

All Server Technology Sentry Cabinet Distribution Units support firmware flash update. The firmware version supported depends on several System Information factors, including the Hardware Revision Code and the Product Code. This document details identifying both to determine if the Server Technology CDU can accept the latest version 7 release, and which binary update file is correct. This document does not apply to PRO1/PRO2 PDUs which run version 8 firmware.

### System Information

System Information is obtained by using the command-line interface (serial/console session, or over the network via Telnet or SSH), or by using the web UI via a HTTP/S browser session. Administrator-level login is required.

#### Command Line Interface:

Issue the following command: `SHOW SYSTEM` <Enter>

Actual results will vary but will be like the following:

```
Switched CDU: SHOW SYSTEM

System Information

F/W Version:      Sentry Switched CDU Version 7.0m
NIC S/N:          8348038
MAC Address:      00-0a-9c-53-bb-a6
H/W Rev Code:     64 (NIM-1)
Flash Size:       2 MB
Uptime:           6 days 0 hours 31 minutes 47 seconds
```

#### Web Interface:

Navigate to the “Configuration - System” page:



### Hardware Revision Code

The network interface module in Server Technology networked/primary CDUs contains a “Hardware Revision Code” identifier that determines ability to accept version 7 firmware. The Hardware Revision Code (H/W Rev Code) string starts with a one- or two-digit number. **The number must be “32” or greater for the unit to accept version 7 firmware.** In most cases it will be either “32”, “64” or “65”. Contact Server Technology Technical Support if the number is less than 32 for assistance identifying the final firmware release supported by your CDU.

### Product Code

The network interface module in Server Technology networked/primary CDUs contains a Product Code that is used to identify which firmware series is correct. Choices are “Switched CDU Firmware”, “Smart CDU Firmware” and “-48V CDU Firmware”.

**The Product Code is the fourth octet in the CDU’s Ethernet MAC address (e.g., the "53" in "00-0a-9c-53-bb-a6").**

#### **Switched CDU Firmware:**

Sentry Switched CDU v7 firmware applies only to products with a product code of **11, 51, 52, 53, 54, 55** or **56** hexadecimal.

#### **Smart CDU Firmware:**

Sentry Smart CDU v7 firmware applies only to products with a product code of **50, 4F** or **4E** hexadecimal.

#### **-48V CDU Firmware:**

Sentry Switched -48V CDU v7 firmware applies only to products with a product code of **12** hexadecimal.

### CDU Firmware Downloads

The current firmware version is 7.1f, released January 19, 2021. Following are links for each product category for downloading a zip file that contains the v7.1f binary and the applicable release notes. Choose appropriately.

#### **Switched CDU Firmware:**

[swcdu-v71f.zip](#) (contains “swcdu-v71f.bin” and “swcdu-history.txt”)

#### **Smart CDU Firmware:**

[smcdu-v71f.zip](#) (contains “smcdu-v71f.bin” and “smcdu-history.txt”)

#### **-48V CDU Firmware:**

[swdc-v71f.zip](#) (contains “swdc-v71f.bin” and “swdc-history.txt”)

*NOTE: Server Technology expansion/secondary CDUs do not require firmware update.*