SESAM USER MANUAL

License Dongle driver package

VERSION 11.19.2

DATE: 01-AUG-2023

Sesam Manual

Dongle Driver installation package

Date: 01 August 2023, Revision 1

Valid from Dongle Driver installation package version 11.19.2

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1 INTRODUCTION

This package will install the dongle drivers necessary to make both old and new Sesam application work with dongle licensing.

Due to the large age-span between old and new Sesam applications, some incompatibilities between the different versions of the FlexNet licensing system have become known. By using the tools included in this package, the user may install the drivers necessary to enable both old and new Sesam applications to work at the same time, using the same dongle drivers.

2 BASIC INSTALLATION INSTRUCTIONS

The following procedure should work for most of our users. Please try this first.

1. Download the latest License Dongle Driver package from the Sesam portal (https://sesam.dnv.com/), version 11.19.2 (or newer)
2. Unzip to a local folder
3. Run "RunInstallDriver.exe" *as Administrator* (**important – this will not work otherwise)**
4. Wait until execution finishes

Some warnings may appear while running this procedure, they are not important to the outcome of the dongle driver installation.

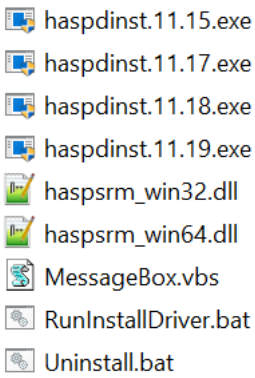
To test whether the installation was successful, insert the dongle, and try to run both an old and a new Sesam application. "Old" in this context means e.g., Usfos V9.0 or HydroD V4.10. "New" means any recent version of e.g., GeniE, HydroD, or SWiM.

If this is successful, you are done. If not, please go to the next chapter.

3 ADVANCED INSTALLATION INSTRUCTIONS

If, for some reason, the instructions in the previous chapter fail, please read on. This chapter includes some more in-depth instructions.

- RunInstallDriver.exe is a self-extracting executable. This file can be unzipped – please go ahead and unzip the file using any tool able to unzip files (e.g., WinZip, PeaZip or similar).
- The following files are shown:



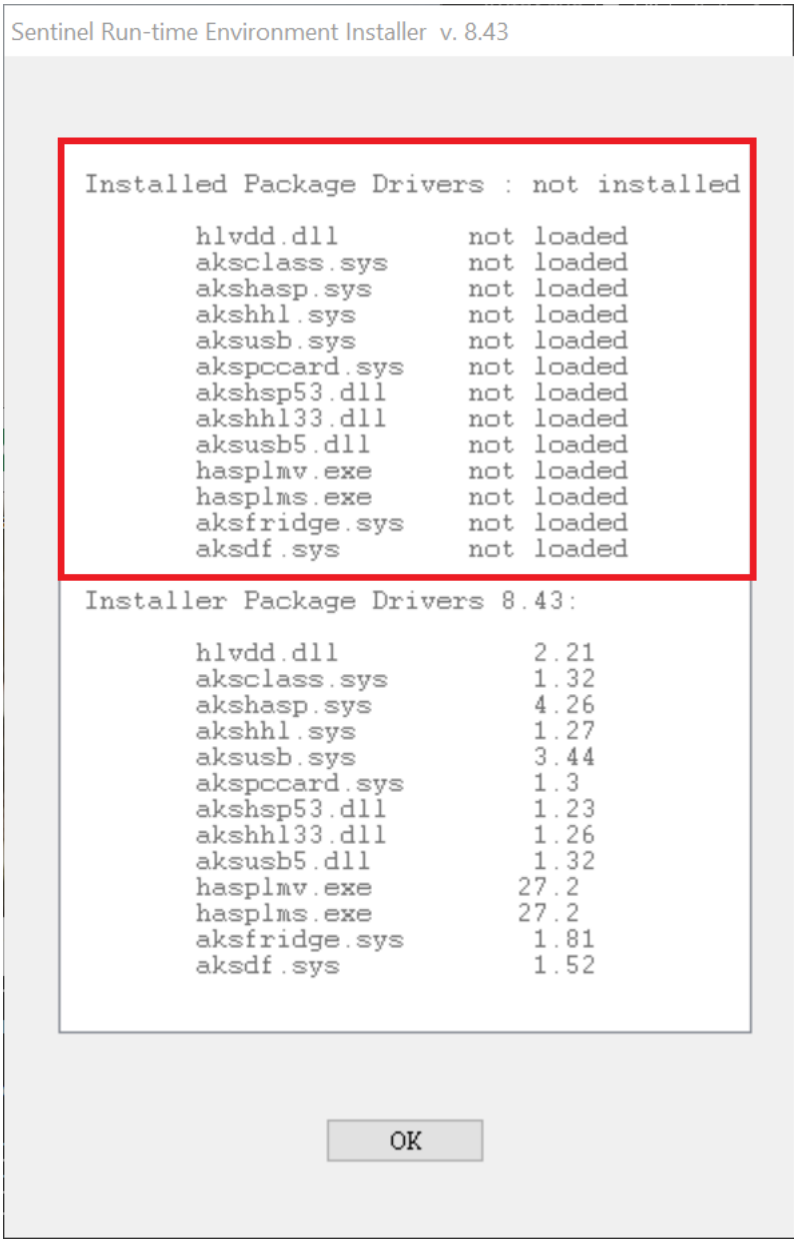
Our testing shows that for the dongle driver to work successfully, a complete uninstallation of any previously installed dongle driver will have to be done prior to installing newer versions.

