Atollic TrueSTUDIO®

Installation Guide
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INTRODUCTION

Welcome to the Atollc® TrueSTUDIO® Installation guide. The purpose of this document is to give directions on how to install and register the Atollc TrueSTUDIO® product.

This guide also includes a special Atollc License Manager section which guides through different licensing issues such as activate, update, and transfer licenses.

The Installation guide has been rewritten according to the new license system introduced in Atollc TrueSTUDIO v5.4.0.

INTENDED READERS

This document is primarily intended for software developers or system administrators about to install the Atollc TrueSTUDIO product.
DOCUMENT CONVENTIONS

The text in this document is formatted to ease understanding and provide clear and structured information on the topics covered. The following typographic conventions apply:

<table>
<thead>
<tr>
<th>Style</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Command</td>
<td>Keyboard Command or Source Code Section.</td>
</tr>
<tr>
<td>Object Name</td>
<td>Name of a User Interface Object (Menu, Menu Command, Button, Dialog Box, etc.) that appears on the computer screen.</td>
</tr>
<tr>
<td>Cross Reference</td>
<td>Cross reference within the document, or to an external document.</td>
</tr>
<tr>
<td>Product Name</td>
<td>Name of Atollc product.</td>
</tr>
<tr>
<td></td>
<td>Identifies instructions specific to the Graphical User Interface (GUI).</td>
</tr>
<tr>
<td></td>
<td>Identifies instructions specific to the Command Line Interface (CLI).</td>
</tr>
<tr>
<td></td>
<td>Identifies Help Tips and Hints.</td>
</tr>
<tr>
<td></td>
<td>Identifies a Caution.</td>
</tr>
</tbody>
</table>

Table 1 – Typographic Conventions
Section 1. INSTALLATION

This section provides information on how to install and register Atollic TrueSTUDIO. The following topics are covered:

- System Requirements
- Important Information
- Installation
**Atollic TrueSTUDIO**

*Atollic TrueSTUDIO* is from version 5.4 installed using one single installer. The product runs in *Lite* or *Pro* mode depending on installed license.

When *Atollic TrueSTUDIO* does not detect a valid *Pro* license the product runs in *Lite* mode. In *Lite* mode there is no code-size limitation but advanced capabilities like MISRA-C or other code and analysis, ETM/SWV/MTB tracing, RTOS-aware debugging, crash analysis or technical support is not available. The product does not have these limitations when running in *Pro* mode.

The below table defines major differences between *TrueSTUDIO Lite* and *TrueSTUDIO Pro*.

<table>
<thead>
<tr>
<th><strong>TrueSTUDIO Lite</strong></th>
<th><strong>TrueSTUDIO Pro</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>+ Full commercial quality</td>
<td>+ Static code analyzer</td>
</tr>
<tr>
<td>+ Edit, compile &amp; debug</td>
<td>+ MISRA-C check</td>
</tr>
<tr>
<td>+ Project management</td>
<td>+ Source code review</td>
</tr>
<tr>
<td>+ Team collaboration</td>
<td>+ Build analysis</td>
</tr>
<tr>
<td>+ No code size limitation</td>
<td>+ Live variable watch</td>
</tr>
<tr>
<td>+ Target support</td>
<td>+ Event trace</td>
</tr>
<tr>
<td></td>
<td>+ Data trace</td>
</tr>
<tr>
<td></td>
<td>+ Instruction trace</td>
</tr>
<tr>
<td></td>
<td>+ MTB trace</td>
</tr>
<tr>
<td></td>
<td>+ Profiling</td>
</tr>
<tr>
<td></td>
<td>+ Crash analysis</td>
</tr>
<tr>
<td></td>
<td>+ RTOS-aware debug</td>
</tr>
<tr>
<td></td>
<td>+ Technical support</td>
</tr>
<tr>
<td><strong>- Pro</strong> features runs in demo mode</td>
<td><strong>+ Lite</strong> features included</td>
</tr>
</tbody>
</table>

