

# FlexNet Manager for Engineering Applications Foundation Edition

Improve engineering and design professionals' productivity and minimize software spend with insight into application trends and license server management

## Benefits to your organization:

- Manage spending on expensive technical applications
- Report usage data for better forecasting and vendor negotiation
- Simplify and centralize license server administration
- Improve engineering and design professionals' productivity

## Engineering, technical and industrial applications

– including Electronic Design Automation (EDA), Geographic Information Systems (GIS), Exploration & Production (E&P), Product Lifecycle Management (PLM), and Software Development – are expensive and are used by highly skilled and highly paid engineering and design professionals.

These applications – used by manufacturing, engineering, energy, technology, and financial companies, as well as by governments – typically use concurrent licensing methods in which a fixed number of licenses for a software application are shared among a larger number of users.

Concurrently licensed software uses a license server that dynamically allocates a software license, if available, when a user starts the application. Concurrent licensing tools, including Flexera's FlexNet Publisher® (formerly FLEXlm®), IBM® LUM, Altair LM-X, Reprise LM, Sentinel LM, and Dassault DSLS "check out" a license when the software is used on any given machine. When a user stops using the concurrently licensed software, the license is "checked in" to be reused. License servers meter the number of simultaneous software users and will deny access to additional users when all the licenses are in use.

Concurrent licensing, when used properly, can reduce software expenditures, as an enterprise only needs to pay for the amount of users they expect at any one time, and not for every user that may access the software. But concurrent licensing, when not managed properly, carries with it significant risks and challenges:

- **Lost productivity** – Not having an available concurrent software license when needed—a "denial of service", will result in costly downtime and loss of productivity for engineering and design professional staff, which could lead to project delays
- **High administrative overhead** – The use of multiple engineering technical and industrial applications and geographically distributed teams often requires the administration of several license servers, which can consume significant time and effort if the right license management tools are not in place
- **Unnecessary spending** – The purchase of more software licenses than needed to avoid denials of service to skilled personnel
- **Budgeting challenges** – No ability to forecast an appropriate number of licenses to be purchased at contract renewal
- **Lack of decision support information** – The difficulty in tracking and reporting on actual software license usage across multiple licensing systems, license agreements, teams and geographic locations
- **Inaccurate project costing** – Software licensing can significantly contribute to overall project expenses. Without accurate tracking, organizations cannot accurately estimate current and future project costs
- **Inefficient use of licenses** – Many organizations struggle with shelf-ware, especially without the ability to charge consuming organizations for cost of concurrent licenses

## FlexNet Manager® for Engineering Applications Foundation Edition

FlexNet Manager for Engineering Applications Foundation Edition helps improve engineering and design professionals' productivity, optimize software spend, accurately forecast future software needs, and negotiate vendor contracts.

FlexNet Manager for Engineering Applications Foundation Edition tracks license usage and simplifies and centralizes license server administration for thousands of FlexEnabled® (FlexNet Publisher, FLEXlm) and other concurrently licensed applications, including AutoCAD®, MATLAB®, IBM® Rational®, CATIA®, and Petrel. It lets you automatically report on software usage and license denials so you can maximize the value of your software.

### Manage Software Spending

FlexNet Manager for Engineering Applications Foundation Edition allows organizations to track and report on actual software license usage for FlexEnabled applications, DSLS/LUM applications, and other third party licensing systems such as Sentinel LM and Altair LM-X.

Too often, other tools and methods provide reports that are limited to specific license server vendors. In addition, they lack an overall view across the enterprise and offer little insight into comprehensive usage trends. It's almost impossible to make the right licensing decisions for your environment if you don't have any visibility into how much software you really need and are really using.

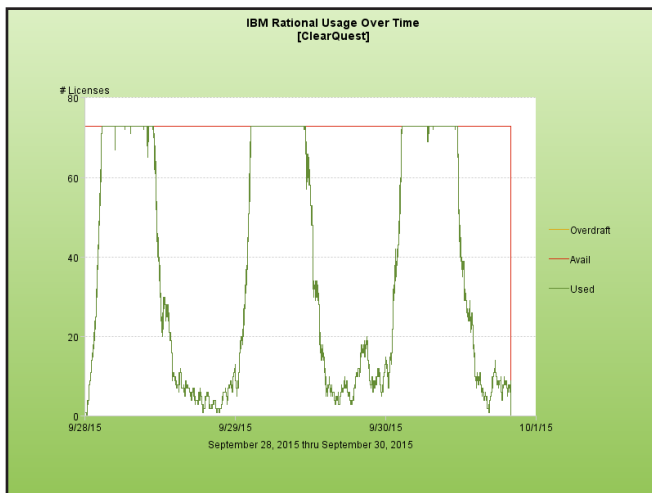


Figure 1: Software Usage Report

With the usage reports provided by FlexNet Manager for Engineering Applications Foundation Edition, organizations now have a complete understanding of their actual licensing needs, and can save money by identifying underutilized licenses and by determining which annual support plans no longer need to be renewed.

