



FLEXERA SOFTWARE™

# FlexNet Manager® Suite for Enterprises

## FlexNet Manager Suite 2014

### Release Notes

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# Introduction

FlexNet Manager Suite provides software asset, hardware asset, and contract management for enterprises across 14,000 publishers and 120,000 applications. Reports detail installed software, application usage, and purchase versus installed license reconciliation. It inventories virtual environments and Oracle databases, imports Microsoft SCCM inventory, and seamlessly integrates with ERP, HR, and purchase order (PO) systems. With its built-in 600,000 SKU library for automated PO to inventory reconciliation and support for the latest license models, FlexNet Manager Platform is the foundation of the FlexNet Manager Suite for Enterprises used by hundreds of enterprises to gain control of and optimize spend across their software estate.

These release notes contain information about FlexNet Manager Suite, covering:

- FlexNet Manager for SAP Applications
- FlexNet Manager for Microsoft
- FlexNet Manager for Adobe
- FlexNet Manager for Symantec
- FlexNet Manager for IBM
- FlexNet Manager for Oracle

The following products in the suite have their own separate release notes:

- FlexNet Manager for Engineering Applications
- Workflow Manager

## Inventory Manager no longer separate

In this release, Inventory Manager is no longer a separate installer, but is seamlessly integrated into FlexNet Manager Platform. The default configuration has a single processing server and a single operations database that include all capabilities in FlexNet Manager Platform, including inventory.

For large scale implementations, the inventory aspects of the database can be installed on a separate server, and the inventory processing engine can be installed on a separate server.

## New Features

FlexNet Manager Suite 2014 includes the following new features:

- [Web user interface](#)
- [Recommended license updates](#)

FlexNet Manager for SAP Applications 2014 includes the following new features:

- [SAP Indirect Access](#)
- [SAP License Ratios](#)
- [Cognos Business Reporting SAP Extensions](#)
- [Offline SAP System Improvements](#)

## Web user interface

The user interface in FlexNet Manager Suite 2014 has been redesigned. It is a web-based user interface, making it easier for operators to access the interface from any system without needing to install a remote console. Usability and look & feel have also been improved as part of the redesign.

In FlexNet Manager Suite 2014, the legacy MMC user interface is still shipped. This is because there are certain advanced functions that are not yet available in the web user interface, and still need the MMC to perform. These functions are:

- Payment schedules
- Document management
- Evidence and local application management
- License group assignment
- License keys
- Asset change tracking
- Non-default point rules sets
- User blacklist
- Some legacy reports
- Some configuration items
- Vendor contacts
- Contract wizard

## Recommended license updates

FlexNet Manager Suite 2014 automatically tracks differences between existing licenses and content from the SKU and PURL libraries. Operators can decide whether to discard or apply these changes to their licenses.

## SAP Indirect Access

FlexNet Manager for SAP Applications 2014 helps organizations to discover non-SAP systems that are communicating with SAP systems and whose users have SAP named user license requirements. The license consumption of these systems can be analysed and optimized, including identifying users who access SAP functionality both directly and indirectly and whose non-SAP user accounts therefore should not consume additional licenses. SAP features

## SAP License Ratios

Some SAP contracts stipulate a minimum ratio of Professional to Limited Professional named user licenses. FlexNet Manager for SAP Applications 2014 factors this condition into its license calculations, ensuring that the optimal license position it produces is compliant with SAP's contractual requirement. Understanding the financial impact of the license ratio clause is also provided, to support future SAP contractual negotiations.

## Cognos Business Reporting SAP Extensions

FlexNet Manager for SAP Applications 2014 extends the FlexNet Manager Platform business reporting model to include SAP-specific objects such as SAP systems and user accounts. This enables new custom business reports to be produced, for example a breakdown of SAP license consumption or raw usage data per business unit or cost center.

## Offline SAP System Improvements

FlexNet Manager for SAP Applications 2014 provides improved support for SAP systems that are not directly contactable from the Admin Module system. This includes the ability to schedule and run package (aka engine) measurements and to process recommended user license assignments on these systems.

## License Agreement

If your company has purchased a license and signed a software license agreement with Flexera Software or an authorized Flexera Software reseller, the terms and conditions of that agreement govern all use of this software. Otherwise, use of this software, on either an evaluation or a fully-paid license basis, is subject to the terms and conditions of the FlexNet Manager “click-through” End User License Agreement, which can be found in the downloaded installation package.