Table 2 – TrueSTUDIO Lite vs Pro

For more information on the features and differences between *Lite* and *Pro*, please read information at the Atollic web-site [www.atollic.com](http://www.atollic.com) and in the *Atollic TrueSTUDIO User Guide*. 
**System Requirements**

*Atollc TrueSTUDIO* is tested and verified on the following Operating Systems:

- Microsoft® Windows® Vista (32-bit version)
- Microsoft® Windows® Vista (64-bit version)
- Microsoft® Windows® 7 (32-bit version)
- Microsoft® Windows® 7 (64-bit version)
- Microsoft® Windows® 8 (64-bit version)
- Microsoft® Windows® 10 (64-bit version)

The following Hardware Requirements apply:

- 2 GB RAM minimum and 4 GB RAM recommended
- 4 GB of free hard disk space
- An Ethernet Network Card

For the *Atollc TrueSTUDIO Pro* version:

- A valid License Number. This is delivered via email to the account registered in conjunction with purchase of the product. If you do not have access to a valid License Number, please contact the person who purchased the product.
- Internet access. Required to register the license and to get license updates.
- An email account. Required to get product information.
# GLOSSARY

<table>
<thead>
<tr>
<th>License / Support:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valid until YYYY-MM-DD</td>
<td>The license can be used until the specified date. After this date (Year-Month-Day) the product will run in Lite mode.</td>
</tr>
<tr>
<td>Perpetual License</td>
<td>The license can be used for an unlimited period of time.</td>
</tr>
<tr>
<td>USB License Key</td>
<td>Special USB copy protection dongle which can be activated to hold a USB License.</td>
</tr>
<tr>
<td>SUA</td>
<td>Support &amp; Upgrade Agreement. Product support is given for licenses with valid SUA. New TrueSTUDIO version can be installed when available and the new version will then run in licensed mode if the license is perpetual or as long as the license is valid.</td>
</tr>
<tr>
<td>Subscription</td>
<td>Prepaid Node Locked License including SUA. The license and SUA is valid during the subscription period.</td>
</tr>
</tbody>
</table>

Table 3 – Glossary, License / Support

<table>
<thead>
<tr>
<th>License attributes:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Node Locked License</td>
<td>License to be installed on a PC (no USB License Key used), This is the normal license type.</td>
</tr>
<tr>
<td>USB License</td>
<td>License to be installed on a USB License Key</td>
</tr>
<tr>
<td>Network Server (x seats)</td>
<td>License is accessible by x seats over a network.</td>
</tr>
<tr>
<td>Remote Desktop</td>
<td>License can be accessed using a remote connection</td>
</tr>
<tr>
<td>Rehostable</td>
<td>The Node Locked license can be transferred from one end user computer to another. The rehost process is performed entirely by the end user, no interaction with Atollic.</td>
</tr>
<tr>
<td>Virtual Machine (VM)</td>
<td>License can be installed on a Virtual Machine. Normally the VM attribute is not enabled. It needs to be requested per license if needed by contacting sales or support. Restriction: The VM attribute can not be used together with Rehostable attribute. So if VM is enabled then Rehostable attribute will be disabled.</td>
</tr>
</tbody>
</table>

Table 4 – Glossary, License attributes
IMPORTANT INFORMATION

This section contains important information on installing the product.

PRODUCT INSTALLER

The Atollic TrueSTUDIO product is from version 5.4 installed using one single installer. There is no need for registration or internet connection during the installation. When the product is installed it will run in Lite mode if no licenses are detected.

The latest version of the Atollic TrueSTUDIO installer can be downloaded from the Atollic web-site www.atollic.com.

If you plan to install Atollic TrueSTUDIO in a Virtual Machine and activate a Pro license this license needs to have the Virtual Machine attribute set.

INSTALLING FROM USB MEMORY

Atollic does not recommend launching the Atollic TrueSTUDIO installer directly from a USB memory. Instead, please copy the executable installation file from the USB memory to the local hard disk drive of the computer. Please execute the installation from the hard disk drive.

