

Sage Alerting Systems
Digital ENDEC model 3644
Firmware Revision: Alert Authentication Certificate Update cr-rev5
Released July 23, 2020

Release notes for certificate update cr-rev5 – for United States ENDECs only

This free release updates CAP alert authentication certificates that are needed to continue to receive CAP alerts from IPAWS and some other CAP alert providers. This update **must be installed by 10:05 am EDT on October 28, 2020**. The release also contains root certificates used for HTTPS access to web sites that provide alert audio files.

This release is only to be applied to ENDECs that already have version 95 installed.

Do not install this release on ENDECs in Canada.

Step 1. Verify that your ENDEC is up to date, and is ready for this update. If you are not running version 95, see <https://www.sagealertingsystems.com/Rev95Questions-rev2.pdf>

Step 2. If you already have the update, you are done, check that CR-Rev5 it isn't on the patch line. You might see something other than P4 there, P4 is the current patch as of July 23, 2020.

The screenshot shows the Sage Digital ENDEC web interface. At the top, it displays 'Status: Online', 'CAP: OK', and 'User: admin'. On the right, there is a small image of the physical device. The main content area is titled 'Version Information' and states 'Your current firmware version number is 95-00.' Below this, it lists system details: 'System Startup at 12/17/19 15:51:48', 'Digital ENDEC 1.1', 'FPGA version 54', 'DSP version 1.33C', 'Board rev 4/95.00', 'SN: B202570', 'Base: 53.53 MB', and 'P4'. A red arrow points from the text 'Step 1 - Check for 95 here' to the '95-00' version number. Another red arrow points from the text 'Step 2 - You don't want to see CR-rev5 here' to the 'P4' patch level. Below the version information, it shows 'Most Recent Update Time & Status: Success - Tue Dec 17 20:50:38 UTC 2019' and a link for 'Show update history detail'. On the left side, there is a navigation menu with buttons for Home, Logs, Show Input Levels, Streams, Upload Firmware, Retrieve Settings, Restore Settings, Files, Tools, Access Control, Network Diag, Certificates, Version (highlighted), User Settings, and Logout. At the bottom left, it shows 'ENDEC S/N: B202222', 'Firmware: 95-00', and 'Copyright...'.

Step 3. Install the update. Download it from the sage web site here:

<https://www.sagealertingsystems.com/release1-1/cr-rev5.x>

and then upload it to your ENDEC with the Upload Firmware button on the ENDEC's web page.

Step 4. Once the ENDEC has rebooted (you may need to manually refresh the web page after about two minutes), click the version button again. Check to make sure you now have CR-Rev5, as shown below. If you are running a patch level other than P4, you will see that, in addition to CR-Rev5.

The screenshot shows the Sage Digital ENDEC web interface. At the top, the status is 'Online', CAP is 'OK', and the user is 'admin'. A small image of the ENDEC hardware is in the top right. On the left is a navigation menu with buttons for Home, Logs, Show Input Levels, Streams, Upload Firmware, Retrieve Settings, Restore Settings, Files, Tools, Access Control, Network Diag, Certificates, Version (highlighted), User Settings, and Logout. The main content area is titled 'Version Information' and displays the following text: 'Your current firmware version number is 95-00.', 'System Startup at 07/20/20 10:17:30', 'Digital ENDEC 1.1', 'FPGA version 54', 'DSP version 1.33C', 'Board rev 4/95.00', 'SN: B202409', 'Base: 26.33 MB', and 'CR-Rev5 P4'. A red arrow points to 'CR-Rev5 P4' with the text 'After upload, you will see CR-Rev5 here'. Below this, it shows 'Most Recent Update Time & Status: Success - Mon Jul 20 14:16:16 UTC 2020' and a link for 'Show update history detail'. At the bottom left, it shows 'ENDEC S/N: B202409', 'Firmware: 95-00', and 'Copyright...'.