

Mechanical/Electrical Engineering Tool Management

Managing your expensive CAD/CAE Software License information- Vendors, Contacts, Tools, License Keys, License Servers, daemons, PO's, Expiration dates, License Agreements and costs, across the enterprise. Understanding license utilization and true license denials.

Can you do a better job of managing these expensive company assets?

License Asset Manager™

An Enterprise Class application for consolidating, sharing, and protecting mechanical and electrical engineering software License information across the business-unit, or across the company. A web-based and data base centric tool for tracking Agreements, PO's, Costs, License Servers, Vendor and Contact information; and using that information to effectively manage those License Assets.

❖ Key Benefits-

- ✓ Clarity, control, and confidence for managing engineering software assets
- ✓ Save time and effort looking for critical License, PO, Vendor, Contact, Key, or Cost information
- ✓ PO history and documented 'promises' and 'give-a-ways'
- ✓ Proactively manage Subscription and Maintenance renewals
- ✓ Protect license asset information
- ✓ Reduce License and Maint. costs
- ✓ Reduce time managing licenses
- ✓ Verification and Compliance

❖ Key Features-

- ✓ Fast and easy to use GUI!!!
- ✓ User & password protected
- ✓ Your company logo on every page
- ✓ 7 Tabs: Alerts, Licenses, PO's, Vendors, Tools, Servers, Reports
- ✓ Sort on any Column heading
- ✓ Highly scalable SQL database
- ✓ Email "Expiration Alert" system
- ✓ Hotlink to License Key files, daemons
- ✓ Hotlink to License Agreements
- ✓ Excel import utility (easy to use!)
- ✓ 'Cloning' for renewals
- ✓ FLEXIm license key parser with import utility
- ✓ Numerous License Inventory Reports
- ✓ Vendor information preloaded

1. Consolidate Vendor, Tool, License key, cost, License Server, and charge center information
2. Consolidate Vendor and Reseller Contacts
3. Consolidate License POs and "negotiation history"
4. Preserve and protect license asset data
5. Track all WAN, LAN, Node-locked License types
6. Track Subscriptions, time-based Licenses, Maintenance Contracts, costs, and Renewals
7. Automatic License 'Expiration Alert' system
8. Track latest and approved "Versions"
9. View "License Agreements" on-line
10. Reports by License Types, POs, Locations, Server, Expiration date range, and many more
11. Major CAD/CAE Vendors and Tools data for Mathworks, PTC, AutoDesk, Fluent, Ansys, MSC, Catia, Altair, and others, preloaded.
12. Import Feature, Qty, Expiration, and Version #, Server, Daemon and Port information directly from the FLEX License Key
13. Export data to CSV, Excel, XML
14. Utilization statistics with Usage Metrics option

Description-License Asset Manager (LAM) is a browser-based, web-enabled, database centric, enterprise class application. It manages all license assets for companies as small as 10 people, to as large as multi-site, multinational corporations, and is priced accordingly. It is designed to be scaleable. LAM is for Managers who like clarity, control, and confidence. Clarity in the data they are viewing. Control of the Vendor relationships, and internal license assets, and Confidence in managing those relationships and licenses. All software assets, Perpetual or Subscription (time-based); LAN, WAN, or Node-locked; Temporary, Normal, or Spares; can be easily cataloged and managed using this product.

The LAM database is relational. Controller Logic is responsible for the core application functionality. A daemon monitors the SQL database, preferences, and sends appropriate alerts or report emails. There are different implementation options for Expiratoin Alerts. Apache Tomcat application server is used to host the application. LAM is bundled with MySQL and Tomcat, unless advised otherwise.