If installation from USB memory is still preferred, please make sure that the USB memory is not write-protected. Please also make sure that there is at least 6 GB of free memory, beyond the space the space occupied by installation executable. The extra space is required for temporary files during the installation.

Please do not remove the USB memory from the computer until the installation process is completely finished, as this will make the installation fail.
THE PRO PRODUCT AND LICENSE VERSIONS

The Atollic TrueSTUDIO Pro product is available with two basic license types: An entirely software based Node Locked License, and a hardware based USB License.

The Node Locked License allows installation on a single computer only. The license can be transferred to another computer using the Transfer License process if the license contains the Rehostable attribute. Please refer to section “Transfer License” for details. It can include a Network Server (x seats) attribute and in that case it allows x multiple users on a network to share a number of licenses distributed from a central Network License Server. The Network License Server can be an ordinary PC with Atollic TrueSTUDIO installed or it can be specific PC which only has the Atollic Network License Server software installed.

The USB License allows installation of Atollic TrueSTUDIO on several computers, while limiting the number of simultaneous users to one. Only the computer with the USB License Key connected, can launch the Atollic TrueSTUDIO product with the license. This allows the license to easily be transferred between several computers.

Evaluation licenses are always Node Locked Licenses and not Rehostable. So it is not possible to transfer evaluation licenses from one computer to another.
PRODUCT UPGRADES

Upgrades of subscribed or purchased Atollic TrueSTUDIO products is easy to install and license. New versions of the product can be installed in parallel with older versions. The Atollic TrueSTUDIO installer contains release date information and Atollic TrueSTUDIO Licenses includes date and necessary information.

There is no need to make any registration or activation to make the new product run in Pro mode if an earlier version of Atollic TrueSTUDIO has been installed and a license has been activated. When Atollic TrueSTUDIO is started it searches for a valid license. If a license is found this will be used as long as the subscription is paid or as long as the Support and Upgrades (SUA) date information has not expired for perpetual licenses. If the SUA has expired the new version will run in Lite mode.

START PRODUCT IN OTHER LANGUAGE

When a non-English language has been used to install Atollic TrueSTUDIO the product can run using the selected language or English. Start Atollic TrueSTUDIO from command line using following options:

- English: TrueSTUDIO.exe -nl en
- Japanese: TrueSTUDIO.exe -nl ja
- Korean: TrueSTUDIO.exe -nl ko
- Simplified Chinese: TrueSTUDIO.exe -nl zh

It can be convenient in this case to make a shortcut to start Atollic TrueSTUDIO in the preferred language.
**Atollic TrueSTUDIO Installation**

This section describes how to install the *Atollic TrueSTUDIO* product. The product installer will install both the *Atollic TrueSTUDIO* product and an *Atollic License Manager* which can be used as a *Network License Server*.

If a **Network Server (x seats)** license is used then it is possible to install an *Atollic Network License Server* on a dedicated PC without any need to install also *Atollic TrueSTUDIO*. See next section “*Atollic Network License Server Installation*” on how to install the *Atollic Network License Server*.

The *Atollic TrueSTUDIO* product is delivered as an executable installer. Please ensure that the user account, from which the installer is launched, has administrative privileges.

1. Launch the product installer (.exe-file)
   
   **E.g.** `TrueSTUDIO_for_ARM_win32_v5.4.2_YYYYMMDD-HHSS`

2. During the installation process, Microsoft® Windows® may display a warning dialog, concerning “Unknown software publisher”. Please accept to let the installer continue.

3. Wait for the **Installer Language** dialog to be displayed. Please select the language that should be used for the installing process, and also added to the final installation:

   ![Installer Language Dialog](image)

   **Figure 1 – Installer Language Dialog**
4. Wait for the installer **Welcome** dialog to be displayed:

![Welcome Dialog](image)

**Figure 2 – Installer Welcome Dialog**

5. Click **Next** to view the **License Agreement** dialog:

![License Agreement Dialog](image)

**Figure 3 – License Agreement Dialog**
Read the license agreements. Click I Accept to accept them, or Cancel to abort the installation. If the license agreements are accepted, the installation wizard will display the Choose Components dialog.

