Cisco D9858 Advanced Receiver Transcoder Software Version 4.00 Release Note

Overview

This document describes the improvements, resolved issues, and known issues in software Version 4.00 for the Cisco D9858 Advanced Receiver Transcoder. This version supersedes Version 3.96, providing resolutions for several issues.

New Features

Subtitle Burn-In support is a new feature available for the D9858 in software Version 4.00.

Improvements and Maintenance

The following improvements and fixes are included in software Version 4.00:

- Faster Live Event Controller (LEC) scheduled tuning
- Updated web GUI

Resolved Issues

The following issues are resolved in Version 4.00:

ID	Description
CSCug85023	**No WSS data in Auto AFD mode when no AFD present**
Issue	When Auto AFD mode is selected and no AFD is present, the WSS data is not provided.
CSCuc29147	**SSH: Periodic Nmap port 22 probes causes a reset within an hour**
Issue	If the scripts that are being executed uses periodic nmap commands on port 22, the unit may reboot.
CSCui42734	**DPI messages are corrupted when DPI position in PMT changed**
Issue	If DPI PID is scrambled and its position is changed in PMT, the DPI messages on the output of the decoder are corrupted.
CSCug49196	**DPM: When ASI set to No Output, Inband Control drops MOIP PEs**
Issue	When the ASI Output Mode is set to No Output, and the unit is under Inband Control, the MPEG over IP output stops after a period of time or after you power cycle the unit.
CSCue88585	**Backup save fails when using Internet Explorer 8**
Issue	The backup Save function via Internet Explorer 8 does not work.
CSCzr07292	**AFD conversion needs to be synchronized with SMPTE-2016-1**
Issue	AFD conversion on the D9824, D9854/D9854-I, and the D9858 needs to be synchronized with the SMPTE-2016-1 standard.
CSCzr07391	**Backup fails with Windows 2008 FTP server (v7.5 FTP server)**
Issue	The FTP backup fails in the Windows 2008 R2 environment.

Known Issues

The following table describes a known issue with Version 4.00. The issue is provided with a description, how it is provoked, and resolved:

ID	Description
CSCui91423	**Web GUI: Google Chrome – Input Setup and Summary pages do not load**
Issue	When using Google Chrome, some functions of the web GUI are not supported properly.
How to provoke	Use Google Chrome Version 29 to access the web GUI and browse to the Input Setup and the Summary pages.
How to resolve	Use Mozilla Firefox or Internet Explorer to access the web GUI.

Upgrading the D9858 FPGA

We recommend that you upgrade the D9858 FPGA version to R00.00.05 after you upgrade the D9858 to software Version 4.00. For more information on upgrading the software version, see the *Cisco D9858 Advanced Receiver Transcoder Software Version 4.0 Installation and Configuration Guide*.

Note: This upgrade can only be done through direct access to the unit.

1   From the user interface of the D9858, choose **System Settings > Versions**. The Versions page is displayed.

2   In the **APP/FPGA Downloads** area, click **Browse**.

3   Choose the FPGA R00.00.05 CDT file and click **Open**.

4   Click **Download** to download the upgrade file. The **State** field in the **Download Status** area displays the progress of the download. When the download is complete, a Successfully Completed message is displayed at the top of the Versions page.

5   From the **FPGA** drop-down list, choose the new FPGA firmware Version R00.00.05. The Select Version dialog box is displayed.

6   Click **Select & Reboot**. The D9858 transcoder will reboot and use the new FPGA version.

D9858 Hash Digest Values

You can generate the hash digest to verify the integrity of the software and FPGA versions running on the D9858 transcoder. For more information on generating the hash digest values, see the *Cisco D9858 Advanced Receiver Transcoder Software Version 4.0 Installation and Configuration Guide*.

The following is a list of the official D9858 v4.00 hash digest values:

Code/Processor	Hash Digest	Version
APP/5514	30cd140a 5ef0c001 b01c708b f360c321 90d291e8	R04.00.00DD
APP/7109	f1373e02 a2716c4b 5eb6a106 046c0626 63e9f41b	R04.00.00DD
APP/SAT	83d480fc 3a6d441a 27a46ced 8c80731e 7942acfa	R04.00.00DD
FPGA FX60/7109	edd457b4 03ccaa84 84635a9e 1704999e 733616a4	R00.00.05az

If these values do not match the generated digest values, contact Cisco customer support.

For Information

If You Have Questions

If you have technical questions, contact Cisco Services for assistance. Follow the menu options to speak with a service engineer.