

Version 6.0 — Upgrade Instructions for V5.2+

Digital Alert Systems continues improving the DASDEC™/One-Net™ product line by providing software upgrades, security improvements, feature enhancements, and addressing compliance. The Version 6 software upgrade differs from previous upgrades; therefore, it is important to become familiar with these steps and the requirements before starting this process.

Please completely review this entire document before proceeding with the upgrade. Failure to follow the instructions could render the device inoperable!

In preparation for the V6 upgrade:

- Confirm that the EAS device has a compatible J4125 64-bit CPU.
- See [DASDEC™-II / One-Net™ SE Hardware Series Identification](#) for more information.
- Verify the EAS device is running V5.2 software or higher.
If not, contact customer support (support@digitalalertsystems.com) or 585-765-1155
- Obtain a valid V6.0 Enabling Key for the specific device.
- Using the link and password included with the V6.0 Enabling Key email, download the file **DASDEC_V6.0_UPGRADE_3-2-26.drpm** from the Digital Alert Systems' website.
- The EAS device must have an active Internet connection to the secure upgrade server. If an active Internet connection is unavailable, please contact our support team for additional instructions.
- It is STRONGLY advised to create backups of both the current configuration and EAS log files. See the [APPENDIX](#) at the end of this document for brief instructions on creating both backups.

ATTENTION: The time required to complete the upgrade depends on several variables such as internet connection speed, size and number of existing logs and files, and processor speed. Please understand the entire process may take from 15 minutes to several hours to complete.

NOTE: Only users with **Admin Level** permission may perform software upgrades.

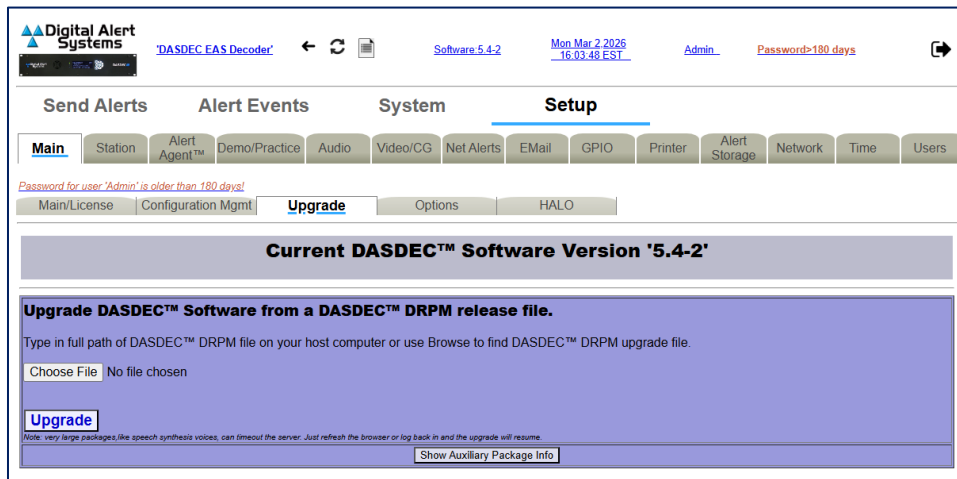
NOTE: There is a compatibility issue with Internet Explorer 11 resulting in the *V6.0 Upgrade Status* screen not displaying properly. **DO NOT USE IE 11 TO PERFORM THIS UPGRADE.** Recent releases of web browsers such as Chrome, Firefox, Safari, and Edge are recommended.

NOTE: The following instructions and accompanying screenshots were obtained using Chrome, unless otherwise stated. Using a different browser may result in changes to some button identification. (e.g.: Browse... vs Choose File)

1. Load the initial DRPM File

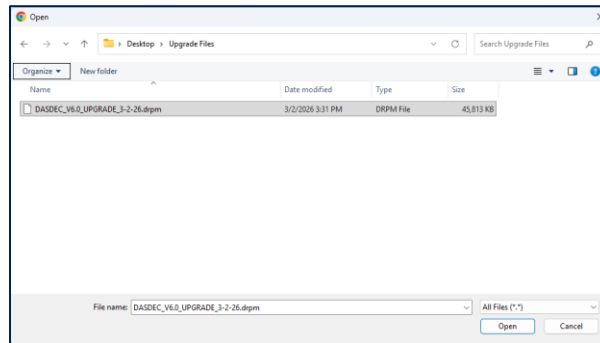
To begin, load the DRPM file ***DASDEC_V6.0_UPGRADE_3-2-26.drpm*** into the EAS device. The file must be available on a local host computer (laptop or desktop computer on the same network as the EAS device.)