If you do not agree with the terms of the applicable software license agreement, you may not install onto any of your computers or, if already installed, you must remove from all computers on which it is installed. You must also return or destroy all copies of the software in your possession.

## Installation and Upgrade Procedures

Please contact the Flexera Software consulting services team through your account manager for assistance installing or upgrading FlexNet Manager Suite 2014.

FlexNet Manager Suite 2014 does not support hosted multi-tenant implementations.

## License compatibility

You can download licenses from the [Product and License Center](#). If you do not have a compatible license added then please contact your account manager or support who can request that it be added to your account.

## Resolved Issues

The following issues were resolved in the FlexNet Manager Suite 2014 release compared to version 9.2. Note that some issues are resolved only in the new web user interface, and not in the MMC.

Issue Number	Description
56498	Access to ECM portal requires right to list software licenses

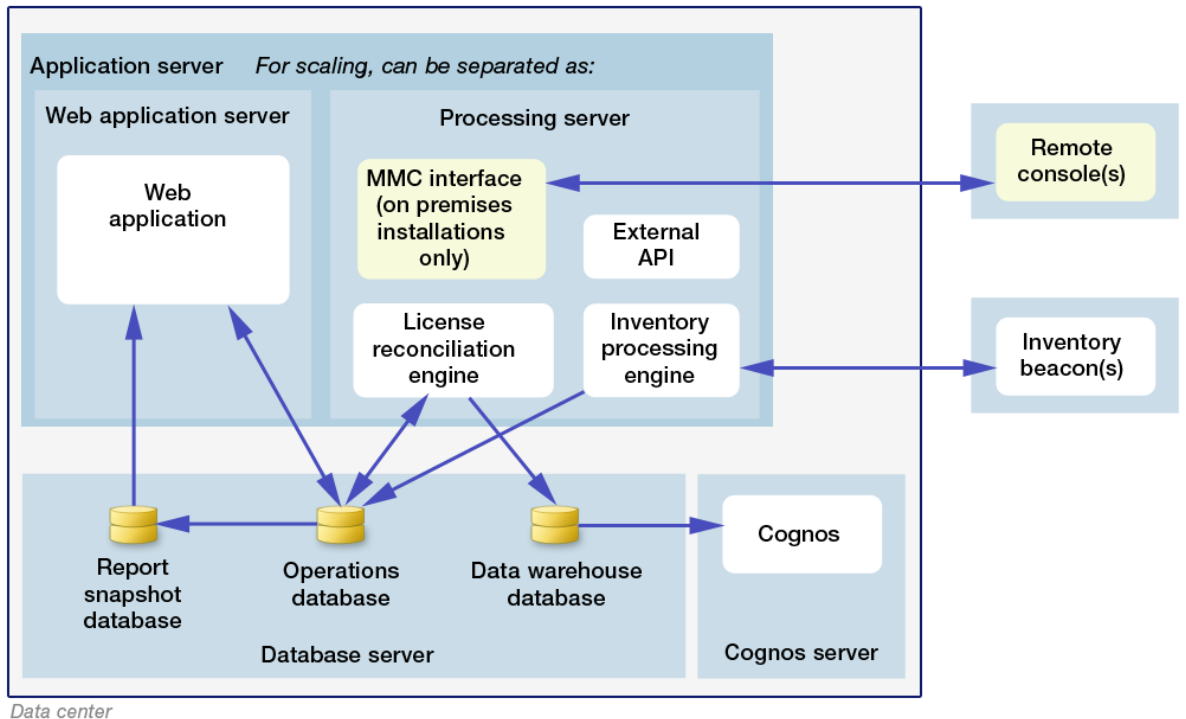
<b>Issue Number</b>	<b>Description</b>
58974	Inconsistent usage Counts in ECM console vs ECM portal
70767	Filter match count in Link Purchase Orders always shows 0
72145	Custom view - Advanced sort is not applied in the web portal
73147	Be able to change asset type after the asset is created
73369	Bad columns included in custom view created by somebody else
73379	Web reports - ordering issue
73437	"Discarded" computer with newer inventory than "New" computer
73455	Error occurs when try to export data from custom view
74599	Increase window size for comments/detail entry
74644	Allow to type in the date rather than select from calendar
74645	performance of exporting data from custom views using the web interface
75873	RemoteExecution alerts in event log if interactive services disabled
76322	Problem when adding custom property to a dialog
77082	Operators under Roles node jumps to random location
77126	"Blanks" or "Non blanks" filter option has no effect on Asset Linked
77300	Oracle audit information may be missing hardware inventory
77388	Value separators in Portal Custom View display incorrectly
78559	Count allocations as always installed on PVU license default to 1 point
78730	Oracle Audit Evidence export does not include non DM hardware inventory
78959	Contract is created with both expiry date and never expires set
79045	"Compliance Admins" role should not be allowed to be removed
79288	Filtering section of custom view missing in Bootcamp on retina display
79386	PO line does not disappear after manually linking a license
79409	Compliance import may time out during file evidence import
79477	AddSoftwareTitlePropertyAdvanced call may fail with constraint violation
79499	Link Purchase Order Lines to Licenses may suffer poor performance
79525	Failed to convert empty string to decimal when resolving SAP cputime
79526	SAP aggregated consumption data needs case insensitive aggregation
79527	Error "Arithmetic Overflow" when SAPReader collecting consumption data
79551	AddAssetPropertyAdvanced doesnt configure property for newly added Asset
79557	Cannot access Application node unless given List software licenses right
79558	Add list of Contracts on a Vendor
79598	Add*PropertyAdvanced don't update existing custom view column definitio
79607	Importer may fail deleting missing users that were allocated to licenses
79613	Dell BIOS UUID serial numbers may be missing from ESX inventory
79621	Points rule chosen for reconcile can be incorrect when socket count is 0
79641	DoNotBlank update rule ignored by MGSBI for asset EndOfLifeReason proper
79648	Marimba adapter may produce unstable file evidence recognition
79651	Integrated Windows Auth error in VMware Inventory
79654	Invocation of plink for zero touch inventory is not obeying timeout
79658	MGSBI truncates enterprise group depth to 255 characters
79668	Altiris import may fail running InsertIntoImportedFileEvidence

