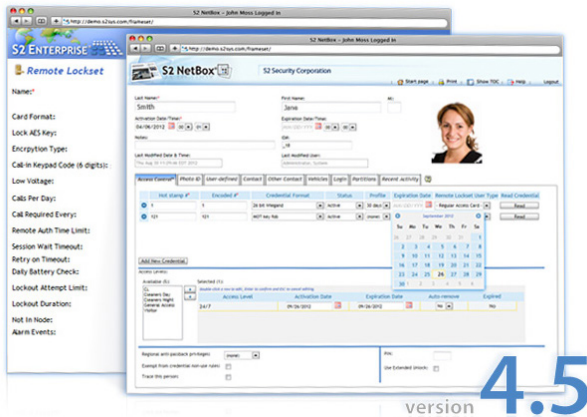# Product Update: Version 4.5 Software for S2 NetBox® and S2 Enterprise®

It just keeps getting better...

S2 SECURITY

version **4.5**

NetBox® version 4.5 includes new features, as well as enhancements to existing ones – many that arise from user requests. Administrative users will appreciate the further enhancements made to the report writer, which delivers professional quality reports effortlessly. System designers can make use of a number of new device integrations.

Some of the new features and enhancements available in S2 NetBox® and S2 Enterprise® v4.5 include:

- Third party integration
- Enhanced report formatting
- Alarm mode selection
- Flexible keypad programming
- Expanded product training
- Additional elevator access privileges
- System storage monitoring

Device and System Integrations

Version 4.5 supports new integrations with third party systems and devices that expand the functionality of the S2 Enterprise and NetBox systems.

The new software integrates Cisco's Video Surveillance Manager (VSM) to offer their users best of breed access control solutions.

The integrated offering can also run as a virtual application on Cisco's Unified Computing System (UCS) hardware, making it a very convenient deployment for users of Cisco computing equipment.

A significant focus of the new software is legacy device support. This version includes full support for the Mercury Security M5 Bridge, bringing a current technology, web-based appliance to owners of legacy Casi Micro/5 hardware.

Additional devices integrated into S2 systems include certain Honeywell legacy access panels, and Allegion Schlage AD-400 wireless locks.

Better Reporting

Now users have more control over how they design reports and manage the reporting function.

V4.5 lets users format column widths and headers, select paper size with portrait orientation, and wrap text, resulting in better looking, more professional reports. A report guide provides a pictorial representation of the column layout for review.

And now, Report groups include predefined reports, allowing administrators to better control access to the information delivered in the reports.

Control and Convenience Features

In version 4.5, individual events can be marked as accepting bulk annunciation and acknowledge, or requiring individual, per-instance acknowledgement. Events are available in both the Alarm Workflow and Event Widgets.

With 4.5, users can program keypads to quickly perform system functions from access control keypads. The keypad commands are two-digit codes mapped to events defined in the system allowing keypads to be programmed to perform routine arm/disarm, lock/unlock, and numerous other system functions.

Finally, this version includes video-based training for the Forensic Desktop in the VR-Series products. This series of five built-in tutorials covers the basics and several useful techniques for investigations using the Forensic Desktop.

Feature Highlights for S2 NetBox Version 4.5

Admin Functions	**Reporting** ■ When custom reports are run interactively, results are displayed in HTML format by default. Links are provided for PDF and for CSV formatting. ■ The Report Output setting specifies page orientation (portrait or landscape), page size (letter or A4) and column's width in inches. A report guide provides a pictorial representation of the column layout for review. ■ Report groups now include predefined reports allowing administrators to assign privileges to specific predefined reports. **Edit Visible Person Record for Partitions** ■ Select "Allow edit of persons made visible," to allow editing of all person records made visible to administrators in partitions other than their own.
3rd Party Integration	**Mercury Panels** ■ *Escort Capability*: Use "Escort" or "Requires Escort" to enable access of one or more people requiring an escort. ■ *Debounce and Hold Time Supports for inputs:* configure the input's Debounce and Hold Time settings. **Mercury and Mercury-Powered Hardware Integrations with NetBox Extreme, Enterprise, or Enterprise Exacta systems:** ■ **Mercury M5 Bridge devices:** Upgrade sites with legacy Casi Micro/5 hardware installations by replacing Casi boards in their Micro/5 (M5) enclosures with M5 Bridge boards. The retrofitted hardware integrates with the S2 system. ■ **Schlage wireless devices:** Schlage AD-400 wireless locks and WRI400 wireless access point modules (WAPMs) can be integrated into an S2 system supported through S2's existing Mercury EP-Series integration. ■ **Honeywell PW-Series devices:** The supported PW-Series devices are controlled by and connected to the intelligent control module PW6K1IC. The integration is supported through S2's existing Mercury EP-Series integration. **ASSA ABLOY Remote Locksets** ■ Support for ASSA ABLOY IN120 Wi-Fi enabled locksets.
User Interface Workflow	**Elevator Access** ■ Schedule actions and perform manual overrides to provide free access privileges for one or more elevator groups. **Events** ■ Select alarm modes to specify how events will be reported in the Events and the Alarm Workflow widgets, the modes are: Activations do not display alarms; Multiple activations display a single alarm; Multiple activations display multiple alarms. **Keypad Commands** ■ Place keypad or combination reader/keypad device into command mode by assigning it a set of keypad commands. Cardholders with permissions can enter commands from the assigned keypad.
Training	**Forensic Desktop Video Tutorials** New video tutorial series covers basics of retrieving recorded surveillance video and several advanced features and techniques. Access videos from the Forensic Desktop, or from the Tutorials link under Support/Utility in the main menu.
Storage	**Storage Management** ■ Configure disk usage Caution and Warning thresholds on the new System Storage Monitor page to manage thresholds. Use Remediation option to automatically delete certain files when the Warning threshold is reached.
VMS	**Video Management Systems** ■ The supported cameras and encoders list for S2 VMS products is available on s2sys.com on the *More Information* tab of the NetVR® and NetBox VR product page.