1.1. Log into the EAS device and navigate to the **Setup > Main > Upgrade** screen.



Software Upgrade Screen

1.2. Click the **Choose File** button and navigate to the desired DRPM software file.



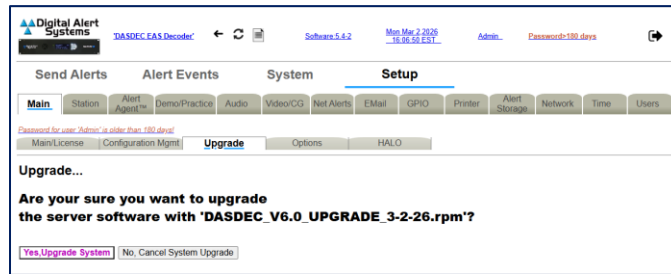
Choose File Window

1.3. Select the ***DASDEC_V6.0_UPGRADE_3-2-26.drpm*** file and click **Open**, or double-click to accept. The system returns to the **Setup > Main > Upgrade** screen and the selected DRPM file name is displayed next to the **Choose File** button.



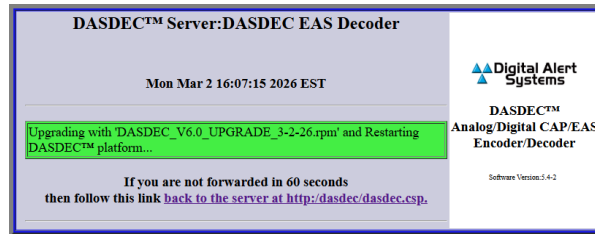
Software Upgrade Screen with the proper file selected

1.4. Click the **Upgrade** button. After a few moments, a confirmation screen will appear asking to: **Yes, Upgrade System** or **No, Cancel System Upgrade**.



Upgrade Confirmation Screen

1.5. Click the **Yes, Upgrade System** button to proceed. If the file is accepted as a valid upgrade file, all other users will be logged off and the upgrade will display the initial “Upgrading ...” screen.



Initial Upgrading... screen

Following this screen, the device will display one of the following screens:

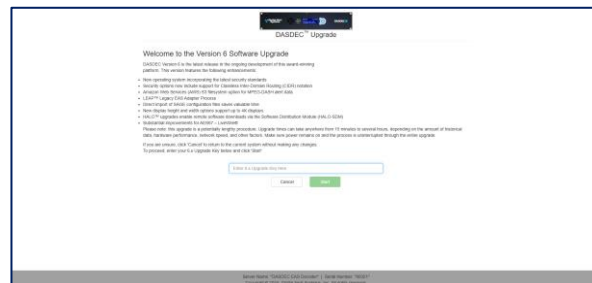
IF THE EAS DEVICE DOES NOT HAVE AN ACTIVE INTERNET CONNECTION the user will see the **Upgrade Retry Screen**. Ensure the EAS device is able to reach the Internet and click the Retry button to proceed¹.



Upgrade Retry Screen

When the device validates its connection to the Upgrade Server the screen **Welcome to the 6.0 Software Upgrade** will appear.

[Proceed to Step 2.](#)

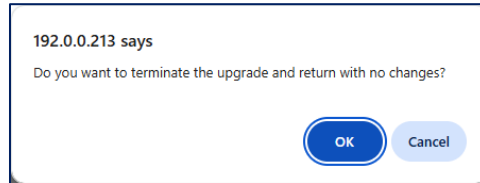


Welcome to the 6.0 Software Upgrade Screen

¹ If the EAS device has no Internet connection, please contact our support team for additional instructions.

TO TERMINATE THE UPGRADE:

Clicking the **Cancel** button from either the **Upgrade Retry** or the **Welcome to the 6.0 Software Upgrade** screens will halt the upgrade with the Cancel Confirmation dialog box:



Cancel Confirmation Dialog Box

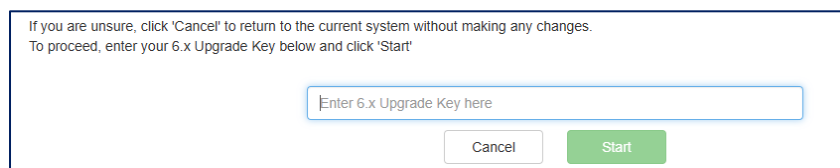
- Clicking **OK** on this dialog box will terminate the upgrade and display an **Upgrade Canceled** page. Refreshing that screen returns to the original v5.x login screen.
- Clicking **Cancel** returns to the **Welcome to the 6.0 Software Upgrade** screen.