Issue Number	Description
79671	License Reconcile may fail if a VM is also marked as a Host
79675	Altiris import may fail when ProcessorType > 64 characters
79679	Import may fail with PK_ReconcileInstalledSoftwareData error
79681	Altiris import may fail in UpdateExternalIDMappings step
79685	License reconcile may timeout processing permanent allocations
79689	Reconcile may fail with: The given key was not present in the dictionary
79698	DB migration to 9.0 may fail if ImportedComputer has custom properties
79701	View which computers a user has accessed that consumes a user based lic
79703	Enhancement-Requesting to have PO Line Publisher added to column chooser
79705	Import may fail with truncation error in WriteFileEvidence
79707	Incorrect access modes for application suites
79715	DBMaintenance script times out on a large database
79716	The DBMaintenance.vbs script on x64 platforms does nothing but fail
79718	Import may fail with NullReferenceException in EntitlementAutomation
79719	File evidence import does not include .swtag & .cmptag files
79723	Duplicate PO lines may be displayed
79731	International chars in Enterprise Groups corrupted in FNMPDataWarehouse
79732	Altiris import may fail to execute Reader 'CleanNetworkCards'
79736	ILMT import may fail with a truncation error
79737	Reconcile may fail with ArgumentOutOfRangeException with simulations
79738	Supporting CommonAppDataFolder override in the ndtrack.sh command line
79739	The parameter not set error on some HP-UX systems

## System Requirements

The system requirements are based on implementations in the range of 10,000 to 200,000 devices. For larger implementations, please contact the Flexera Software consulting services team through your account manager for assistance in the implementation design.

The following diagram shows the structure of a typical implementation:



For implementations up to 100,000 devices, it is typical to have a single application server. For implementations larger than 100,000 devices that are leveraging Flexera Software’s native inventory technology, consider splitting the application server into two: a web application server and a processing server.

See the Knowledge Base article [FlexNet Manager for SAP Applications sizing guidelines](#) for information on sizing an implementation that uses only SAP-related functionality.

