



Release Notes for Licensing Mentor Graphics Software

Software Version 2013_2

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Mentor Graphics Corporation
8005 S.W. Boeckman Road, Wilsonville, Oregon 97070-7777
Telephone: 503.685.7000
Toll-Free Telephone: 800.592.2210
Website: www.mentor.com
SupportNet: supportnet.mentor.com/

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Licensing Release Notes

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

- New version of FlexNet.
- Change in supported platforms.
- Support dropped for parallel port hardware key dongles.
- General stability improvements.

FlexNet Version

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

Customers *must* 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

MGLS no longer supports Red Hat EL 4 Linux, SuSE SLES 9 Linux and Solaris x86. MGLS now supports AIX 6.1.

DRs Addressed in This Release

- **Additional checkouts rollover unavailable servers (DR 902350)**

In prior releases, after a product has checked out licenses from a server, additional checkouts would fail if the server was down, even though other servers had licenses. As of v2013_2, MGLS will now skip over unavailable servers that have provided licenses for prior checkouts for the product and attempt to checkout licenses from other servers.

PCLS (Windows) Changes

Changes to Supported Platforms

PCLS now supports Windows 8 and Windows Server 2012. Microsoft is no longer supporting Windows 7 without SP1; the same is now true for PCLS.

DRs Addressed in This Release

- **MGLS_CONN_TIMEOUT added to PCLS (DR 943295)**

PCLS now supports the MGLS_CONN_TIMEOUT environment variable which was previously only available in MGLS.

Custom Hostid/Hardware Key/Dongle Support

The FLEXID 6-, 7-, and 8- parallel port hardware key dongles are no longer supported.

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

Known Licensing Problems

- **Long license file pathnames cause problems on UNIX (DR 945829)**

Under some circumstances, a long license file pathname specified in MGLS_LICENSE_FILE or LM_LICENSE_FILE can cause licensing to hang or crash. We recommend keeping each license file pathname to less than 1000 characters or use the port@host setting.

Supported Platforms

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

Table 1. Supported Platforms

Operating System	Hardware Architecture	Operating System Version(s)
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 * * MGLS is a 32-bit application and requires 32-bit compatibility libraries which may not be part of the standard OS load. Mentor Graphics recommends that you install the 32-bit compatibility libraries from the Red Hat Linux distribution media.	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 XP SP3 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 XP Pro x64</p> <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*, v2013_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, a new SupportNet Licensing Communities site, 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/>

