



# **Release Notes for Licensing Mentor Graphics Software**

Software Version v2014\_2

December 2014

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# Licensing Release Notes

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Some of the changes in this release may affect how licensing works or how licensing is managed. Changes of special note are:

- Fixed a problem that causes licensing to hang when the license server specification value is too long.
- Fixed a problem where licensing may consume more licenses than requested for products that use bulk licensing when using multiple license servers.
- Fixed a problem where licensing sometimes does not queue on a feature when using multiple license servers.
- Retired support for Windows XP.
- General stability improvements.

## FlexNet Version

This version of the Mentor Graphics Licensing uses FlexNet™ Version 11.11.1.1.

Customers may need to update the license servers (**lmgrd**) and vendor daemons (**mgcld**) to use this release. The updated license server continues to support older applications without modification. However, an application using this new version of licensing may not be able to acquire licenses from older servers.

Each product released with FlexNet v11.11.1.1 contains everything you need for the license server update. For details on updating your license server, search SupportNet at the following website for “FlexNet v11.11.1.1 updates.”

<http://supportnet.mentor.com/>

For details on FlexNet v11.11.1.1, refer to the *License Administration Guide* available on SupportNet or refer to TechNote mg66951.

<http://supportnet.mentor.com/reference/technotes/public/technote.cfm?tn=mg66951>

## FlexNet Defects Fixed With v11.11.1.1

FlexNet v11.11.1.1 addresses the following issues:

- **MAX Option Enhancements**

To avoid having to repeat the MAX option multiple times to restrict all users or all groups, you can now specify ALL\_USERS for the USER value or ALL\_GROUPS for the GROUP value in a single MAX line.

- **Reserved Licenses Now Properly Released**

Previously, when all licenses for a feature were reserved, and the RESERVE keyword was then removed from the options file and a reread performed, only users with a previous reservation could check out the feature. When other users attempted a checkout, it failed.

Now reserved licenses are released after a reread is performed.

- **Adding Options File Later No Longer Crashes or Restarts the Vendor Daemon**

The vendor daemon no longer crashes and then restarts when the following sequence occurs:

- No options file with the INCLUDE option is present when the license server is started, even though the licenses contain the USER\_BASED or HOST\_BASED keyword.
- The options file is added later (with the appropriate INCLUDE information) and an lmreread is performed.

- **Delay Added to lmgrd Service Automatic Startup**

The service-startup type for lmgrd.exe is now set to Automatic (Delayed Start) in the Windows services manager. This setting allows extra time before starting the service should any performance issues occur during a machine boot up.

- **lmhostid Retrieving All MAC Addresses on Linux**

lmhostid -ether is now retrieving all MAC addresses, both active and inactive, for a machine (as long as DEVPATH is set to a value other than /devices/virtual and SUBSYSTEM is set to net).

- **lmreread Provides Licenses for Queued Clients**

If a client was in a queue waiting for a license, and licenses were added (for example, a new license file with an increased count was supplied), and an lmreread was performed, then the queued client would not receive a license until some other client performed a checkin. Now queued clients will be supplied a license immediately after reread of increased license count. The limitation of waiting until another client checks in a license no longer applies.

## MGLS (UNIX/Linux) Changes

### Changes to Supported Platforms

There are no changes to the supported UNIX/Linux platforms in this release.

### DRs Addressed in This Release

- Long server specification may cause licensing to hang (DR 940950)
- MGLS may consume more licenses than requested for products that use bulk licensing when using multiple license servers (DR 1073494)
- MGLS sometimes does not queue on a feature when using multiple license servers (DR 1084947)

## PCLS (Windows) Changes

### Changes to Supported Platforms

The Windows XP operating system is no longer supported.

### DRs Addressed in This Release

- General stability improvements.

## Custom Hostid/Hardware Key/Dongle Support

Mentor Graphics only supports the FLEXID 9- USB hardware key dongle.

## Known Licensing Problems

Products that use the 32-bit Linux licensing components on Linux 64-bit operating systems may require installation of the following 32-bit compatibility packages (listed below) to run licensing.

- glibc.i686
- redhat-lsb.i686

Note that 64-bit licensing components do not run on 32-bit Linux operating systems.

Refer to Technote [MG583205](#) for more information.

## Supported Platforms

The following table lists the supported platforms for this release of Mentor Graphics licensing.

**Table 1. Supported Platforms**

<b>Operating System</b>	<b>Hardware Architecture</b>	<b>Operating System Version(s)</b>
AIX 32/64-bit	PowerPC	AIX 5.3 ML 07 AIX 6.1
Linux 32-bit	x86	Red Hat Enterprise 5 Red Hat Enterprise 6 SuSE SLES 10 SuSE SLES 11
Linux 64-bit Mentor Graphics applications that use the new 64-bit Linux licensing components no longer require installation of the 32-bit compatibility packages to run licensing.	x86_64	Red Hat Enterprise 5 Red Hat Enterprise 6 SuSE SLES 10 SuSE SLES 11
Solaris 32/64-bit	SPARC	Solaris 10
Windows 32-bit	x86	Windows Vista (Business, Enterprise, Ultimate)  Windows 7 SP1 (Professional, Enterprise, Ultimate)  Windows 8 (Professional, Enterprise)  Windows Server 2003  Windows Server 2008

**Table 1. Supported Platforms (cont.)**

Operating System	Hardware Architecture	Operating System Version(s)
Windows 64-bit	x86-64	<p>Windows Vista 64 SP2 (Business, Enterprise, Ultimate)</p> <p>Windows 7 64 SP1 (Professional, Enterprise, Ultimate)</p> <p>Windows 8 64 (Professional, Enterprise)</p> <p>Windows Server 2003</p> <p>Windows Server 2008 SP2</p> <p>Windows Server 2008 R2</p> <p>Windows Server 2012</p>

## Supporting Licensing Documentation

Refer to the following manuals for licensing installation and configuration information:

- *Licensing Mentor Graphics Software*, v2014\_2
- Flexera's *License Administration Guide*, v11.11.1

## Mentor Graphics Support

Mentor Graphics software support includes software enhancements, technical support, access to comprehensive online services with SupportNet and the optional On-Site Mentoring service. If you have questions about this software release, please log in to SupportNet. You may search thousands of technical solutions, view documentation, or open a Service Request online at:

<http://supportnet.mentor.com/>

The SupportNet Licensing Communities site is available at:

[http://communities.mentor.com/mgcx/community/licensing\\_installation](http://communities.mentor.com/mgcx/community/licensing_installation)