## Hardware requirements

### Application server

- **Processors:** 4 cores, with up to 8 cores if more than 100 operators
- **Memory:** 8GB
- **System drive:** 40GB

### Database server

- **Processors:** 4 cores per 100 operators
- **Memory:** 8GB, with an additional 2GB per 10,000 devices over 50,000 devices
- **System drive:** 40GB
- **Data drives:** (typical figures based on “simple” database recovery model)
  - **Operations database data:** 4GB per 10,000 devices
  - **Operations database logs:** 20GB per 10,000 devices
  - **Report snapshot database data:** 5GB per 10,000 devices
  - **Report snapshot database logs:** 5GB per 10,000 devices
  - **Data warehouse database data:** 3GB per 10,000 devices
  - **Data warehouse database logs:** 1GB per 10,000 devices
  - **tempdb data:** 5GB per 10,000 devices
  - **tempdb logs:** 0.5GB per 10,000 devices

- **Total:** 43.5GB per 10,000 devices

### Remote console

- **Minimum memory:** 1GB
- **Recommended memory:** 2GB or higher
- **Minimum disk space:** 10MB

### Inventory beacon

- **Minimum memory:** 1GB
- **Recommended memory:** 2GB or higher
- **Minimum free disk space:** 1GB per 10,000 devices

### Managed device

- **Minimum memory:** 512MB
- **Recommended memory:** 1GB or higher
- **Minimum free disk space:** 25MB

## Pre-requisite software

The table below describes the supported operating systems and software pre-requisites of FlexNet Manager Suite 2014 at the time of release. Please refer to Knowledge Base article [Supported Configurations for FlexNet Manager Suite 2014](#) for the latest configuration information about this release, which may be more recent than the information below.

Component	Operating system	Pre-requisite software
<b>Application server</b>	<ul style="list-style-type: none"> <li>• Windows Server 2012 *</li> <li>• Windows Server 2008 R2 x64 *</li> <li>• Windows Server 2008 SP1-SP2 *</li> <li>• Windows Server 2008 x64 SP1-SP2 *</li> </ul>	<ul style="list-style-type: none"> <li>• .NET Framework 4.0</li> <li>• Internet Explorer 8.0 to 10.0</li> <li>• Microsoft Internet Information Services 7.0 to 8.0</li> <li>• SQL Server 2008/2012 features: Client Tools Connectivity, Management Tools</li> </ul>
<b>Database server</b>	<ul style="list-style-type: none"> <li>• Windows Server 2012</li> <li>• Windows Server 2008 R2 x64</li> <li>• Windows Server 2008 SP1-SP2</li> <li>• Windows Server 2008 x64 SP1-SP2</li> <li>• Windows Server 2003 R2</li> <li>• Windows Server 2003 R2 x64</li> <li>• Windows Server 2003 SP2</li> <li>• Windows Server 2003 x64 SP2</li> </ul>	<ul style="list-style-type: none"> <li>• SQL Server 2008 with Reporting Services and Full-Text Search</li> <li>• SQL Server 2008 SP1 with Reporting Services and Full-Text Search</li> <li>• SQL Server 2008 R2 with Reporting Services and Full-Text Search</li> <li>• SQL Server 2012 with Reporting Services and Full-Text Search</li> <li>• .NET Framework 4.0</li> <li>• Microsoft Office 2010 Filter Pack</li> <li>• Adobe PDF IFilter 6.0 (32-bit)</li> <li>• Adobe PDF IFilter 9.0 (64-bit)</li> </ul>
<b>Admin module transport for FlexNet</b>	<ul style="list-style-type: none"> <li>• SAP Basis release between 7.0 and 7.4</li> </ul>	<ul style="list-style-type: none"> <li>• The SAP GUI matching the SAP release must be installed</li> <li>• ActiveX must be installed</li> </ul>



