

## Can I update my CDU to the latest version 7 release?

All Server Technology 3<sup>rd</sup>-generation (Sentry3) Cabinet Distribution Unit products support firmware flash update. The latest firmware release supported depends on several factors, primarily CDU age. This document details identifying if a particular Server Technology CDU can accept the latest version 7 update, and which binary update file is correct. This document does not apply to PRO-series (Sentry4) products which run version 8 firmware.

### Hardware Revision Code

The network interface module in Server Technology master CDUs contains a “Hardware Revision Code” identifier that determines ability to accept version 7 firmware. Viewing the Hardware Revision Code through the system interface requires administrator-level login and can be found through either a command-line interface session via direct serial RS-232 connection, Telnet or SSH, or through a graphical web interface session via HTTP/S.

The Hardware Revision Code (H/W Rev Code) string will start 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 additional assistance identifying the final firmware release supported by your CDU.

#### Command Line Interface:

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

Actual results may vary but will be similar to the following:

```
System Information
F/W Version:      Sentry Smart CDU Version 7.0c
NIC S/N:          8047295
MAC Address:      00-0a-9c-50-b8-bf
H/W Rev Code:     32 (ME)
Flash Size:       2 MB
Uptime:           22 days 5 hours 34 minutes 29 seconds
Active Users:     1
```

#### Web Interface:

Navigate to the “Configuration - System” page:



The screenshot shows the web interface for a Sentry Switched CDU. At the top, it displays 'Sentry Switched CDU' with the PIPS logo. On the right, it shows 'Location: [ ] User: ADMN' and 'IP Address: 10.1.2.141 [ ] Access: Admin'. Below this is a navigation bar with 'Configuration - System' selected. Underneath, there is a 'System' section with a sub-section for 'System information'. The system information is displayed in a table:

Firmware Version:	Sentry Switched CDU Version 7.0m
Ethernet NIC S/N:	8348038
Ethernet Address (MAC):	00-0a-9c-53-bb-a6
Hardware Revision Code:	64 (NIM-1)
Flash Memory Size:	2 MB
Uptime:	6 days 0 hours 31 minutes 12 seconds

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### **Product Code**

The network interface module in Server Technology master CDUs also 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 "50" in "00-0A-9C-50-00-00").**

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

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

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

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

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

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

### **Rack PDU Firmware Downloads**

The following link will take you to Server Technology’s Rack PDU Firmware Downloads web page:

<https://www.servertech.com/support/rack-pdu-firmware-downloads>

Alternatively, use one of the following hyperlinked images to go directly to the appropriate product category:



Note: Server Technology 3<sup>rd</sup>-generation (Sentry3) CDU/PDU products are not capable of running version 8 firmware. If a page per an above link presents both v7 and v8 firmware, be sure to choose the version 7 release.