



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

Software Version v2012\_1

May 2012

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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:

- Updated FlexNet to v11.10 from v11.6.1.
- Updated the supported operating systems.
- Incorporated all of the changes from the following patch releases:
  - MGLS v2011\_2\_patch1
  - MGLS v2011\_2\_patch3
  - PCLS v2011\_2\_patch2
- Dropped support for most Windows *custom* hostids (for example, non-FlexNet hardware keys or dongles).
- Changed supported platforms for the FLEXID=8- dongle.

## FlexNet Changes

### New Version of FlexNet

This version of the Mentor Graphics Licensing uses FlexNet™ Version 11.10; the previous version used FlexNet v11.6.1.

Customers *must* update the license servers (**lmgrd**) and vendor daemons (**mgld**) 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 v11.10 contains everything you need for the license server update. For details on updating your license server, search SupportNet at the following website for “FlexNet v11.10 updates.”

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

For details on FlexNet v11.10, 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 v11.10

The following defects have been addressed by FlexNet v11.10:

- **License checkout performance problems when checking out 100's of license features** (DR 809739).

FlexNet v11.10 resolves an issue on Windows where checking license validity took an order of magnitude longer using port@host compared to using the path to the license file.

- **FLEXnet loses track of RESERVE counts and pools. May be caused or exacerbated by lmreread** (DR 620581).

FlexNet did not always remove a license reserved with RESERVE depending on how the product checks it in. This is fixed in FlexNet v11.10.

- **Unexpected output from \$MGC\_HOME/bin/lmstat** (DR 670433).

The FlexNet utility **lmstat** would, in some cases, provide duplicate output. This is fixed in FlexNet v11.10.

- **High CPU usage with MGCLD** (DR 807265).

Under some circumstances, FlexNet v11.10 improves CPU utilization for high usage license servers.

## MGLS (UNIX/Linux) Changes

### Changes to Supported Platforms

The following changes have been made to the supported UNIX/Linux platforms.

New Supported OSs	No longer supported
Linux Red Hat EL 4 Linux Red Hat EL 5 Linux Red Hat EL 6	Linux Red Hat EL 3
Solaris 10 SPARC	Solaris 8 SPARC Solaris 9 SPARC

### DRs Addressed in this Release

- **mglc crashes with LM\_LICENSE\_FILE > 1024 chars** (DR 049147).

Prior to this release, specifying a value longer than 1024 characters for \$MGLS\_LICENSE\_FILE or \$LM\_LICENSE\_FILE would cause licensing to crash.

MGLS no longer uses fixed length buffers to hold \$MGLS\_LICENSE\_FILE and \$LM\_LICENSE\_FILE. The total length of \$MGLS\_LICENSE\_FILE and \$LM\_LICENSE\_FILE is now dynamic and dependent on the environment.

- **Request for SERVER information when client reports reconnect attempts** (DR 754091) .

When MGLS attempts to automatically reconnect to a license server, the message(s) that goes to stderr now includes the server location.

```
// Lost connection to license server 1717@yourhost for feature  
calibredrc. Reconnection attempt #1 in progress...
```

## PCLS (Windows) Changes

### Changes to Supported Platforms

The following changes have been made to the supported Windows platforms

New Supported OS	No longer supported
Windows XP SP3	Windows XP SP2 Windows 2000

### DRs Addressed in this Release

- **Build pcls\_ok64** (DR 679091).

The v2012\_1 release of PCLS includes **pcls\_ok64.exe**, a 64 bit version of the **pcls\_ok.exe** utility. It uses the 64-bit licensing DLL, mgls64.dll.

- **Improved license consumption** (DR 748509).

Corrected problem with overconsumption of license features under certain circumstances.

## Custom Hostid/Hardware Key/Dongle Support

The following table shows Mentor Graphics dongle support.

v2012_1 Supported OS	FLEXID			
	6-	7-	8-	9-
Windows XP SP 3 32-bit	Yes	Yes	no	Yes
Windows Vista (Business, Enterprise, Ultimate) 32-bit	Yes	Yes	Yes	Yes
Windows 7 (Professional, Enterprise, Ultimate) 32-bit	no	no	no	Yes
Windows Server 2003 32-bit	Yes	Yes	Yes	Yes
Windows Server 2008 SP2 32-bit	Yes	Yes	no	Yes
Windows XP Pro x64	no	no	no	Yes
Windows Vista 64 SP2 (Business, Enterprise, Ultimate)	no	no	no	Yes
Windows 7 64 (Professional, Enterprise, Ultimate)	no	no	no	Yes
Windows Server 2003 64-bit	no	no	no	Yes
Windows Server 2008 SP2 64-bit	no	no	no	Yes
Windows Server 2008 R2 64-bit	no	no	no	Yes

Support for custom hostids has changed with this release.

No longer supported
CPLUS (CPLUS_ID) dongle Exemplar (EXEMP_SENTINEL) dongle PADS (PSI_ACTM) dongle (Pink key) MTI (MTI_SENTINEL) dongle

## Known Licensing Problems

None

# Supported Platforms

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

**Table 1. Supported Platforms**

Operating System	Hardware Architecture	Operating System Version(s)
AIX 32/64-bit	PowerPC	AIX 5.3 ML 07
Linux 32-bit	x86	Red Hat Enterprise 4 Red Hat Enterprise 5 Red Hat Enterprise 6 SuSE SLES 9 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 4 Red Hat Enterprise 5 Red Hat Enterprise 6 SuSE SLES 9 SuSE SLES 10 SuSE SLES 11
Solaris 32/64-bit	SPARC	Solaris 10
Solaris 32/64-bit	x86-64	Solaris 10
Windows 32-bit	x86	Windows XP SP3  Windows Vista (Business, Enterprise, Ultimate)  Windows 7 (Professional, Enterprise, Ultimate)  Windows Server 2003  Windows Server 2008

**Table 1. Supported Platforms**

Operating System	Hardware Architecture	Operating System Version(s)
Windows 64-bit	x86-64	Windows XP Pro x64  Windows Vista 64 SP2 (Business, Enterprise, Ultimate)  Windows 7 64 (Professional, Enterprise, Ultimate)  Windows Server 2003  Windows Server 2008 SP2  Windows Server 2008 R2

## Supporting Licensing Documentation

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

- *Licensing Mentor Graphics Software*, v2012\_1
- Flexera's *License Administration Guide*, v11.10

## 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/>