6. Wait for the Choose Components dialog to be displayed.

![Choose Components dialog](image)

Figure 4 – Selection of GDB Servers

Select the GDB Server components to be installed together with Atollic TrueSTUDIO. A server is needed for each type of JTAG probe that are to be used for debugging with Atollic TrueSTUDIO.

The set of GDB server components available for selection depends on which targets the Atollic TrueSTUDIO product is aimed for.

The ST-Link GDB server and The P&E Micro GDB server will start installation of their individual device driver or program installers.
7. Wait for the **Choose** Installation *Location* dialog to be displayed.

![Choose Installation Location](image)

Figure 5 – Choose Installation Location

Click the **Browse** button to optionally change the default installation directory.

8. Please click **Next** to start the installation.

The drivers for the selected GDB-servers will be installed in parallel with this installation of *Atollic TrueSTUDIO* from here on.
Figure 6 – Installing Dialog

Figure 7 – Installation Complete
9. Click **Next** and the **File Association** dialog is displayed.

![File Association Dialog](image)

Figure 8 – File Association

Please enter the desired associations between file-extensions and **Atollic TrueSTUDIO**. By associating the .project-file, it is possible to automatically import and start editing new projects, just by double-clicking on the file.

10. Please click **Next** and a page showing information that is relevant to users who are upgrading from a previous version of **Atollic TrueSTUDIO** is displayed. Please read this information carefully when upgrading from a previous version.

![Upgrade Information Dialog](image)
11. Please click **Next** to continue to the final step of the installation process.

![Figure 9 – Upgrade Information](image1)

12. Please click **Finish** to close the installation program.

The *Atollic TrueSTUDIO* product is now installed and ready to be used. It will run in **Lite** mode until it detects a valid **Pro** license. If you have a Pro license then please continue and read section “*Atollic License Manager*” which describes how to install and activate licenses first time.

![There is no license needed to run the product in Lite mode.](image2)
ATOLLIC NETWORK LICENSE SERVER
INSTALLATION

This section describes how to install the Atolllic Network License Server on a dedicated PC without installing the Atolllic TrueSTUDIO product.

If the Atolllic TrueSTUDIO product also shall be used on the PC holding the Network Server (x seats) licenses then see previous section "Atolllic TrueSTUDIO Installation".

The Atolllic Network License Server is delivered as an executable installer when Atolllic TrueSTUDIO is purchased with a Network Server (x seats) license.

Please ensure that the user account, from which the installer is launched, has administrative privileges.

1. Launch the License Server installer (.exe-file)
   E.g. Atolllic_Network_License_Server_v5.4.2_20160315-0003.exe

2. During the installation process, Microsoft® Windows® may display a warning dialog, concerning "Unknown software publisher". Please accept to let the installer continue.

3. Wait for the Installer Language dialog to be displayed. Please select the language that should be used for the installing process, and also added to the final installation:

   ![Installer Language Dialog](image)

   Figure 11 – Network Installer Language Dialog
4. Wait for the installer **Welcome** dialog to be displayed:

![Network Installer Welcome Dialog](image12.png)

**Figure 12 – Network Installer Welcome Dialog**

5. Wait for the **Choose** Installation **Location** dialog to be displayed.

![Network Choose Installation Location](image13.png)

**Figure 13 – Network Choose Installation Location**
Click the **Browse** button to optionally change the default installation directory.

6. Please click **Next** to start the installation.

![Network Installation Complete](image14.jpg)

Figure 14 – Network Installation Complete

7. Please click **Next** to start the installation.

![Network Finishing the Installation](image15.jpg)

Figure 15 – Network Finishing the Installation
The Atollic Network License Server is now installed and the Network Server (x seats) licenses are ready to be installed using the Atollic Network License Server software. This can be started from the Atollic Network License Server group in Windows start menu.

The Atollic Network License Server is similar to the Atollic License Manager which is included in the Atollic TrueSTUDIO product.