Component	Operating system	Pre-requisite software
<b>Manager for SAP Applications</b>		
<b>Satellite transport for FlexNet Manager for SAP Applications</b>	<ul style="list-style-type: none"> <li>• SAP Basis release between 4.6C and 7.4</li> </ul>	
<b>Remote console</b>	<ul style="list-style-type: none"> <li>• Windows Server 2012</li> <li>• Windows Server 2008 R2 x64</li> <li>• Windows Server 2008 SP1-SP2</li> <li>• Windows Server 2008 x64 SP1-SP2</li> <li>• Windows Server 2003 R2</li> <li>• Windows Server 2003 R2 x64</li> <li>• Windows Server 2003 SP2</li> <li>• Windows Server 2003 x64 SP2</li> <li>• Windows XP Professional</li> <li>• Windows XP Professional x64</li> <li>• Windows Vista</li> <li>• Windows Vista x64</li> <li>• Windows 7</li> <li>• Windows 7 x64</li> <li>• Windows 8</li> <li>• Windows 8 x64</li> </ul>	<ul style="list-style-type: none"> <li>• .NET Framework 4.0</li> <li>• Internet Explorer 8.0 to 10.0 (FlexNet Report Designer reports do not support IE10)</li> </ul>
<b>Web browser</b>	<ul style="list-style-type: none"> <li>• Internet Explorer 8.0 to 10.0 (FlexNet Report Designer reports do not support IE10)</li> <li>• Firefox 21 and above</li> <li>• Chrome 26 and above</li> <li>• Safari 5, 6</li> </ul>	
<b>Managed device</b>	<ul style="list-style-type: none"> <li>• Windows Server 2012</li> <li>• Windows Server 2008 R2 x64 Server Core</li> <li>• Windows Server 2008 R2 x64</li> <li>• Windows Server 2008 Server Core</li> <li>• Windows Server 2008 Server Core</li> <li>• Windows Server 2008 x64 Server Core</li> <li>• Windows Server 2008 x64</li> <li>• Windows Server 2003 R2</li> <li>• Windows Server 2003 R2 x64</li> <li>• Windows Server 2003</li> <li>• Windows Server 2003 x64</li> <li>• Windows XP Professional</li> <li>• Windows XP Professional x64</li> <li>• Windows XP Home</li> <li>• Windows Vista</li> <li>• Windows Vista x64</li> </ul>	<ul style="list-style-type: none"> <li>• Internet Explorer 8.0 to 10.0 (Windows platforms only)</li> </ul>

Component	Operating system	Pre-requisite software
	<ul style="list-style-type: none"> <li>• Windows 7</li> <li>• Windows 7 x64</li> <li>• Windows 8</li> <li>• Windows 8 x64</li> <li>• RedHat Linux 8 and 9</li> <li>• RedHat Enterprise Linux 3, 4, 5, 6</li> <li>• CentOS 4, 5, 6</li> <li>• Fedora 6 – 11</li> <li>• Oracle Linux 4.5 – 6.4</li> <li>• SuSE Professional/OpenSuSE 9, 10, 11, 12</li> <li>• SuSE Enterprise Server (SLES) 9, 10, 11</li> <li>• Solaris 9, 10, 11 (Intel)</li> <li>• Solaris 8, 9, 10, 11 (SPARC)</li> <li>• Mac OS X 10.3, 10.4, 10.5, 10.6, 10.7, 10.8</li> <li>• AIX 5.2, 5.3, 6.1, 7.1</li> <li>• HP-UX 11.00, 11i, 11i v2, 11i v3</li> </ul>	
<b>Virtualization inventory</b>	<ul style="list-style-type: none"> <li>• VMware vCenter 2.0 – 5.0</li> <li>• VMware ESX Server 3.0 – 5.0</li> <li>• VMware ESXi Server 3.5 – 5.0 ***</li> <li>• VMware vSphere 4.0 – 5.0</li> <li>• Windows Server 2012 Hyper-V</li> <li>• Windows Server 2008 R2 x64 Server Core</li> <li>• Windows Server 2008 R2 x64</li> <li>• Windows Server 2008 x64 Server Core</li> <li>• Windows Server 2008 x64</li> </ul>	
<b>Inventory beacon</b>	<ul style="list-style-type: none"> <li>• Windows Server 2012</li> <li>• Windows Server 2008 R2 x64</li> <li>• Windows Server 2008</li> <li>• Windows Server 2008 x64</li> <li>• Windows Server 2003 R2</li> <li>• Windows Server 2003 R2 x64</li> <li>• Windows Server 2003</li> <li>• Windows Server 2003 x64</li> <li>• Windows XP Professional</li> <li>• Windows XP Professional x64</li> <li>• Windows Vista</li> <li>• Windows Vista x64</li> <li>• Windows 7</li> <li>• Windows 7 x64</li> <li>• Windows 8</li> <li>• Windows 8 x64</li> </ul>	<ul style="list-style-type: none"> <li>• .NET Framework 4.0</li> <li>• Internet Explorer 8.0 to 10.0</li> <li>• Oracle OLE DB Provider (32 bit), version 10.2.0.3 or later (for Oracle database inventory)</li> </ul>

