

## How to Get Started

Congratulations on your software tools purchase from Keil. It is our goal to provide you with the very best embedded software development tools. To accomplish that, we design our tools to make your software engineering efforts easier.

This **Read Me First** Guide introduces the Keil Development Tools and gets you up and running quickly. It shows how to install your new software and provides you with places to go when you need help or more information.

## What's Included

Your kit includes:

- This **Read Me First** Guide,
- The **Getting Started** User's Guide,
- The **Microcontroller Development Tools CD-ROM** which contains the **SETUP** program that installs the software on your computer.

## Minimum System Requirements

Your computer must meet certain requirements for the Keil Development Tools to function properly.

- Microsoft Windows® 2000, Windows® XP, or Windows® Vista
- A Mouse or Similar Pointing Device
- 200 Megabytes of Available Hard Disk Space
- 256 Megabytes of RAM

## Product Updates

Product updates are regularly posted to the Keil web site at [www.keil.com/update](http://www.keil.com/update). You may add your name to our list server to receive an e-mail notification when a new update is available for download.

Software Installation

Product Licensing

Product Updates

Technical Support



# Software Installation

## Installing the Software

Insert the CD-ROM into your PC. At the opening screen, select **Install Products & Updates**. If the opening screen does not appear, run **SETUP** from the CD root directory.

- Launch the **SETUP** program by clicking on the appropriate product button.
  - Click **Install Products & Updates** to install a licensed product or an update to a licensed product
  - Click **Install Evaluation Software** to install evaluation versions of the products
- Follow the setup program instructions and when prompted, enter your name, company information, and e-mail address.
- The **SETUP** program installs the software.

## Licensing the Software

After installing the software, start  $\mu$ Vision and open the dialog **File – License Management**.

### For Single License Users:

- Click the **Single-User License** tab and click the **Get LIC Via Internet...** button, review the displayed information and click **OK**.
- Complete the Licensing form (**bold** fields are required) and click the **Submit** button. Your **Product Serial Number (PSN)** is located on the back of the CD-ROM jewel case.
- You will receive an e-mail containing the License ID Code (LIC) for your PC. Paste the LIC into the **New License ID Code (LIC)**: text box and click the **Add** button.
- Your product is now licensed. You may wish to compile and test some of the installed sample programs.

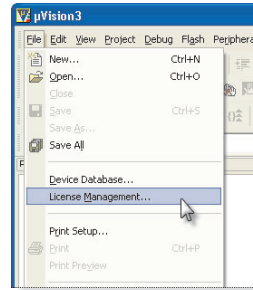
### Moving or Uninstalling a License:

Your License ID Code (LIC) is unique to your PC hardware. Before changing your computer hardware, you must uninstall your license. From the **Single-User License** tab select the product and click the **Uninstall** button.

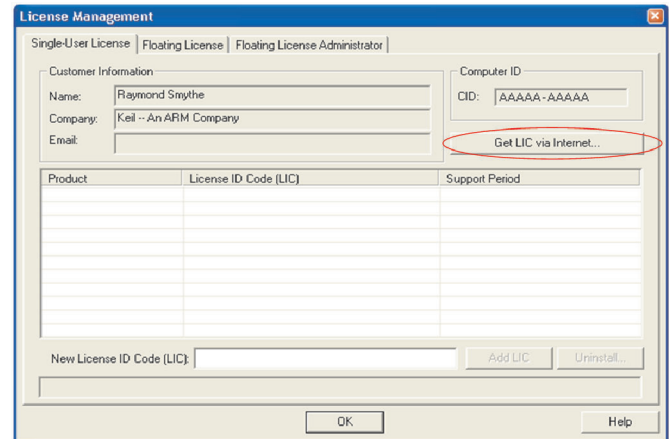
After making your hardware changes, you may re-license the software as described above.