Please continue to read the next section which describes how to install and activate licenses first time.
Section 2. **ATOLLIC LICENSE MANAGER**

This section provides information about the **Atolllic License Manager** and how to activate and manage **Atolllic TrueSTUDIO** licenses. The following topics are covered:

- Introduction to **Atolllic License Manager** and Install license first time
- Activate Licenses
- Update License
- Transfer License
- Kill License
- Apply License Files
- Network License Selection
INTRODUCTION TO LICENSE MANAGER

When the Atollic TrueSTUDIO product is started it will try to detect licenses for the product. The product first searches the local PC for a license, and then the network. If a valid license is found the product will run using the features enabled by the license. If no valid license is found the product will run in Lite mode. The Atollic TrueSTUDIO product contains an Atollic License Manager which is used to handle product licenses.

The Atollic License Manager can be started inside Atollic TrueSTUDIO via the Help menu or directly from the Atollic TrueSTUDIO group in Windows start menu.

If the Atollic Network License Server software has been installed on a dedicated PC the Atollic Network License Server software can be started from the Atollic Network License Server group in Windows start menu.

![Image of Atollic License Manager](image)

Figure 16 – Open Atollic License Manager

The Atollic License Manager displays information about current found licenses.

If no valid license was found the following dialog appears. A common reason this dialog appears is that no license has been installed.

When licenses based on a USB License Key or Network License Server is intended to be used and no license is found then please investigate your hardware and network connections. Note! It does not work to use an USB License from a PC connected via remote desktop.

The following sections “Install License First Time” and “Activate Licenses (online or offline)” informs how to install/activate a license.
Note! Also **USB License Key** and **Network Licenses** needs to be activated one-time before they can be used. When such license has been activated a PC with **Atollic TrueSTUDIO** installed will use the license if the **USB License Key** is connected to the PC or if the PC is connected to the network with the **Network License Server**.

There is no license needed to run the product in **Lite** mode.

---

**Figure 17 – No License Found**

The **Activate** button is used to activate a license and the **Skip** button is used to proceed and display the **Atollic License Manager**.

---

**Figure 18 – Atollic License Manager**
**VIEW LICENSE REGISTRATION INFORMATION**

A double click on a **License Number** in the **Atollic License Manager** opens a window presenting who the license belongs to with registration information. It contains: User name, Email address, and Company name.

![Figure 19 – License Details Information](image)

**GATHER LICENSE INFORMATION FOR SUPPORT**

There is a **Gather support information**... selection in the **Help** menu in **Atollic License Manager**. This selection is used to generate a **SupportInformation.dump** file from the system. This file may be useful in case of any problem which requires license support from Atollic. Select where to save the file. A dialog will inform where the file is stored.

![Figure 20 – Support Information Dump File](image)
THE MANAGE MENU

The Manage menu in the Atollic License Manager is used to:

- Activate (install license first time)
- Update licenses (online or offline)
- Transfer license
- Kill license
- Apply license files

Figure 21 – Manage Atollic Licenses

The Atollic License Manager displays “Fetching license information...” when no Licenses are found.

INSTALL LICENSE FIRST TIME

To install an Atollic TrueSTUDIO Pro license you need to have an Atollic TrueSTUDIO License Number and also have received information that your license is ready to be activated. The next section describes how the Atollic License Manager is used to activate Atollic TrueSTUDIO licenses.
VIRTUAL MACHINE

Installation of *Atollic TrueSTUDIO Pro* licenses on a Virtual Machine (VM) is an option which requires the **Virtual Machine** license attribute to be enabled. Please contact your sales representative or support if the license needs to be updated for usage on VM.

When the license has the **Virtual Machine** attribute enabled the license will have the **Rehostable** attribute disabled. This means that the license can not be moved to another PC without a license update made by Atollic.

*Atollic TrueSTUDIO Pro* has been tested using VMware ESXi, Oracle VM VirtualBox, and Parallels Desktop for Mac.
ACTIVATE LICENSES (ONLINE OR OFFLINE)

To install an Atollic TrueSTUDIO Pro license you need to have an Atollic TrueSTUDIO License Number and also have received information that your license is ready to be activated.