\* Requires the **Windows Authentication Security** role to be installed for IIS

\*\* Requires IIS to run in 32 bit mode

\*\*\* As of ESXi 3.5 Update 4 remote inventory is not possible on the free license versions of ESXi

## Compatibility with other products

This section describes the compatibility of FlexNet Manager Suite 2014 with other Flexera Software products at the time of release. Please refer to knowledge base article [Supported Configurations for FlexNet Manager Suite 2014](#) for the latest configuration information about this release, which may be more recent than the information below.

### Installation on the same server

The following table lists the supported versions of components that can be installed on the same server as a FlexNet Manager Suite 2014 application server.

Component	Version that can be installed on the same server as FlexNet Manager Suite 2014
Flexera inventory agent	2014

The following table lists the supported versions of components that can be installed on the same computer as a FlexNet Manager Suite 2014 remote console.

Component	Version that can be installed on the same computer as a FlexNet Manager Suite 2014 remote console
Flexera inventory agent	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014

### Integration with other products

FlexNet Manager Suite can import data from a number of other products / components. The following table defines their supported versions:

Product / component	Versions that can be imported from
Deployment Manager / Flexera Inventory Manager	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014
Microsoft SMS/SCCM	2003, 2007, 2012
ILMT	7.2, 7.5
Microsoft Exchange ActiveSync	2007, 2010, 2013
Symantec Altiris	6.5, 7.1
BMC Atrium Discovery and Dependency Mapping (ADDM)	8.3, 9.0
HP Discovery and Dependency Mapping Inventory (DDMI)	9.10, 9.30

Product / component	Versions that can be imported from
BladeLogic Client Automation (Marimba)	8.2
Tivoli End Point Manager (BigFix)	8.2
FlexNet Manager for Engineering Applications	14, 15.1, 15.2, 15.3, 15.4
FlexNet Manager for SAP Applications	5.6, 5.7, 9.0, 2014
Citrix XenApp Server	6.0, 6.5
Citrix XenApp EdgeSight	5.4
Citrix XenDesktop	5.6
Oracle Database	8i, 9i, 10g, 11g, 11g Release 2

## Inventory components

The following table lists the versions of inventory beacons and managed devices that can be managed by FlexNet Manager Suite 2014.

Component	Compatible versions
Inventory beacon	2014
Managed devices (Windows)	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014
Managed devices (Linux)	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014
Managed devices (Solaris)	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014
Managed devices (Mac OS X)	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014
Managed devices (AIX)	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014
Managed devices (HP-UX)	8.4, 8.5, 8.6, 9.0, 9.1, 9.2, 2014

## FlexNet Report Designer compatibility

The following version of FlexNet Report Designer is compatible with FlexNet Manager Suite 2014.

Component	Compatible versions
FlexNet Report Designer	15.3

# Known Issues

A list of known issues for the FlexNet Manager Suite 2014 release is available from the Flexera Software support site. Please refer to Knowledge Base article [Known Issues for FlexNet Manager Suite 2014](#) for details.

# Other Resources and Links

## Documentation

Documentation for FlexNet Manager Suite 2014 is provided as online help. From the web user interface, click the question mark icon to launch the help.

Existing FlexNet Manager Suite 9.2 documentation is also shipped with this release in PDF form, branded as version 9.2. The legacy documentation is still shipped because the legacy MMC console is still available. This documentation will be removed in future when the MMC console is fully retired. The PDF files are available from the [Product and License Center](#).

## Other links

Item	Description	Link
<b>Flexera Software website</b>	Information about Flexera Software	<a href="http://www.flexerasoftware.com">http://www.flexerasoftware.com</a>
<b>Support</b>	Support website, including the knowledge base	<a href="http://flexerasoftware.force.com/">http://flexerasoftware.force.com/</a>
<b>Product download</b>	Flexera Software Product and License Center	<a href="https://flexerasoftware.flexnetoperations.com/">https://flexerasoftware.flexnetoperations.com/</a>