1. Start a Command prompt (cmd) as *Administrator*, and go to the folder with the unzipped files

2. Run '`Uninstall.bat`', and wait until it finishes

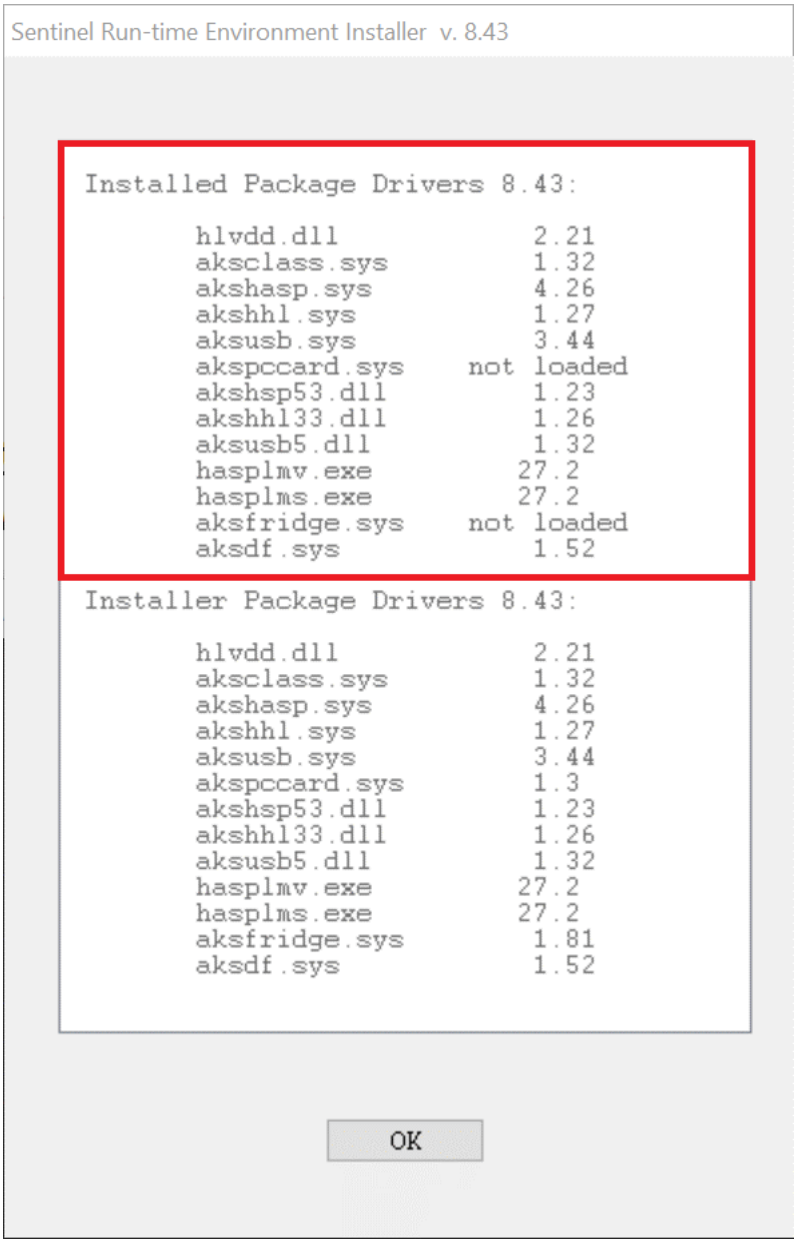
```
c:\dongle\RunInstallDriver>Uninstall.bat
Uninstalling all driver versions
- Uninstall 11.15
- Uninstall 11.17
- Uninstall 11.18
- Uninstall 11.19
Done uninstalling all driver versions
```

3. Check whether this procedure was successful by running '`haspdinst.11.19.exe -info`'. If successful, you should now see this dialog (below). The important thing to notice is that all the files in the top part of the window says "not loaded".



4. If any of the files in the top part do not show "not loaded", but a version number, then uninstallation has not been completely successful. In this case, run '`Uninstall.bat`' again.

5. Continue to run Uninstall.bat until the dialog shows that none of the files are loaded.
6. Once this is done, run '`RunInstallDriver.bat`'.
7. Upon completion, it will display the dialog mentioned above, this time it should look like this:



- ***Note***: If the dongle is *not* inserted, some of the files above will be reported as "not loaded". To verify that you get the same results as above, insert the dongle, and run '`haspdinst.11.19.exe -info`'

Test with both "old" and "new" Sesam applications again to verify that they can be started. See Chapter 2 for suggestions about what constitutes "old" and "new".

4 TECHNICAL DETAILS

These are the technical details about what is being done during the installation process. Note that the .bat files are normal text files which can be inspected and, if needed, tailored to the user's needs.

4.1 RunInstallDriver.bat

This script will first copy the two dlls into the System folders, then run Uninstall.bat, before commencing to install driver version 11.17 and 11.19. The reason that both need to be installed is uncertain, but apparently version 11.17 installs something that is needed by the older Sesam applications to work with the dongle, which version 11.19 does not install.

4.2 Uninstall.bat

This script will uninstall the driver packages version 11.15, 11.17, 11.18, and 11.19, in this order.

4.3 haspsrm_win32.dll and haspsrm_win64.dll

These dlls are drivers for the HASP dongles. Due to some incompatibility between versions, these come from version 11.15.1 of the driver package. This is important to make the older Sesam applications work with the dongle license.

These files are copied to C:\Windows\System32 (64-bit systems) and C:\Windows\SysWOW64 (32-bit systems) prior to uninstalling and installing the drivers.

4.4 haspdinst.<version>.exe

This is the Sentinel driver installation program. You may run e.g., "haspdinst.11.19.exe -help" to see which command line options are available. Note that most operations require *Administrator* rights to perform.

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