If you have a USB License then you need to insert the USB License Key into the PC also at this time.

Start the Atollic License Manager according to the information described in previous section.

In the Atollic License Manager use the Manage, Activate... menu to open the Activate a TrueSTUDIO license dialog.

Enter the License Number you have received for your license into the dialog. Verify that the License Number is correct and select I want to install the license on this computer or I want to install the license on an Atollic USB license key depending on the type of license to be installed.

Press Next to continue.
Note! When a **USB License** shall be installed a blank, non-licensed, **USB License Key** needs to be inserted into the PC.

The Enter registration information dialog is now displayed.

![Activate a TrueSTUDIO license](image)

**Figure 23 – Enter Registration Information**

Enter your contact information into all fields to register.
Figure 24 – Registration Information

Make sure all information is correct and please verify the email address an extra time. When everything is correct, press **Next**.
If the computer is connected to internet, please select **Activate the license online**. This is the recommended and easiest way to activate the license.

If the computer is not connected to internet, please select the **Generate Atollic License Information file**.

**ONLINE ACTIVATION**

1. When **Activate the license online** is selected and **Finish** button is pressed, the system responds in one of three different ways.

   a) **Successful Activation.** The new license is installed correctly. The product needs to be restarted to make usage of the license.
b) No Connection with License Server. Please check the internet connection of the computer, and retry activating the license.

![Internet Communication Error](image)

Figure 27 – Internet Communication Error

c) License Activation Not Enabled, or License Already Activated. This message is displayed if Atollic has not yet enabled activation of the license, or if the license is already activated. Please contact support@atollic.com for help.

![License Not Enabled or Already Activated](image)

Figure 28 – License Not Enabled or Already Activated

**OFFLINE ACTIVATION**

If Generate Atollic License Information file is selected and Finish button is pressed, an Atollic License Information file, LicenseInformation.ali, is created.

The following dialog is opened when the Atollic License Information file has been created and saved.

![License Information File Created](image)

Figure 29 – License Information File Created
Copy the **Atollic License Information** file to a USB memory or some other media. Please go to [www.atollic.com/license-manager/license-activate](http://www.atollic.com/license-manager/license-activate) and use the file to activate the license. You will receive an activation file in return. This file shall be installed using the *Atollic License Manager* menu *Manage, Apply license file*...

More information is available in the “Apply License Files” section in this manual.
**UPDATE LICENSES (ONLINE OR OFFLINE)**

The Manage, Update Licenses... menu opens the *Update installed local license(s)* dialog. This dialog two options, Update online and Update offline, which is used to update licenses. For instance update licenses is required when time-limited licenses shall be prolonged.

![Update installed local license(s)...](image)

**UPDATE ONLINE**

If the PC is connected to internet Update online can be used. When this option is selected the Atollic License Manager will try to connect with the Atollic License Server using internet. The License Manager will fetch information from the Atollic License Server and if there is an update available for the license the update will be made.

If no license updates are available the following information is presented.

![No updates available](image)

*Figure 30 – No license updates available*

If no license has been installed the following information is presented.
If you have received a new license then please use the Manage, Activate... menu to activate a license first time.

**UPDATE OFFLINE**

If Update Offline is selected, the activation is performed as follows:

An Atolllic License Update Information file, LicenseUpdateInformation.ali, is created when pressing the Generate Atolllic License Information file... button. Please store this file on the PC.

The following dialog is opened when the Atolllic License Information file has been created and saved.

Copy the Atolllic License Update Information file to a USB memory or some other media.

Please go to www.atolllic.com/license-manager/license-update and use the file to update the license. You will receive an update file, LicenseUpdates.alf, in return. This file shall be installed using the Atolllic License Manager menu Manage, Apply license file... More information on how to apply a license file is available in the “Apply License Files” section.
TRANSFER LICENSE

The license which shall be transferred must not have any features which is marked as “Feature is not rehostable”. Please open the Atollic License Manager and expand the license information so that features can be seen. Check if the Notes field informs “Feature is not rehostable”. If this is the case it will not be possible to transfer the license to a new computer.

