Version 4.9.12 NetBox software introduces new storage and health management capabilities, enhanced S2 Cumulus support for S2 Global, more control over S2 NetBox systems from S2 Global and other updates.

**System Health and Maintenance**

The System Health and Maintenance page includes new health email notifications as well as disk usage, FTP and NAS monitoring.

- Select a group to email when there is a status change detected at a health monitoring point
- Monitor the status of the system's disk storage and generate alerts when disk usage reaches high-limit thresholds
- Utilize new monitoring points for FTP and NAS backup servers and generate alerts if either server is disconnected
- Use separate monitoring points for the system's backup and archive utilities

**Enhanced S2 Cumulus Support for S2 Global**

S2 Cumulus now makes it easy to register and monitor S2 NetBox systems that are connected to S2 Global.

- Register S2 Global on S2 Cumulus and automatically register any connected S2 NetBox system at the same time
- Automatically register any S2 NetBox associated with S2 Global in the future
Other Updates

**Custom User Roles in S2 Global:** Users can now create custom S2 Global user roles to limit users’ permissions in S2 Global and S2 NetBox Controller partitions.

**Portal Unlock from S2 Global:** Directly from the GSOC, users can display a list of portals in the Controller partition and momentarily unlock a portal.

**Data Operations Security:** When setting up a NAS storage location for Data Operations imports, users can select from a list of security protocols for authenticating communication with the remote server.

**Enhanced Cameras Report:** The cameras report now includes any associated reader event or NVR for each camera.

**Additional Mercury Panel Support:** Credential formats supported by Mercury panels have increased from 8 to 16.

Version 4.9.12 supports S2 NetVR® and S2 NetBox VR Version 1.8.8. This document describes only some of the release’s capabilities.

The following S2 hardware is eligible for upgrade to Version 4.9.12 and later:

- S2 NetBox Enterprise 50/100
- S2 Enterprise Ultra/Select
- S2 NetBox with N2800 processor
- S2 NetBox Extreme with N2800 processor
- S2 NetBox VR
- S2 NetBox VR Quatro

If you have traditional S2 hardware that is not listed here or are not sure how to identify your hardware, please log in to Support Central and view the **S2 Forward! Traditional Hardware Identifier** on any S2 NetBox Series Support Page.

For more information, please visit s2sys.com.