Sage Alerting Systems
Digital ENDEC
Firmware Revision 1.1/89.6
Document updated September 10, 2013
Minor correction to release list, October 24, 2013

**Release notes for version 89.6**

This release is not a complete update as are most other Sage firmware updates.  It is meant to be installed ONLY on ENDECs that already have version 89, 89.1, 89.2, or 89.5 loaded on them.  This release contains all the changes in 89.1 through 89.5 .  If you do not have at least version 89 installed, you must install version 89 before installing this update.

Do not install this release on versions greater than 89.6.

This release contains the following fixes:

89.6

- Occasionally, the ENDEC's Text to Speech engine will stop converting test to speech.  The problem is related to the amount of time that has passed since the previous conversion.  This release will correct that issue.

89.5

- Alerts received from CAP, with embedded audio, or with a URI resource for audio, matching a filter with action set to automatic relay, or matching a filter set to Timed Relay with the ENDEC in automatic mode, will not play the audio for the alert if the audio is longer than one minute.

This release also includes these fixes that were previously included in version 89.2 and 89.1.

89.2

- Polling occasionally halts, for several minutes or it stops altogether.
- The ENDEC will not attempt to re-fetch an alert from the IPAWS server if the server offers an alert in the list of available alerts, but then responds with a Gateway Timeout error or other download error code, when an attempt is made to download the alert.  This will cause that alert from IPAWS to be missed.

89.1

- You are using an FTP server to receive log messages, and you clicked the send audio button.  The ENDEC will keep sending the same file, once a minute.
- You are using an SMTP server with a slow response time – more than 15 seconds to acknowledge the message.  You will get multiple copies of the email.
- You are using a port other than 80 to access your ENDEC's web page, and you want to stream audio, that is, you access your ENDEC with a port on the URL, e.g.,
  http://192.168.1.50:8080
  Streaming will not work for you.
- You are trying to play back audio from the log page with safari, or stream audio from the streams page with safari.
- Streams or log playback doesn't work for you.  Some combinations of browser and player won't work.  We've expanded the supported combinations by using m3u files, html5, and other options.  If your combination isn't working, give this release a try.  In general, if you have

something other than IE or Chrome, you'll need a player that can handle m3u.  Newer versions of android phone, for example, will handle m3u, older ones won't.

Here are the steps you need to install this release.

**Step 1.**  Before installing this release, use the version button on the ENDEC's home page and check this line:

**Board rev x/nn**, nn must be 89, 89.1, 89.2, or 89.5

If you have any other numbers, do not use this release.  If you have a version less than 89, install version 89 before installing this update.

**Step 2**.  Download the firmware update file from here:

http://www.sagealertingsystems.com/release1-1/89-6.x

**Step 3**.  Install this release by using the Upload Firmware button on the ENDEC's home page. Upload 89-6.x.

**Step 4**.  After the reboot, use the version button on the ENDECs home page and check this line:

**Board rev x/nn**, nn will be 89.6

Note:  the browser won't refresh on its own, you'll need click the home button on the ENDEC's web page once it has rebooted.