



FLEXERA SOFTWARE™

# FlexNet Manager®

for Engineering Applications

## FlexNet Manager for Engineering Applications 15.5 Release Notes

February 2014 (revised September 2014 for FlexNet Report Designer 15.5 release)

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**Note** • These release notes are not cumulative. If you are upgrading from a release other than the most recent release, consult the release notes that accompany the intermediate releases. You can access the release notes archive from Flexera Software's download site, FlexNet Operations On Demand (<https://flexerasoftware.subscribenet.com>).

## Introduction

FlexNet Manager for Engineering Applications enables enterprises to gain a greater understanding of how software licenses are being used globally, by providing the information needed to centralize and accurately report on license usage. This results in reduced software expenses, increased employee productivity, reduced administrative costs, and improved compliance with software license contracts.

## New Feature

FlexNet Manager for Engineering Applications 15.5 includes the following new feature:

- [Support for Dassault Systems License Server](#)

## Support for Dassault Systems License Server

This release introduces support for Dassault Systems License Server (DSLS). Dassault is moving away from IBM's LUM license server to their own DSLS in 2014. To assist our customers with this migration, FlexNet Manager for Engineering Applications 15.5 provides the capability to begin testing DSLS usage reporting.

You must set up the DSLS license server to enable this functionality.

**For more information**—See the section, “Using FlexNet Manager for Engineering Applications to Report on DSLS Usage,” in Chapter 2 of the *FlexNet Manager for Engineering Applications 15.5 Installation Guide*.

## Upgrade Procedures

Upgrading to FlexNet Manager for Engineering Applications 15.5 requires that you start with FlexNet Manager for Engineering Applications 15.x, 14.x, or FlexNet Manager for Engineering Applications 12, with patch 5 applied. See the *FlexNet Manager for Engineering Applications 15.5 Installation Guide* for upgrade instructions.

Contact Flexera Software Support if you need to upgrade from a version of FlexNet Manager for Engineering Applications that is earlier than 12.

# Resolved Issues

The following issues were resolved in the FlexNet Manager for Engineering Applications 15.5 release.

Issue Number	Description
<b>IOC-000089994</b>	FlexNet Manager for Engineering Applications fails to import report log files with the following type of report log file corruption: QUEUED is missing and DEQUEUED is there in the file.
<b>IOC-000088596</b>	Non-administrative users cannot view options files.
<b>IOB-000060652</b>	Universal License Server Admin Set is not updated automatically when a user's role changes from Super Administrator.
<b>IOB-000059399</b>	Setting a report log-rotation schedule for one server in a triad is not transmitted to the other two servers in the triad.
<b>IOA-000027286</b>	The running value of the "Append to Debug Log" option is always selected.

# Enhancements

The following customer-requested enhancements are available in FlexNet Manager for Engineering Applications 15.5.

Issue Number	Description
<b>IOC-000088589</b>	On the Cognos Roles screen, list the Cognos roles in order of capability: Web Administrator, Advanced Business Author, Professional Author, Enhanced Consumer.

# System Requirements

To install and configure FlexNet Manager for Engineering Applications 15.5, you need a basic understanding of the system environment. The following sections describe the specific requirements.

## CPU Cores

The minimum CPU core requirements depend on whether your enterprise installs the Admin and Reporting servers on the same machine or on separate machines.

## Admin and Reporting Servers Installed on Separate Machines

If the FlexNet Manager for Engineering Applications Admin and Reporting servers are installed on separate machines, there are separate requirements for each machine.

Server	Minimum CPU Core Requirement
<b>Admin</b>	<ul style="list-style-type: none"><li>4-core CPU for up to four FlexNet Agents configured with the FlexNet Manager for Engineering Applications Admin server</li><li>8-core CPU for up to eight FlexNet Agents configured with the FlexNet Manager for Engineering Applications Admin server</li></ul>
<b>Reporting</b>	8-core CPU

## Admin and Reporting Servers Installed on Same Machine

If both the FlexNet Manager for Engineering Applications Admin and Reporting servers are installed on the same machine:

- Recommended CPU Cores**—12-core CPU
- Minimum CPU Cores**—8-core CPU

## Servers

Determine the number of required servers based on the following:

- FlexNet Manager for Engineering Applications has two servers (Admin and Reporting). These two servers can be installed on the same machine or on separate machines; however, it is recommended that you install the servers on separate machines if your licensing environment has more than 100 vendor daemons.
- The database server machine should not be shared with FlexNet Manager for Engineering Applications servers.

