

1. Installation and Initial Setup

The installation and initial setup of BESA Statistics must be carried out by an administrator or an experienced technician.

1.1. Before Setup

BESA Statistics is available as a 32 bit or a 64 bit program. The latter version prevents memory problems caused by a 32 bit restriction. Therefore, **we recommend using the 64 bit version** if your Windows system supports it. Please make sure to check this before the installation. The installation and initial setup of BESA Statistics must be carried out by an administrator or experienced technical staff.



1.2. Installation

1. Start Windows and insert the installation disk into the CD-ROM drive.
2. If the PC permits auto start from the CD drive, the installation starts automatically after a short time. If the PC does not permit auto start, please run **Setup.exe** from the CD. The file is located in the **Setup** folder.
3. Please follow the on-screen instructions.
4. Once the installation is complete, proceed with the initial setup as explained in the following chapter.

1.3. Initial setup

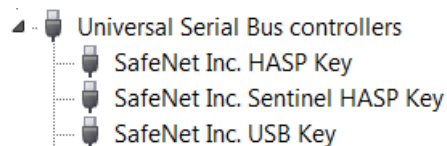
The following section explains the steps for the initial setup of BESA Statistics. These steps have to be performed only once per installation.

1.3.1. Connect the BESA Dongle

BESA Statistics is protected by a licensing scheme developed by SafeNet Inc. During the installation the device drivers for the BESA dongles will be installed automatically.

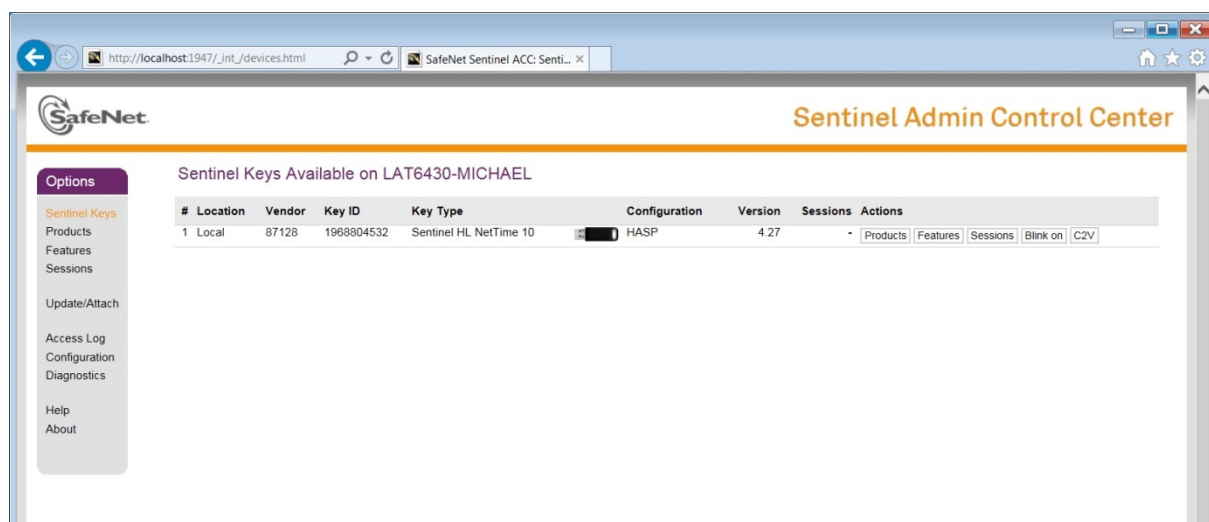
Connect the BESA dongle to your personal computer or a server machine and proceed with the next step. If required, check for correct installation as described below.

If the dongle is installed correctly, the Windows Device Manager reports three items in the "Universal Serial Bus controllers" section: SafeNet Inc. HASP Key, SafeNet Inc. Sentinel HASP Key and SafeNet Inc. USB Key

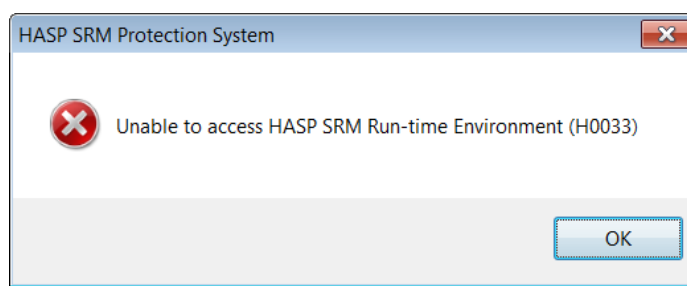
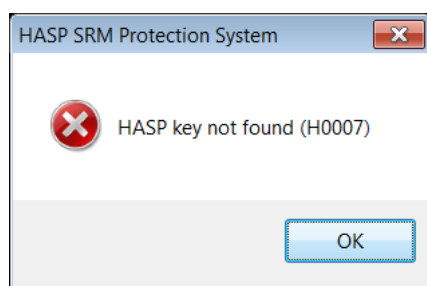


The SafeNet Inc. HASP key installer includes the HASP License Manager application: **C:\Windows\system32\hasplms.exe**

When this application is running, you should be able to load the Sentinel Admin Control Center by typing **http://localhost:1947** in your internet browser. The connected dongle should be displayed there. If you do not see the dongle, please wait a few seconds.



