

# IC Validator Installation Notes

## Version C-2009.06

June 8, 2009

---

These installation notes present information about installing IC Validator version C-2009.06 in the following sections:

- [Media Availability and Supported Platforms](#)
- [Disk Space and Memory Requirements](#)
- [Installing the Software](#)
- [Setting Up the User Environment](#)
- [Verifying the IC Validator Installation](#)
- [Viewing the IC Validator Documentation](#)

Note:

The installation instructions in this chapter are the most up-to-date available at the time of production. However, changes might have occurred. For the latest installation information, see the product release notes or documentation.

See also <http://www.synopsys.com/Support/Licensing/Installation/Pages/default.aspx> for additional installation and licensing information.

---

## Media Availability and Supported Platforms

IC Validator is available by EST download upon initial software release, and at a later date on DVD (or CD depending on image size).

Table 1 shows the supported compute platforms, operating systems, Synopsys platform keywords, and windowing environments for this release.

Table 1 Supported Platforms, Operating Systems, and Keywords

Compute Platform	Operating System	Synopsys Platform Keyword	Windowing Environment
x86_64	Red Hat Enterprise Linux v4, 5 <sup>1</sup>	amd64 (64-bit mode) linux (32-bit mode) <sup>2</sup>	GNOME
x86_64	SUSE Enterprise Linux v9, 10 <sup>1</sup>	suse64 (64-bit mode) suse32 (32-bit mode)	KDE
x86_64	Solaris 10	x86sol64 (64-bit mode) x86sol32 (32-bit mode)	CDE
x86	Red Hat Enterprise Linux v4, 5 <sup>1</sup>	linux (32-bit mode) <sup>2</sup>	GNOME
x86	SUSE Enterprise Linux v9,10 <sup>1</sup>	suse32 (32-bit mode)	KDE
Sun SPARC	Solaris 9, 10 <sup>1</sup>	sparc64 (64-bit mode)	CDE

1. Binary-compatible hardware platform or operating system. Note, however, that binary compatibility is not guaranteed. See <http://www.synopsys.com/Support/Licensing/Pages/default.aspx> for latest information.

2. The 32-bit (x86) and 64-bit (x86\_64) Linux software is binary compatible with the Intel EM64T or AMD Opteron running Red Hat Enterprise Linux. See <http://www.synopsys.com/Support/Licensing/Pages/default.aspx> for latest information.

---

## Disk Space and Memory Requirements

The disk space requirement depends on the platform. [Table 2](#) shows the maximum space required for installing IC Validator on a particular platform.

*Table 2 Disk Space Requirements (in Megabytes)*

Platform	Megabytes
Platform-independent files (common files)	72
AMD (64-bit mode)	744
SUSE (64-bit mode)	726
(32-bit mode)	672
x86sol (64-bit mode)	1200
(32-bit mode)	855
Linux (32-bit mode)	690
Sun SPARC (64-bit mode)	1500

---

## Installing the Software

IC Validator uses the Synopsys Installer tool, which allows you to use a text script or a graphical user interface (GUI). For information about downloading the Synopsys Installer, see *Installing Synopsys Tools* at <http://www.synopsys.com/Support/Licensing/Installation/Pages/default.aspx>.

To install IC Validator, follow the procedures described in *Installing Synopsys Tools*. This document provides a Synopsys media installation script. IC Validator is installed in a similar manner.

IC Validator is a stand-alone product and cannot be installed over an existing Synopsys product, including a prior versions of IC Validator. You must create a new directory for IC Validator.

---

## Setting Up the User Environment

To set up the user environment, you must modify the `icv_setup.csh` and `icv_setup.sh` files and set the license environment variable.

---

## Specifying the Executable File Location

Set the `$ICV_HOME_DIR` environment variable by replacing the `<TOP-LEVEL-INSTALL-DIR>` text in the `icv_setup.csh` or `icv_setup.sh` files with the path of the IC Validator installation directory.

- If you are using the C shell, modify the following line in the `icv_setup.csh` file:

```
setenv ICV_HOME_DIR <TOP-LEVEL-INSTALL-DIR>
```

For example,

```
setenv ICV_HOME_DIR /usr/synopsys/icv/version
```

- If you are using the Bourne shell, modify the following line in the `icv_setup.sh` file:

```
ICV_HOME_DIR=<TOP-LEVEL-INSTALL-DIR>
```

For example,

```
ICV_HOME_DIR=/usr/synopsys/icv/version
```

---

## Setting the `SNPSLMD_LICENSE_FILE` Environment Variable

You must install the Synopsys Common Licensing (SCL) software and define the `SNPSLMD_LICENSE_FILE` variable before you can verify the IC Validator installation.

For information about downloading SCL, installing SCL, or setting the license variable, see *Installing Synopsys Tools* at <http://www.synopsys.com/Support/Licensing/Installation/Pages/default.aspx>.

---

## Verifying the IC Validator Installation

To verify the IC Validator installation,

1. Make sure you are in a directory where you have read/write privileges.

```
% cd $HOME
```

2. Invoke the tool by entering

```
% icv -V
```

If you see information about the product version, production date, and copyright, the installation was successful.

---

## Viewing the IC Validator Documentation

The IC Validator documentation is in `ICV_HOME_DIR/doc/icv`. The pdf directory contains PDF files of all IC Validator user guides and the reference manual.

The documentation is available

- through the VUE Help menu.
- from the Synopsys SolvNet web site Documentation page.

The release notes are available on SolvNet in the Download Center.