Normally purchased Atollic TrueSTUDIO Node Locked Licenses can be transferred from one computer to another. However, Evaluation Licenses and licenses with the Network Server (x seats) attribute, does not have this feature.

Contact your local distributor or Atollic support team. support@atollic.com, with the license number that you wish to transfer if you have purchased a license which does not have the “rehostable attribute enabled.

To transfer a Node Locked License from the originally installed “old” computer to another “new” computer the Atollic License Manager needs to be started in stand-alone mode.

If Manage, Transfer License... menu is opened from the Atollic License Manager inside Atollic TrueSTUDIO product the following dialog is displayed.

![Transfer license not available](image)

Figure 33 – Transfer license not available

Please exit Atollic TrueSTUDIO and start the Atollic License Manager from Windows start menu.

To transfer a license use the Manage, Transfer License... menu in Atollic License Manager.

Transfer of license is made in three steps.

1. Generate a Computer ID file from the recipient new computer which the license shall be transferred to.

2. Generate a license transfer file from the old computer which now has the license using the file made in Step1. During this step the license will be uninstalled from this computer.

3. Apply transfer file on the new computer used in Step1.
STEP 1. NEW COMPUTER – PREPARE FILE

First a Computer recipient file needs to be created on the new computer which shall have the license. *Atollic TrueSTUDIO* needs to be installed on this computer. If *Atollic TrueSTUDIO* is not installed please install it first.

Make sure *Atollic TrueSTUDIO* is not running and start the *Atollic License Manager* from Windows start menu. Open the Transfer a License dialog using the Manage, Transfer License... menu in *Atollic License Manager*.

Select Step1: in the selection box and browse to a location where the *Atollic Recipient License Information* file, Recipient.id, can be saved.
Press Generate to save the Recipient.id file. The following dialog shall appear.

The recipient file has now been generated and it will be used in next step on the old computer which currently has the Atollic TrueSTUDIO license. Press OK to close the dialog.
**STEP 2. OLD COMPUTER — TRANSFER FILE**

The next step is to use the recipient file created in step 1 and to create a license transfer file from the old computer.

Make sure *Atollic TrueSTUDIO* is not running on the old computer and start the *Atollic License Manager* from Windows start menu. Open the Transfer a License dialog using the Manage, Transfer License... menu in Atollic License Manager.

1. Select **Step2**: in the selection box.

2. Select which license you wish to transfer by clicking on the license in the dialog. The line with the license will be high-lighted.

   ![Warning]

   If no license number is visible then close the Transfer License dialog and expand the license information so that features can be seen for the license. If the **Notes** field informs “Feature is not rehostable” then it will not be possible to transfer the license to a new computer. This may be the case for evaluation licenses. Please contact support@atollic.com for help if you have purchased a commercial license and have problem to transfer it to a new computer.

3. Browse and select the **Atollic Recipient License Information** file, Recipient.id, which was generated from the new computer in step 1.

4. Browse to a location where the **Atollic Transferred License** file, TransferredLicense.alf, can be saved.
Figure 37 – Step 2, Generate Transfer License File

Press **Save** to save the `TransferredLicense.alf` file. The following dialog shall appear and the license can not be used on the old computer any more.

Figure 38 – Step 2, Transfer License File Generated

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**STEP 3. NEW COMPUTER – APPLY LICENSE**

The last step is to use the transferred license file created in step 2 and to apply the license to the new computer.

On the new computer open the **Transfer a License** dialog using the **Manage, Transfer License**... menu in **Atollic License Manager**.
1. Select **Step 3**: in the selection box.

2. Browse and select the **Atollc Transferred License** file, `TransferredLicense.alf`, which was generated from the old computer in step 2.

   ![Figure 39 – Step 3, Apply License](image)

   Press **Apply** to use the `TransferredLicense.alf` file. This will transfer the license to the new computer and the following dialog shall appear.

   ![Figure 40 – Step 3, License File Transferred Successfully](image)
Press OK. The Atollc License Manager will now display the license information.

