

Quick Installation Instructions for Hardware Licence Keys

This guide provides instructions to configure a license server to use Atoll with a hardware license key. The Atoll license manager must be installed when using multi-user (network) licenses with a hardware key. If using single-user licenses, you do not need a license manager.

Ensure that the computer that runs the license server complies with the following minimum requirements:

CPU	RAM	Operating System	Connectivity	Storage
Core i5/i7/i9/ Xeon (Haswell generation or later) 1 core or vCPU	2 GB	Windows 7 / 8 / 8.1 / 10 Windows Server 2012 R2 Windows Server 2016	1 Gigabit Ethernet 10 Gigabit Ethernet	46 GB (System)

For more information about license management, see "*License Management for Hardware License Keys*" (technical note TN057).

Step 1: Installing the HASP LDK Runtime

To install the HASP LDK Runtime:

1. Download and unpack the Hardware License Key installation package from the Forsk Downloads web site to the machine that will host the license server: <https://downloads.forsk.com>
2. Right-click the **HASPUserSetup.exe** installer and select **Run as Administrator**.
3. Follow the instructions provided by the program.

Step 2: Installing HASP License Manager Drivers

To install the HASP License Manager drivers:

1. Right-click the **lmsetup.exe** installer and select **Run as Administrator**.
2. Follow the instructions provided by the program.
3. When asked "Do you want to install HASP License Manager as an application or as a service?", select **Service**.



If an error message is displayed with "akshasp.sys", close the message and continue.

Step 3: Configuring the Atoll Client Computer

To configure the server or workstation that runs Atoll:

1. Edit the `nethasp.ini` file and set the `NH_SERVER_ADDR` parameter to the name or IP address of the Atoll license server.
2. Copy the `nethasp.ini` file to the Atoll installation folder on the Atoll server or workstation.