



# Digital Alert Systems Updating Canadian Authority Certificate Files for DASDEC or One-Net EAS or CAP Devices Instructions

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## Digital Alert Systems Updating Canadian Authority Certificate Files for DASDEC or One-Net EAS or CAP Devices



## Product Information

The product mentioned in the user manual is the One-Net and DASDEC EAS/CAP devices. These devices are used to receive and process CAP (Common Alerting Protocol) alerts. They can utilize a digital certificate provided by the government or other alerting agencies to verify the authenticity of the CAP alerts. These certificates have an expiration date and need to be updated periodically. Failure to update the certificate may result in an error message indicating a digital signature verification error or the device not processing valid CAP alerts.

## Product Usage Instructions

1. Download the current certificate authority file from the Digital Alert Systems website. The file will have a .crt

suffix, such as “Pelmorex-July\_2023\_update-CA.crt” or “IPAWS\_Valid-until-04-14-2024.crt”.

2. Navigate to the Setup > Net Alerts > CAP Decode screen on the device.
3. Select the CAP configuration for Canada from the Select CAP input client pull-down menu. Note that the name may vary.
4. Scroll to the bottom of the page to find the appropriate installation dialog box based on the device version.
5. Click “Choose File” and select the downloaded certificate authority file, for example, “Pelmorex-July\_2023\_update-CA.crt”.
6. Click “Open”. The screen should now display the selected file.
7. Click “Upload Certificate Authority file” to install the file. The screen will indicate a successful installation.
8. Scroll back up the page and locate the XML Digital Signature Certificate Authority (CA) Name.
9. From the pull-down menu, choose the “Pelmorex-July\_2023\_update-CA.crt” selection.
10. Click the “Accept Changes” button at the bottom of the screen.

Following these instructions will ensure that the device is updated with the latest certificate authority file, allowing it to validate CAP alerts properly.

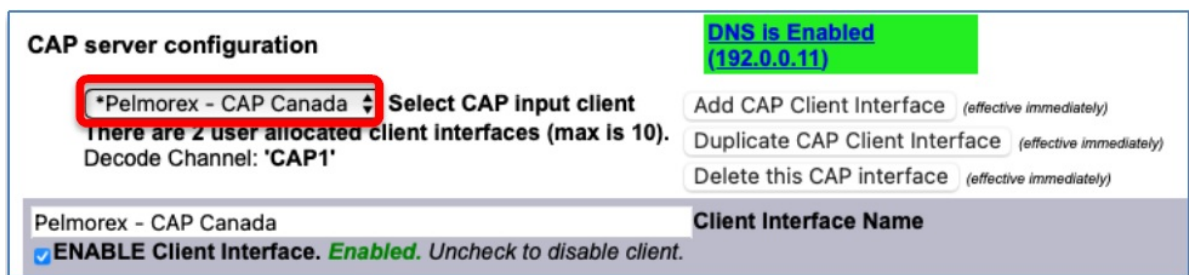
The One-Net and DASDEC EAS/CAP devices can use a unique digital certificate provided by the government or other alerting agencies to validate the authenticity of CAP alerts. These certificates are designed to expire at a specific date and time, requiring the issuing authority to issue new certificates occasionally. Users are encouraged to check our website for newer certificates periodically. Not updating the certificate may result in the error message: “Event Log:Digital Signature VERIFICATION ERROR : Signer UNTRUSTED! Check for correct CAP decoder CA file.” or not processing valid CAP alerts.

#### To update and change the Certificate Authority (CA) file within the EAS device (One-Net or DASDEC):

IMPORTANT NOTE for Firefox Users: The link in Step 1. below has been tested and works correctly with Firefox V89.0.2.

1. Download the current certificate authority file from the Digital Alert Systems website. This file will have a .crt suffix, for example, Pelmorex-July\_2023\_update-CA.crt or IPAWS\_Valid-until-04-14-2024.crt
2. Navigate to the Setup > Net Alerts > CAP Decode screen
3. Select the CAP configuration for Canada from the Select CAP input client pull-down menu.

(Note: The name may differ from the one shown below.)



4. Scroll to the bottom of the page to find the appropriate installation dialog box as shown below:

Version 4.x	Version 5.x
<b>Certificate Authority Bundle Installation</b> <div>Choose File no file selected</div> <div>Upload Certificate Authority file</div>	<b>Certificate Authority Bundle Installation</b> <div>Choose File no file selected</div> <div>Upload Certificate Authority file</div>

5. Click choose file and select the recently downloaded file: Pelmorex-July\_2023\_update-CA.crt
6. Click Open. The screen should now appear as shown below

Version 4.x	Version 5.x
<b>Certificate Authority Bundle Installation</b> <div> <input type="button" value="Browse..."/> Pelmorex-July_2023_update-CA.crt </div> <div> <input type="button" value="Upload Certificate Authority file"/> </div>	<b>Certificate Authority Bundle Installation</b> <div> <input type="button" value="Choose File"/> Pelmorex-Jul...pdate-CA.crt </div> <div> <input type="button" value="Upload Certificate Authority file"/> </div>

7. Click Upload Certificate Authority file button. When the file is successfully installed the screen will display...

Version 3.x	Version 4.x
<b>Certificate Authority Bundle Installation</b> <div> <input type="button" value="Browse..."/> No file selected. </div> <div> <b>CA File Upload Succeeded.</b> </div> <div> <input type="button" value="Upload Certificate Authority file"/> </div>	<b>Certificate Authority Bundle Installation</b> <div> <input type="button" value="Choose File"/> no file selected </div> <div> <b>CA File Upload Succeeded.</b> </div> <div> <input type="button" value="Upload Certificate Authority file"/> </div>

8. Scroll back up the page and locate the XML Digital Signature Certificate Authority (CA) Name then, using the pull-down menu, choose the "Pelmorex-July\_2023\_update-CA.crt" selection as shown below.

Assigned Station ID: CAP-CP  
☒ Accept unsigned alerts. **Enabled.** Uncheck to reject unsigned alerts.  
☒ Accept unverifiable signed alerts. **Enabled.** Uncheck to reject unverifiable signed alerts.  

XML Digital Signature Certificate Authority (CA) Name (upload below.) Pelmorex-July\_2023\_update-CA.crt CA Information

9. Click the Accept Changes button at the bottom of the screen.

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## Digital Alert Systems

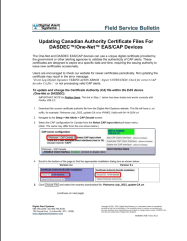
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## Documents / Resources

	<a href="#">Digital Alert Systems Updating Canadian Authority Certificate Files for DASDEC or One-Net EAS or CAP Devices [pdf] Instructions</a> FSB DAS-71721, Updating Canadian Authority Certificate Files for DASDEC or One-Net EAS or CAP Devices, Updating Canadian Authority Certificate Files, DASDEC or One-Net EAS or CAP Devices
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## References

-  [EAS | Digital Alert Systems](#)