## RAM

RAM requirements for each component include:

- FlexNet Manager for Engineering Applications Admin server**—At least 1.5 GB RAM (32-bit JVM). 4 GB (64-bit JVM) is recommended for a licensing environment with more than 100 vendor daemons.
- Database server**—At least 4 GB RAM (more RAM may be required if the database server has additional load from other applications).
- FlexNet Manager for Engineering Applications Reporting server**—If your enterprise has more than 300 users using engineering applications, it is recommended that the FlexNet Manager for Engineering Applications Reporting server run on a 64-bit server with 4 GB RAM.



**Note** • By default, FlexNet Manager for Engineering Applications 15.5 installers have maximum memory usage set to 4 GB.

## Hard Drive Space

Hard drive space requirements include:

- **FlexNet Manager for Engineering Applications server**—Required space depends upon the volume of report data. Flexera Software recommends the following calculation to help you determine the required hard drive space:  
 $(1 \times \text{total size of all report log files}) + (2 \times \text{size of report output})$
- **Database server**—Required space depends upon the volume of report data. Flexera Software recommends the following calculation to help you determine the required hard drive space:
  - **When using only Classic Reporting:**  $4 \times \text{total size of all report log files}$
  - **When using Report Designer (Cognos):** Aggregated data for serving Report Designer (Cognos) reports require additional database hard drive space. The required hard drive space depends upon the number of organizational structures and your enterprise's use of Investment Planner functionality, but typically could double the database server space requirement to  $8 \times \text{total size of all report log files}$ . You can manage this space requirement according to your business needs and can reduce it by defining a Usage Data Retention policy using the Usage Data Maintenance screen (available under the Reporting tab in the FlexNet Manager for Engineering Applications user interface).

See system requirements from your database vendor and the database-specific appendices in the *FlexNet Manager for Engineering Applications 15.5 Installation Guide* for memory and space recommendations for the machine that hosts the database.

## Web Browsers

Connect to FlexNet Manager for Engineering Applications using one of the following supported Web browsers:

- Microsoft Internet Explorer, version 7.x and 8.x
- Mozilla Firefox, version 3.5 and 3.6, version 17 (and future fix packs)

# Supported Operating Systems for FlexNet Manager for Engineering Applications Configurations

FlexNet Manager for Engineering Applications 15.5 is compatible with the following operating systems, depending on the FlexNet Manager for Engineering Applications configuration your enterprise deploys. Two FlexNet Manager for Engineering Applications configurations are supported—[FlexNet Manager for Engineering Applications with FlexNet Report Designer 15.5](#) and [FlexNet Manager for Engineering Applications Core Modules Only](#).

FlexNet Manager for Engineering Applications 15.5 and FlexNet Report Designer are not supported for operation with other versions of these operating systems. Consult the appropriate third-party documentation for installation and usage information. Flexera Software assumes that you have an in-depth understanding of your system environment and the operation of these operating systems prior to installing FlexNet Manager for Engineering Applications 15.5 and/or FlexNet Report Designer.

See the section, [Supported Databases](#), for a list of the databases supported for use with both FlexNet Manager for Engineering Applications 15.5 and FlexNet Report Designer.

## FlexNet Manager for Engineering Applications with FlexNet Report Designer 15.5

This configuration includes the core FlexNet Manager for Engineering Applications components (Admin and Reporting), as well as FlexNet Report Designer, which is powered by Cognos. The supported operating systems for this configuration depend on whether you are installing FlexNet Report Designer 15.5 to the same machine as the FlexNet Manager for Engineering Applications components.

- **Installing to a single server**—If you are installing all components to the same machine, FlexNet Manager for Engineering Applications with FlexNet Report Designer 15.5 is supported for installation only on specified versions of Microsoft Windows. See the following section, [Supported Microsoft Windows Versions for FlexNet Report Designer 15.5](#).
- **Installing to separate servers**—If you are installing FlexNet Report Designer 15.5 to a separate machine, you can install the FlexNet Manager for Engineering Applications components (Admin and Reporting) to a machine running any of the supported operating systems listed in the section, [Supported Operating Systems for FlexNet Manager for Engineering Applications Components \(Admin and Reporting\)](#). You must install FlexNet Report Designer 15.5 to a system running one of the supported Microsoft Windows versions. See the following section, [Supported Microsoft Windows Versions for FlexNet Report Designer 15.5](#).