If the dongle is not installed correctly, one of the following message boxes is displayed when the program is started.



The message box on the left appears for one of the following reasons:

- The BESA dongle is not connected.

Solution: Ensure that the key is accessible in order to run the program.

- USB port is defective.

Solution: Check if the LED is lit on the HASP Protection Key. If not, remove and re-insert. Wait for the operating system to detect the device. If it still does not light up, try another USB port.

- Faulty dongle.

Solution: On rare occasions, the HASP Protection Keys may be faulty. The dongle does not light up in this case and is not detected in the Device Manager. Request a replacement dongle.

The above right message box comes up for one of the following reasons:

- **C:\Windows\system32\hasplms.exe** is blocked by a firewall or an anti-virus application.

Solution: Add **C:\Windows\system32\hasplms.exe** in the exception list of the anti-virus and firewall applications.

- Port 1947 is blocked by a firewall application.

Solution: Add port 1947 to the exception list of the firewall application.

- HASP License Manager Service is stopped.

Solution: Restart the Sentinel HASP License Manager Service ([Control Panel\System and Security\Administrative Tools → Services](#))

1.3.2. Start the Program



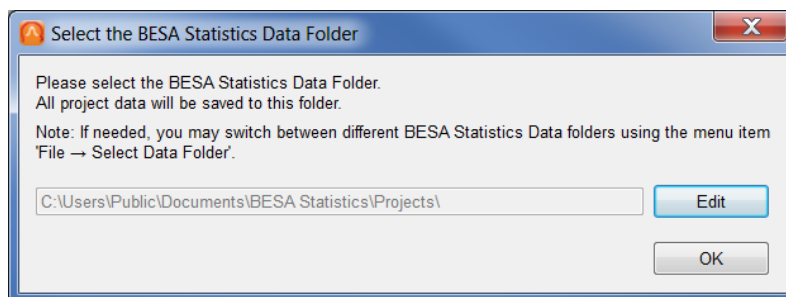
Start BESA Statistics using the shortcut created on the desktop or run **BESA Statistics.exe** from the **All Programs → BESA → Statistics 2.0** folder in Startup menu.

First, the Welcome Screen appears. Press **Accept** to start BESA Statistics.

1.3.3. Specify the BESA Statistics Data Folder

As initial configuration step, the BESA Statistics Data Folder must be specified. This is the folder where BESA Statistics stores all project and result data to and reads from.

When starting the program for the first time, the following dialog box appears:

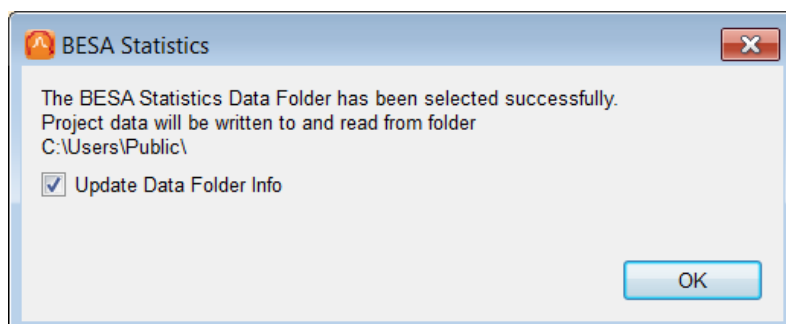


The BESA Statistics Data Folder is preselected to All Users on the local PC (shown above for Windows 7).

Press the **OK** button if you want to use the preselected local folder in All Users.

Press the **Edit** button to create your BESA Statistics Data Folder elsewhere, e.g. on a server.

When the selection is accepted, the following confirmation dialog appears:



Press the **OK** button.

BESA Statistics is now configured to start projects.

1.3.3.1. Notes

1. The procedure to define the shared BESA Statistics Data folder on the server needs to be carried out only once at each PC where you install BESA Statistics, i.e. when starting the program for the first time.
2. When switching between BESA Statistics Data folders, it is recommended to leave the tick mark on to update all existing projects in the new BESA Statistics Data folder.