

fiberdesk

nonlinear pulse propagation



standalone (local) "Sentinel HL Pro" dongles

How to install and run fiberdesk ...

1. Download the software from <http://www.fiberdesk.de/package.zip> and extract the **fiberdesk** executable file (e.g. fd7_64bit.exe) to your local hard disk.
2. Insert the HASL hardware dongle (blue USB stick).
3. Run the application.

Only for dongles purchased before 2019: Install the Sentinel HASL driver before point (1):
install the "Sentinel Runtime Installer" (RTE) on the End-User machine. See:

https://docs.sentinel.thalesgroup.com/ldk/LDKdocs/SPNL/LDK_SLnP_Guide/Distributing/Distributing_LDK/DistributingRuntime_Env.htm

If you try to run fiberdesk on Windows ARM or on MacOS with Windows in a VM, but you have an ARM processor, fiberdesk will not run. It requires an Intel-compatible core processor (Intel or AMD).

for NET dongles, see next page

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Network "Sentinel HL Net" dongles

1. Install the runtime driver on the server

a) Preparation: The software package "Sentinel Runtime Installer" (RTE) for the HL dongle includes: Driver, License Manager and Admin Control Center. You can download the RTE package for Windows using the following links*:

> GUI version (graphical user interface): https://supportportal.thalesgroup.com/csm?id=kb_article_view&sysparm_article=KB0018320

> Command-line version: https://supportportal.thalesgroup.com/csm?id=kb_article_view&sysparm_article=KB0018319

After unpacking the .zip package you can install it by means of the command-line using the command: `haspdinst.exe -i`

b) Installation process Install the dongle software package "Sentinel Runtime Installer" on the server machine. (it does not need to be a Windows Server, a Windows 11 Pro machine can be used).

The "Sentinel Runtime Installer" (RTE) package required for the clients machines is usually provided / deployed with the program installation, but it can also be installed or upgraded manually later. On the server machine, the Service for distributing the licenses via the network is installed by the RTE package: The "Sentinel LDK License Manager" Service. This service runs via port UDP & TCP 1947. The Service must be started.

c) IP configuration If the client End-user machine does not find the server machine in the network automatically (for example due to a different subnet or access via VPN connection), you have to specify the IP Address of the server manually on the client machine. This configuration can be done in the Admin Control Center (ACC) which is accessible on the client by the following link: http://127.0.0.1:1947/_int_/config.html

Enter the server IP Address under "Configuration" → "Access to Remote License Managers" and confirm the new entry by clicking button "Submit" Please pay attention to enter the IP address and not the server name, otherwise the name resolution may not work. This configuration is saved in the config file "hasplm.ini". It can be found on the client in the following directories:

- 32-bit: C:\Program Files\Common Files\Aladdin Shared\HASP
- 64-bit: C:\Program Files (x86)\Common Files\Aladdin Shared\HASP

If the port UDP and TCP 1947 is free, the network HL dongle ought to be displayed in the "Admin Control Center" among the local Sentinel Keys (http://127.0.0.1:1947/_int_/devices.html).

2. Insert the NET hardware dongle (red USB stick) to the server.

3. The clients PC must be able to connect to the server via **port 1947**.

4. Download, extract and run fiberdesk (from the package on www.fiberdesk.com) on the computer connected to the network accessing the server.

* Or the equivalent installer for your operating system (Windows, Mac, Linux)