### Supported Microsoft Windows Versions for FlexNet Report Designer 15.5

FlexNet Report Designer 15.5 is supported for use with the following versions of Microsoft Windows:

- Windows server 2008 R2 Enterprise SP1
- Windows server 2008 Enterprise SP2
- Windows server 2012 R2 (Standard and Datacenter editions)
- Windows server 2012 (Standard and Datacenter editions)

### FlexNet Manager for Engineering Applications Core Modules Only

This configuration includes only the core FlexNet Manager for Engineering Applications modules—FlexNet Manager for Engineering Applications Admin and FlexNet Manager for Engineering Applications Reporting. It does *not* include FlexNet Report Designer.

# Supported Operating Systems for FlexNet Manager for Engineering Applications Components (Admin and Reporting)

When deploying only the FlexNet Manager for Engineering Applications core modules, without Report Designer, the supported operating systems are [Microsoft Windows](#), [Red Hat Enterprise Linux](#), and [Sun Solaris](#).

## Microsoft Windows

- Microsoft Windows Server 2012 (Standard, Enterprise, Web, Datacenter Editions)
- Microsoft Windows Server 2008 R2 (Standard, Enterprise, Web, Datacenter Editions)
- Microsoft Windows Server 2008 SP2 (Standard, Enterprise, Web, Datacenter Editions)
- Microsoft Windows Server 2008 (Standard, Enterprise, Web, Datacenter Editions)
- Microsoft Windows 7
- Microsoft Windows XP Professional SP3

## Red Hat Enterprise Linux (RHEL)

- Red Hat Enterprise Linux 6.x (x86, x86\_64) (with required patches)
- Red Hat Enterprise Linux 5.x (x86, x86\_64) (with required patches)

## Sun Solaris

- Sun Solaris 10 SPARC

## Supported Databases

FlexNet Manager for Engineering Applications 15.5 and FlexNet Report Designer both require database servers to operate. The following databases and versions are supported for use with the FlexNet Manager for Engineering Applications components (Admin and Reporting) and with FlexNet Report Designer.

FlexNet Manager for Engineering Applications 15.5 and FlexNet Report Designer are not supported for operation with other versions of these databases. Consult the appropriate third-party documentation for installation and usage information. Flexera Software assumes that you have an in-depth understanding of your system environment and the operation of these databases prior to installing FlexNet Manager for Engineering Applications 15.5 and/or FlexNet Report Designer.

If your enterprise plans to use database partitioning and data compression, note the database versions that are required to support partitioning.

## Microsoft SQL Server

### ***Supported Versions for Use Without Partitioning and Data Compression***

- Microsoft SQL Server 2012, Standard and Enterprise Editions
- Microsoft SQL Server 2008 R2, Standard and Enterprise Editions

- Microsoft SQL Server 2008, Standard and Enterprise Editions

### **Supported Versions for Use With Partitioning and Data Compression**

- Microsoft SQL Server 2012 Enterprise Edition
- Microsoft SQL Server 2008 Enterprise Edition

## **Oracle**

The use of database partitioning and data compression is supported by both Oracle 10g and Oracle 11g R2.



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**Important** • It is strongly recommended that you check with your enterprise's IT department to determine whether use of these database features will result in an additional cost.

- Oracle 11g Release 2—For FlexNet Report Designer, the Oracle 11g Release 2 client is required on the machine where FlexNet Report Designer is installed.
- Oracle 10g Release 2—For FlexNet Report Designer, the Oracle 10g Release 2 client is required on the machine where FlexNet Report Designer is installed.

## **Virtualization Support**

FlexNet Manager for Engineering Applications is supported for use with Microsoft HyperV and VMware virtualization technologies. Consult your vendor's website to confirm that the operating system compatibility corresponds with the supported operating systems for FlexNet Manager for Engineering Applications.

See the section, [Supported Operating Systems for FlexNet Manager for Engineering Applications Configurations](#), for information.

## **Supported FlexNet Publisher License Servers**

FlexNet Manager for Engineering Applications 15.5 supports the following FlexNet Publisher license servers:

- FlexNet Publisher 11.0 through FlexNet Publisher 11.10.1
- FlexNet Publisher 10.0 through FlexNet Publisher 10.8.10
- FlexNet Publisher 9.x
- FlexNet Publisher 8.x

## **Supported FlexNet Agents**

FlexNet Manager for Engineering Applications 15.5 is supported for use with the following FlexNet Agent versions:

- FlexNet Agent 5.2 and later



- FlexNet Agent 4.x

## Known Issues

For every FlexNet Manager for Engineering Applications release, Flexera Software provides a Knowledge Base article that lists the known issues. To see the list, sign in to Flexera Software's Customer Support website: <http://flexerasoftware.force.com> with your support user name and password, and then [click here](#) to view the Known Issues article.