FlexNet Manager for Engineering Applications Foundation Edition allows organizations to:

- More accurately plan and budget for future software needs
- Determine the proper number of licenses needed on an ongoing basis
- Identify and analyze usage trends, patterns, denials, and anomalies to improve and tune license performance and usage

### Centralized Enterprise Reporting

Due to the number of license server technologies on the market, companies that use engineering software often must spend an enormous amount of time and effort to understand how their expensive applications are being used. Without a consistent enterprise view, these companies may see only the individual application usage, without an organizational view that provides business insights.

FlexNet Manager for Engineering Applications Foundation Edition enables enterprises to leverage data from Dassault DSLS, Sentinel LM, Reprise LM, and other 3rd party license server technologies to provide a comprehensive enterprise-wide view of engineering and technical application usage.

Summary For ClearQuest													
user	Max Avail	Hrs Avail	Requests	Used	Queued	Denied	Unsupp	%Denied	Max	Hours	%Used		
ALL	73	20250.0000	12731	12670	0	55	0	0.43%	73	10014317	95.01%		
USER_NAME_1696	73	20250.0000	595	595	0	0	0	0.00%	11	4055060	1.66%		
USER_NAME_1690	73	20250.0000	595	595	0	0	0	0.00%	15	4833026	1.64%		
USER_NAME_2056	73	20250.0000	477	477	0	0	0	0.00%	10	3362717	1.20%		
USER_NAME_2055	73	20250.0000	371	371	0	0	0	0.00%	8	2873522	1.10%		
USER_NAME_2068	73	20250.0000	498	498	0	0	0	0.00%	12	4264788	1.63%		
USER_NAME_2059	73	20250.0000	567	538	0	29	0	5.11%	9	3284158	1.29%		
USER_NAME_2069	73	20250.0000	270	275	0	1	0	0.30%	12	2423450	0.92%		
USER_NAME_2060	73	20250.0000	642	642	0	0	0	0.00%	15	5183214	1.97%		
USER_NAME_2733	73	20250.0000	544	544	0	0	0	0.00%	14	4267775	1.66%		
USER_NAME_2736	73	20250.0000	843	821	0	22	0	2.61%	10	4137642	1.57%		
USER_NAME_2738	73	20250.0000	354	354	0	0	0	0.00%	9	2803681	1.07%		
USER_NAME_2747	73	20250.0000	269	269	0	0	0	0.00%	7	2183464	0.82%		
USER_NAME_2749	73	20250.0000	994	994	0	0	0	0.00%	11	3243006	1.23%		
USER_NAME_2756	73	20250.0000	332	332	0	0	0	0.00%	10	2874475	1.13%		
USER_NAME_2781	73	20250.0000	431	430	0	2	0	0.46%	11	3663005	1.39%		
USER_NAME_3103	73	20250.0000	552	552	0	0	0	0.00%	16	4463008	1.70%		
USER_NAME_3330	73	20250.0000	743	743	0	0	0	0.00%	17	6113117	2.33%		
USER_NAME_3348	73	20250.0000	397	397	0	0	0	0.00%	8	2562202	0.97%		
USER_NAME_3376	73	20250.0000	481	481	0	0	0	0.00%	11	3443412	1.31%		
USER_NAME_3377	73	20250.0000	455	455	0	0	0	0.00%	10	3753009	1.43%		
USER_NAME_3374	73	20250.0000	511	511	0	0	0	0.00%	10	3503422	1.32%		
USER_NAME_3065	73	20250.0000	438	438	0	1	0	0.23%	12	3103414	1.16%		

Figure 2: Software Usage Summary Report

### Global License Server Management

FlexNet Manager for Engineering Applications Foundation Edition enables centralized management of license servers. With a single console view, one administrator can manage licenses and license servers across the enterprise. This reduces overhead and helps free up resources for more important tasks.