2. Upgrade the DASDEC / One-Net Device

ATTENTION: The time required to complete the following steps depends on the connection speed, the size and number of files downloading, and the EAS device's CPU speed. Please understand that the process may take 15 minutes to several hours to complete.

NOTE: All existing log files, audio files, and backup configuration files will remain on the EAS device after the upgrade is complete.

The **Welcome to the 6.0 Software Upgrade** screen shown above contains a single text box labeled '*Enter 6.x Upgrade Key here*' along with **Cancel** and **Start** buttons.



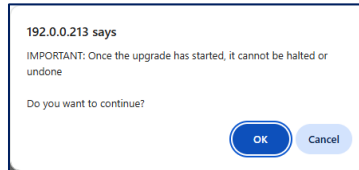
'Enter 6.x Upgrade Key here' Text Box

2.1. Locate the V6.0 Enabling Key for the EAS device and enter it into the text box.

Note: It's typically easier to cut & paste the key from the email. Be sure to include all characters. If the key is improperly entered, it can be corrected in the verification steps after installation is completed.

NOTE: The V6.0 Enabling Key is unique for each EAS device and is automatically added to the **Setup > Main > Main/License** page without verification. If the key is entered incorrectly, the user will be able to verify and correct it during the verification of the upgrade process.

2.2. Click the **Start** button to proceed and the upgrade confirmation dialog box will appear on the screen.



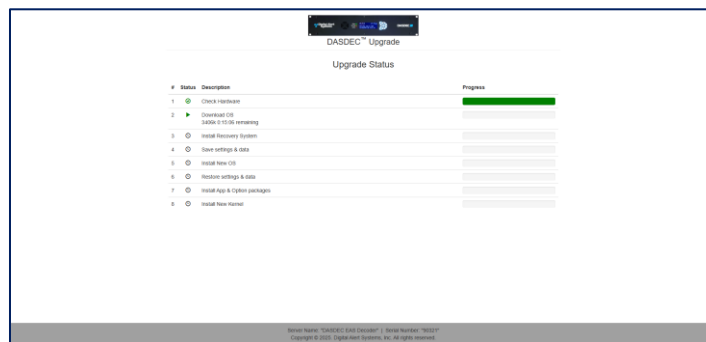
Upgrade Confirmation Dialog Box

2.3. Click the **OK** button found on the upgrade confirmation dialog box to continue the upgrade process. Clicking the **Cancel** button returns the user to the **Welcome to the 6.0 Software Upgrade** screen.

CAUTION: Persistent internet network and power connections are paramount for the remainder of the upgrade process. Make certain the DASDEC/One-Net device maintains constant power and an active upgrade server connection to the Internet. Interruption of either connection during the following steps may have serious, unrecoverable results.

If communication with the secure upgrade server is successful, the **Upgrade Status** screen will appear – displaying the upgrade’s sequential progress. Recognize that some steps may take longer than others. It is important to **be patient and not interrupt the upgrade process.**

There is no user interaction on this screen. Simply monitor the progress bars as the installer completes each section of the upgrade.



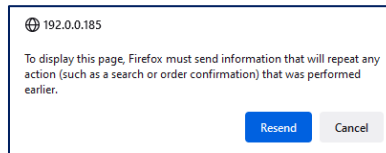
V6.0 Upgrade Status Screen

Once the upgrade is complete, the EAS device will display the **Upgrade Success** screen and automatically restart.



Upgrade Success Screen

2.4. The display should automatically refresh and display the new V6 login screen, but some browsers will present the user with a **Resend Information** dialog box. Also, depending on the browser, it may be necessary to refresh the web browser manually. Give the unit a few minutes to restart prior to manually refreshing.



Resend Information Dialog Box - Firefox

2.5. Within the Resend Information dialog box, click the **Resend** button to proceed.

Upon completion, the EAS device will display the V6 login screen.

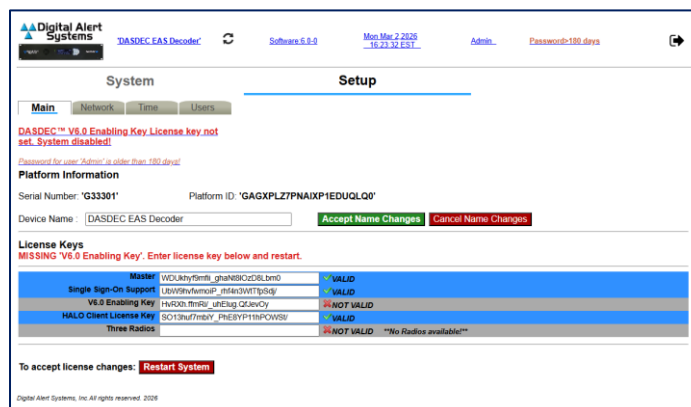


V6.0 Login Screen

3. Verify the V6.0 Enabling Key license key is valid.

Log into the EAS device as usual. The EAS device will automatically open to the **Setup > Main > Main/License** screen.

