EAGLE stops working after splash screen or after Autodesk logon

Issue

EAGLE stops working after the splash screen is displayed or after I logon with my Autodesk account

Symptoms

When launching EAGLE, you might observe that the application appears to crash after the splash screen is displayed. Or, you might observe that after attempting to logon with your Autodesk credentials, the application appears to crash.

In Task Manager, Details, you might also observe the WerFault.exe process run briefly during this issue.

In the Windows Event Viewer, Windows Logs, Application, you'll observe an Application Error stating *Faulting application name: eagle.exe ... Faulting module name: LIBEAY32.dll*

Cause

The issue is that Autodesk is no longer updating the EAGLE application. Version 9.6.2 is the last revision and was last updated in 2018. The LIBEAY32.dll file is an OpenSSL library related to authentication to Autodesk's servers during application launch or Autodesk logon. The LIBEAY32.dll file is simply out of date and no longer compatible with Autodesk's servers. The solution or workaround is to replace the LIBEAY32.dll file with a newer copy from another Autodesk application, such as Autodesk Fusion 360. We have obtained a copy of this library from Fusion 360 installed on the ITLP Labstations. A copy of the file will be provided in this article. Simply download the file and replace the outdated file in the EAGLE installation folder.

Solution/Workaround

1. Download a zip file containing an updated copy of the LIBEAY32.dll file here: LIBEAY32.zip
2. Extract the zip file, locate the extracted LIBEAY32.dll file
3. Open Windows Explorer, browse to C:\Program Files\EAGLE 9.6.2\
4. Locate the file libeay32.dll and rename it to libeay32.dll.backup

5. Copy and paste the newer version of the LIBEAY32.dll file into C:\Program Files\EAGLE 9.6.2\
6. Launch EAGLE, and now you should be able to logon using your Autodesk account without issue!

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