Administrators can more easily manage over 20,000 applications that utilize FlexNet licensing technology (FlexNet Publisher, FLEXlm). In addition, organizations that rely on CATIA, ENOVIA SmarTeam, or other Dassault or IBM LUM enabled applications can use FlexNet Manager for Engineering Applications Foundation Edition to report on and optimize these licenses as well – all with a single interface and workflow. This provides the ability to capture license information from third party servers, monitor status of these servers and schedule regular log file imports to feed into the FlexNet Manager for Engineering Applications Foundation Edition reporting system.

Administrators can see current license usage and availability, in real time, so they can quickly resolve issues before they impact end users. And they also see the current state of license servers across the organization, including the near real-time status of servers and vendor daemons, the most heavily used application features, the most active vendor daemons, and more.

Global license server management enables organizations to:

- Become more efficient through sharing licenses across the enterprise
- Reduce administrative overhead with automated license management tasks
- Become more proactive, with global alerts of potential licensing problems for faster response
- Efficiently perform license server administration in real time

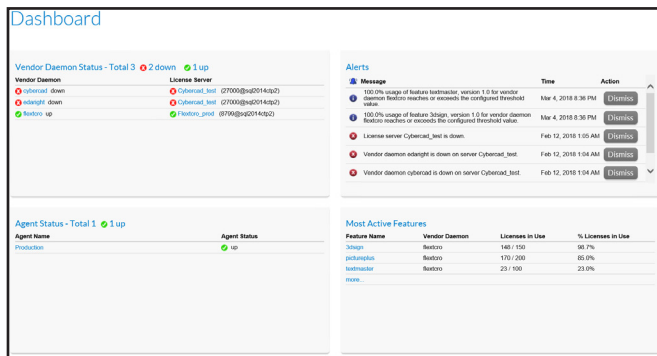


Figure 3: FlexNet Manager for Engineering Applications Dashboard

### Improve Productivity

Engineers and design professionals are highly skilled and highly paid, so any idle time for them can be costly. When a company does not have an available software license at the time an engineer needs access, a company does not just face the loss of productivity. Far more costly can be the impact to a project deadline which could hurt the enterprise's finances and reputation.

Organizations have the ability to:

- See when a user is being denied access to a licensed feature to aid faster resolution and get the engineer back to work
- Understand what features are used the most or least
- View continuous license server status, so downtime issues can be corrected faster

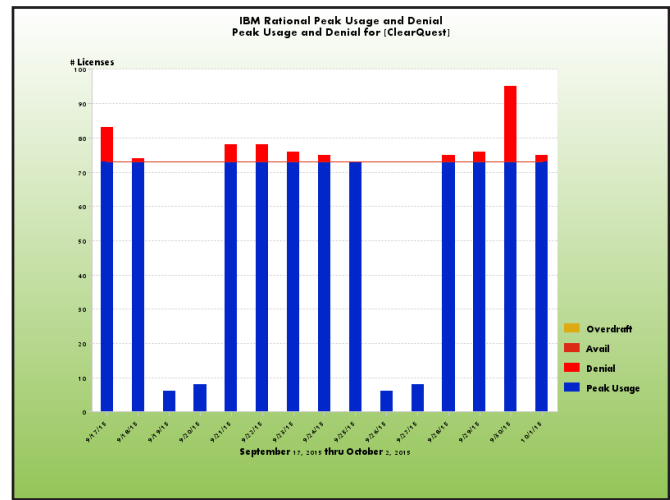


Figure 4: License Peak Usage and Denial Report

### Intelligent Solutions for Managing Enterprise Software

FlexNet Manger for Engineering Applications Foundation Edition is part of **FlexNet Manager Suite for Enterprises** – the Software License Optimization solution that enables organizations to maximize their return on high-value software investments while maintaining continuing compliance. It provides unprecedented insight into software usage trends that align with unique contract terms and can accurately assess current and future needs across the widest range of applications.

## About Flexera

Flexera is reimagining the way software is bought, sold, managed and secured. We view the software industry as a supply chain, and make the business of buying and selling software and technology asset data more profitable, secure, and effective. Our Monetization and Security solutions help software sellers transform their business models, grow recurring revenues and minimize open source risk. Our Vulnerability and Software Asset Management (SAM) solutions strip waste and unpredictability out of procuring software, helping companies buy only the software and cloud services they need, manage what they have, and reduce compliance and security risk. Powering these solutions and the entire software supply chain, Flexera has built the world's largest and most comprehensive repository of market intelligence on technology assets. In business for 30+ years, our 1200+ employees are passionate about helping our 80,000+ customers generate millions in ROI every year. Visit us at [www.flexera.com](http://www.flexera.com)

### Next Step:

Visit [www.flexera.com/fnmea](http://www.flexera.com/fnmea) for more information, or contact a Flexera representative.



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