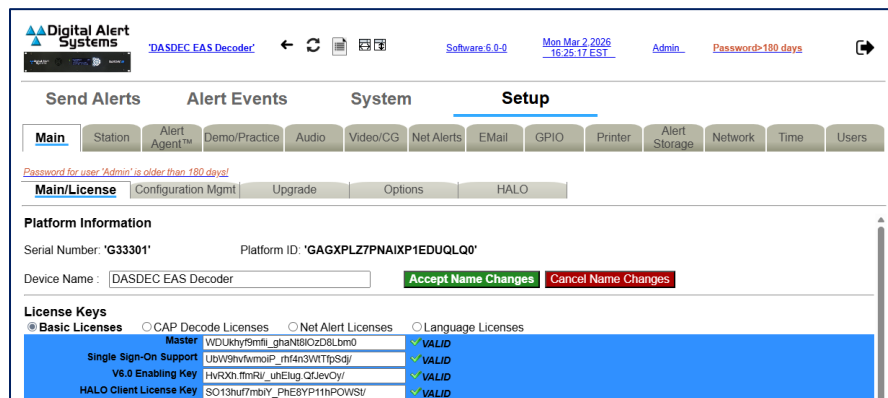
If during [Step 2.1](#), an **invalid** V6.0 Enabling Key was entered, the device will request a valid key be entered.



Setup > Main > Main/License screen showing an invalid V6.0 Enabling Key

- 3.1. Enter the proper V6.0 Enabling Key from the provided email, ensuring the license key:
 - Corresponds to the serial ID of the device.
 - Contains all characters between the quotes - including punctuation characters such as periods, dashes, slashes, etc.
- 3.2. Click the **Restart System** button. A Software Restart confirmation screen will then appear. Click the **Yes, Restart System** button to complete the restart procedure, then reconfirm the validity of this field.

If the text to the right of the **V6.0 Enabling Key** field reads **VALID** and the background is colored blue, the proper license key has been entered, and the unit is fully operational.



Setup > Main > Main/License screen showing a valid V6.0 Enabling Key

This completes the DASDEC/One-Net Version 6 upgrade!

For in-depth operational details, please refer to the latest manual.

Any questions? Please contact our customer support teams at support@digitalalertsystems.com

APPENDIX

Backing up a DASDEC/One-Net Configuration File

1. Log into the DASDEC / One-Net.
2. Go to **Setup > Main > Configuration Mgmt**
3. To ensure the latest configuration is stored, click on the **Create Configuration Backup** button. This will create a backup file with the current date and time as the initial part of the file name.
 - An example backup file may be `2023_06_14_14_46_05_dasdecV4_config.zip` where the file was created on June 14, 2023 at 2:46:05 PM.
4. Look for the title **Configurations** and the **Select Configuration** pull-down selector directly below.
5. Select the file created in step 3 (above).
 - The list is sorted numerically (from earliest date at the top), then alphabetically.
6. The screen will refresh and the selected file will be queued.
7. **Click** on the download icon next to the backup creation date and time information and the browser will either download the file or present an authentication screen to allow downloading.

Backing up EAS Event Logs

1. Log into the DASDEC/One-Net.
2. Go to **Alert Events**
3. Depending on the types of logs desired, use the tabs to select one of the following:
 - **Incoming / Decoded Alerts**
 - **Forwarded Alerts**
 - **Originated / Forwarded Alerts** (This is the typical selection for FCC logging purposes)
 - **Originated Alerts**
 - **All Alerts**
4. Scroll down and find the Expired Alerts section and make sure **View Expired Alerts** is selected in the pull-down menu.
5. The purple area reflects the EAS logs that have been processed within the above selections.
6. The total number of records is shown and date range - earliest to latest dates - for these expired alerts is displayed next to the pull-down menu.
7. Use the second pull-down menu to further refine the records displayed.
8. Once the desired list is displayed, clicking the link **Get text version.** will produce a text-only web-page representation of the selected data.
 - Using standard web-page printing functions the pages can be printed.
9. OPTIONAL: Many web browsers also include a 'Save Page As...' option in the File menu. Use this feature to download the selected EAS log data to your local computer.