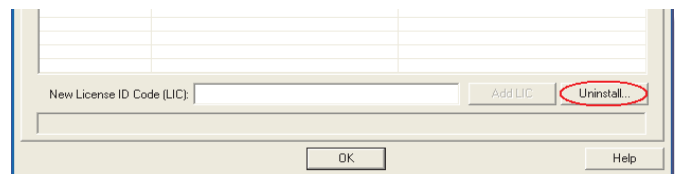
Choose the tools to install from the CD menu.



When using the  $\mu$ Vision License Management, on Microsoft Windows Vista **you must** explicitly start  $\mu$ Vision with **Administration Rights**.



Click **Get LIC via Internet** to obtain a single-user license key.

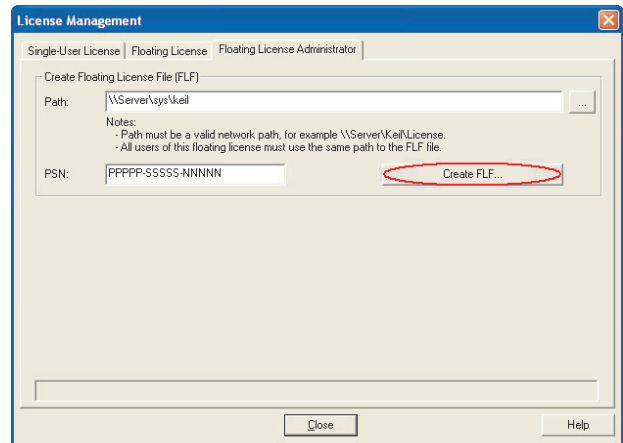


Click the **Uninstall** button is used to uninstall an existing license.

# Product Licensing

## For Floating License Administrators:

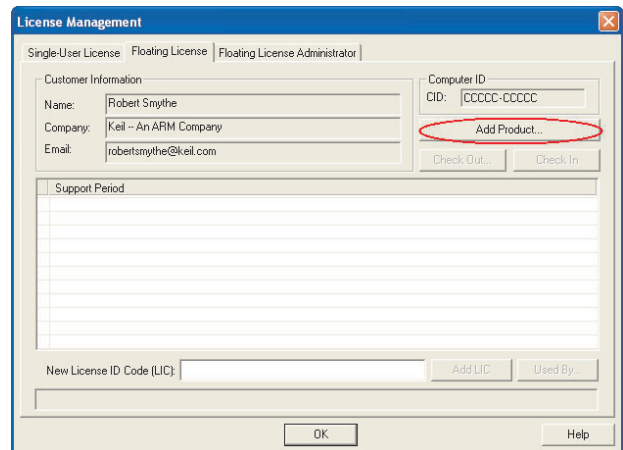
- Click the **Floating License Administrator** tab and set up a folder on a file server that allows **read** and **write** access for all potential users of the  $\mu$ Vision floating license. *Once created, this file may not be moved or copied.* You may archive the file for backup purposes, but the file must be restored to the same file server, path and filename.
- Enter the **Product Serial Number (PSN)** located on the back of the CD-ROM jewel case.
- Click the **Create FLF** button. This creates the floating license file (.FLF) for floating license users.
- Notify the floating license users of the drive, path, and file name of this FLF so they may use it to obtain a license.



Creating a Floating License installation.

## For Floating License Users:

- Obtain the drive, path, and file name of the floating license file set up by your Floating License Administrator.
- Click the **Floating License** tab and then click the **Add Product** button.
- Browse to the FLF as directed by your floating license administrator.
- Select the file, click the **Open** button, review the displayed information, and click **OK**.
- Complete the Licensing form (**bold fields** are required) and click the **Submit** button.
- You will receive an e-mail containing the License ID Code (LIC) for your PC. Paste the LIC into the **New License ID Code (LIC)**: text box and click the **Add** button.
- Your product is now licensed. You may wish to compile and test some of the installed sample programs.