The license is now ready to be used on the new computer. Press OK to close Atollc License Manager and start Atollc TrueSTUDIO.
**KILL LICENSE**

If you for some reason no longer wants to use the Atollic commercial license. Please proceed as follow to kill the license:

1. Contact Atollic Support, support@atollic.com, with the license number that you wish to kill.

2. Wait for confirmation that Atollic Support has killed the license, then proceed with the below steps.

3. Launch the TrueSTUDIO License Manager (Help -> License Manager... in TrueSTUDIO) on the computer that you wish to kill a license on.

4. In the License Manager, select Manage -> Update licenses..., choose either Update online or Update offline and follow the instructions to update your Licenses.

5. After your license is updated, proceed with generating a Kill License Receipt file (.alr) by selecting Manage -> Kill license... There are two options to make the kill receipt, automatically and manually.
   Automatically kill: When internet is used to send the Kill license receipt automatically the license is now killed and information about this is stored in the Atollic License Server.
   Manually kill: When a License receipt file is generated this file needs to be sent to Atollic manually. Please go to www.atollic.com/license-manager/license-kill and upload the *.alr file to Atollic.

The Generate kill dialog opened from menu Manage -> Kill license... has two options.
Select Online: Use the internet to ... when the PC has access to internet. Click OK to send the kill file.
Select **Offline: Generate a license receipt file ...** when the computer do not have internet access. Browse to a folder where the receipt file shall be stored. Click **OK** to save the file.
**APPLY LICENSE FILES**

The Manage, **Apply license file...** menu is used to apply a license which has been received as a file. The file browser is opened when **Apply license file...** is selected. Please locate and open the Atollc License file, LicenseUpdates.alf, which was received for the license activation or update.

The following dialog is displayed after a successful update.

![License file applied successfully](image)

Figure 44 – License File Applied Successfully
NETWORK LICENSE SELECTION

When *Atollic TrueSTUDIO* is started it will try to detect valid licenses for the product. If a valid license is not found on the PC it will search if there are any network licenses available.

If some network licenses for the product is found the following dialog appears listing the found licenses. The checkbox before the license number is used to select that a license shall be used.

As mentioned earlier the *Atollic License Manager* can be started inside *Atollic TrueSTUDIO* via the *Help* menu or directly from the *Atollic TrueSTUDIO* group in Windows start menu. The *Network License Selection* tab in the *Atollic License Manager* displays licenses available on the network. The checkbox before the license number is used to select or deselect licenses.

When changes has been made in the *Network License Selection* tab *Atollic TrueSTUDIO* needs to be restarted to make the changes to take effect.
Section 3. **FREQUENTLY ASKED QUESTIONS (FAQ)**

This section provides information on some common questions related to the installation process:

- No Internet Connection
**NO INTERNET CONNECTION**

The computer, on which *Atollc TrueSTUDIO* is to be installed, may not need an internet connection during normal operation. However, internet access is needed to complete the License Registration.

It is not mandatory to register the license from the same computer as *Atollc TrueSTUDIO* is being installed on. How license handling is done in such cases are described in the Manual Activation and Update Offline sections in this manual.
CONNECT TO NETWORK LICENSE SERVER ON DIFFERENT SUBNET

A separate configuration file is needed when Atollic TrueSTUDIO is located on a different subnet than the Network License Server. In this case the following manual configuration is needed:

1. Create a file called `hasp_96952.ini` with the following contents:
   ```ini
   SERVERADDR = 192.168.0.1
   ```
   **Note!** The “192.168.0.1” shall be replaced with the actual IP-address of the network server.

2. Save the `hasp_96952.ini` file in the following location when using Windows Vista/7 or later:
   ```plaintext
   %LocalAppData%/SafeNet Sentinel/Sentinel LDK/
   ```
   **Example:** If the user is named **user1** the file shall be:
   ```plaintext
   %SystemDrive%\Users\user1\AppData\Local\SafeNet Sentinel\Sentinel LDK\hasp_96952.ini
   ```