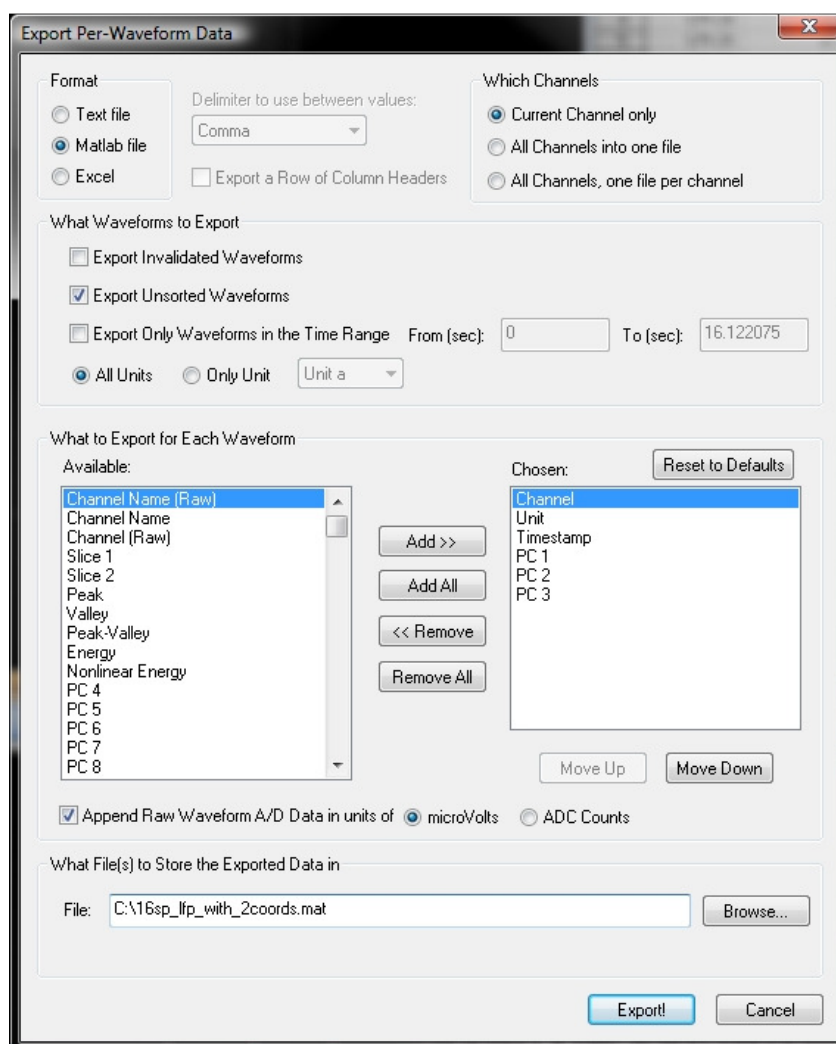


# Offline Sorter and CinePlex Editor Matlab Export Troubleshooting Guide

For Offline Sorter v2 and v3 and CinePlex Editor v3.1.0



Plexon Inc

support@plexon.com

## Introduction and Terminology

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Plexon's Offline Sorter and CinePlex Editor applications have the capability to export data to a Matlab file. If this capability is not "unlocked" (is greyed out in the export dialog) then this guide should help resolve or explain the problem.

## Version and Bit Depth Requirements

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Offline Sorter version 2 (up to version 2.8.8) will only be able to export data to versions of Matlab up to version 2007. After Offline Sorter version 3 was released there was a change in how Matlab handles third-party applications, which was compensated for in more recent Offline Sorter versions. 64-bit versions of Matlab will require a 64-bit version of Offline Sorter in order to perform the Matlab export operation. Only Offline Sorter version 3 has a 64-bit build. CinePlex Editor is a 32-bit program.

If you have any questions about software compatibility or upgrading your software please contact Plexon support ([support@plexon.com](mailto:support@plexon.com)).

## Windows Path Variable

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Offline Sorter and CinePlex Editor use certain Matlab libraries to export data. The library files are called "libmat.dll" and "libmx.dll", and they reside inside the Matlab installation directory (typically \Program Files\Matlab\bin\win32 although this varies version to version).

Since Offline Sorter and CinePlex Editor don't know specifically what directory those files are in they rely on the Windows system path environment variable to find the files.

To confirm that the Matlab path is listed correctly, do the following:

Right click on "My Computer", click on "Properties". Go to the "Advanced" tab and click on the "Environment Variables" button. Under the "System variables" listing is the "Path" variable, and if you click "Edit" you'll see a dialog for editing the system variable, but you just want to scroll through it to verify that the Matlab listing is there. There are several semicolon-delimited entries, typically.



It's important that the exact path is listed. If the library files are in the \MATLAB\R2007b\bin\win32 directory, but the path entry ends at \bin, then Offline Sorter will likely have problems with the Matlab export.

Confirm or change the path entry and try again (reboot after a change).

## Documentation History

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January 19<sup>th</sup>, 2011 – V1.0

- Initial creation of document for troubleshooting Offline Sorter's Matlab export

January 21<sup>st</sup>, 2011 – V1.1

- Added CinePlex Editor information