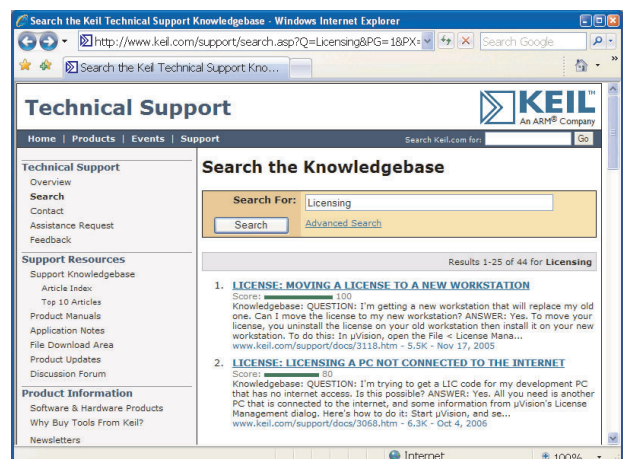


Adding Floating License products.

Refer to [www.keil.com/support/man/docs/license](http://www.keil.com/support/man/docs/license) for detailed information about product licensing.

## Getting Assistance

If you have any difficulties installing this or any Keil product refer to *Getting Technical Support* on page 4 to learn how to contact technical support. You may also check the Support Knowledgebase on the web at [www.keil.com/support](http://www.keil.com/support).



The online Knowledgebase is easy to search for answers.

# Getting Technical Support

Keil provides a number of ways to get technical support. Our web site is the easiest and most readily available. If you need to call or send e-mail, please be sure to include your name, phone number, and Product Serial Number or License ID Code so our support analysts can promptly address your request.

## For Web-based Technical Support...

Check the support knowledgebase at [www.keil.com/support](http://www.keil.com/support). Keil updates this information on a daily basis and includes all the latest questions and answers from the technical support department.

## For Application Notes...

Check the application notes section at [www.keil.com/appnotes](http://www.keil.com/appnotes). Application notes help you with complex issues like interrupts and memory utilization.

## On-line Discussion Forum...

The on-line discussion forum at [www.keil.com/forum](http://www.keil.com/forum) is an open forum where you may post questions and comments about your Keil product.

## E-mail...

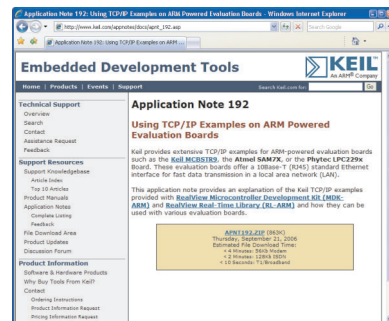
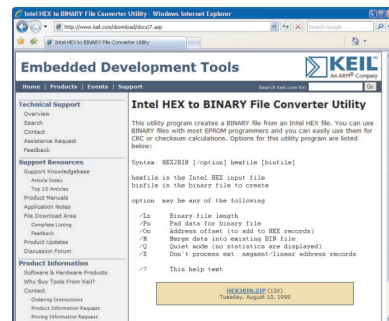
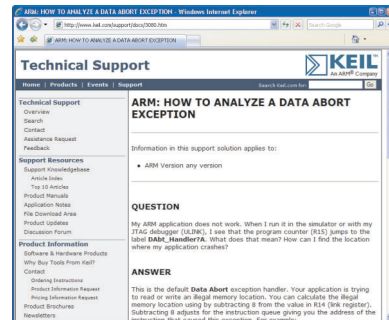
Send your request using the online form at [www.keil.com/support/gethelp.asp](http://www.keil.com/support/gethelp.asp) or directly to one of the e-mail addresses listed below. Include your Product Serial Number or License ID Code as well as a phone number where we may reach you. When you provide us with your e-mail address our automated support system connects your e-mail with your service history and helps us respond more quickly.

## Telephone...

You may contact our technical support group at the numbers listed below. Please have your Product Serial Number or License ID Code ready when you call.

## When contacting support...

Please keep your explanation clear and to the point. If you have a MAP file, or LISTING file that clearly illustrates the problem, please include it as it may help us resolve your issue more quickly. If you need to submit your source code this should be done using the online form at [www.keil.com/support/gethelp.asp](http://www.keil.com/support/gethelp.asp)



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**Program examples and detailed technical information are available from your distributor and our web site ([www.keil.com](http://www.keil.com)).**