Asset Manager sample views

Licenses Tab View (Summary of all Licenses)

Vendor	PO	Quantity	Tool Type	Server	Daemon	Purchase Type	Expiry Date	Amount	Actions
Abacus	Abacus/Standard	2141441	2 NORMAL	cadef1	abqcmd	Perpetual	Jul-2009	\$47,000.00	Edit
Cadence	Allegro Design Editor	134520	10 NORMAL	hws5	cdslmd	Subscription	Jul-07-2009	\$42,250.00	Edit
Cadence	Innovise Enterprise Family	1482330	10 NORMAL	hws5	alterad	Subscription	Jan-09-2009	\$32,450.00	Edit
Cadence	Chameleon	1482330	1 NORMAL	hws5	cdslmd	Perpetual_W/_Maintenance	Mar-10-2008	\$48,000.00	Edit
Cadence	SoC Encounter		1 TEMP	cadef1	mathsoft		Jan-28-2009	\$0.00	Edit
Cadence	NC-Sim	124411	20 NORMAL	banshee	cdslmd	Subscription	Jan-31-2009	\$34,000.00	Edit
Cadence	Xtreme	12445	10 NORMAL	hws5	cdslmd	Subscription	Mar-12-2009	\$132,313.00	Edit
Cadence	Virtuoso NeoCell	31773	2	hws5	cdslmd	Subscription	Apr-03-2009	\$35,000.00	Edit
Cadence	Allegro PCB Router	134520	2 NORMAL	hws5	cdslmd	Subscription	Jul-07-2009	\$32,500.00	Edit
Cadence	Assura RCX	1482330	2 NORMAL			Perpetual	Aug-21-2009	\$42,300.00	Edit
Cadence	NC-VHDL	124411	45 NORMAL	banshee	cdslmd	Subscription	Aug-26-2009	\$120,000.00	Edit
Cadence	Dracula		5 TEMP	hws5	cdslmd		Aug-26-2009	\$0.00	Edit
Cadence	Chameleon		1 TEMP	banshee	cdslmd		Aug-26-2009	\$0.00	Edit
Cadence	Allegro Design Entry HDX	12445	5			Perpetual	Oct-22-9999	\$0.00	Edit
Cadence	Allegro Design Entry HDL	12445	5			Maintenance	Oct-22-2009	\$0.00	Edit
Cadence	NC-Sim	1234149	3 NORMAL	banshee	cdslmd	Subscription	Jan-31-2009	\$34,000.00	Edit
Cadence	Cadence Maintenance		1				Nov-10-2009	\$0.00	Edit
Cadence	Allegro PCB Libraries	134520	10	banshee	cdslmd	Subscription	Nov-18-2009	\$12,000.00	Edit
Cadence	Fire & Ice DV	17445	2 NORMAL	hws5	cdslmd	Perpetual_W/_Maintenance	Jan-27-2010	\$110,000.00	Edit

Your LOGO here

Create custom Views

Export as Excel spreadsheet

IE or Mozilla browsers

Tabs to quickly view relevant information

Sort on any column heading

Extensive use of "hot links"

License Detail View, with Utilization Summary

Summary
 Discipline: PCB layout
 Purchased: Jun 7, 2007
 Purchase Order: 134520

Server & Daemon Details:
 Daemon1: cdslmd
 Server1: hws5 Port: 5280

Feature	Quantity	Version	ExpiryDate	Actions
Allegro_design_expert	1	15.7	Dec 1, 2102	Edit
plotVersa	2	93.04	Dec 1, 2102	Edit
SPECCTRA_HP	1	15.7	Apr 2, 2106	Edit
SPECCTRA_PCB	1	15.7	Mar 24, 2104	Edit
Spectre_Burst_AllegroSI	2	15.7	Jan 21, 2106	Edit

Utilization Statistics:

Feature	Current	Last Week	Last 30 days	Last 90 days			
Name	Usage	Avg	Max	Avg	Max	Avg	Max
Allegro_design_expert	4.0	3.7	4	3.7	4	3.5	4
plotVersa	5.0	4.5	5	4.5	5	4.5	5
SPECCTRA_HP	1.0	1.0	1	1.0	1	1.0	1
SPECCTRA_PCB	2.0	2.0	2	2.0	2	2.0	2
Spectre_Burst_AllegroSI	2.0	1.9	2	2.0	2	2.0	2

License Details

On line Help

Cloning for Renewals or "same License" additions

Track License Server, Daemon, and Port details

Manage Feature/Product mapping detail here

Utilization Summary by feature

License Asset Manager™ Usage Metrics Option

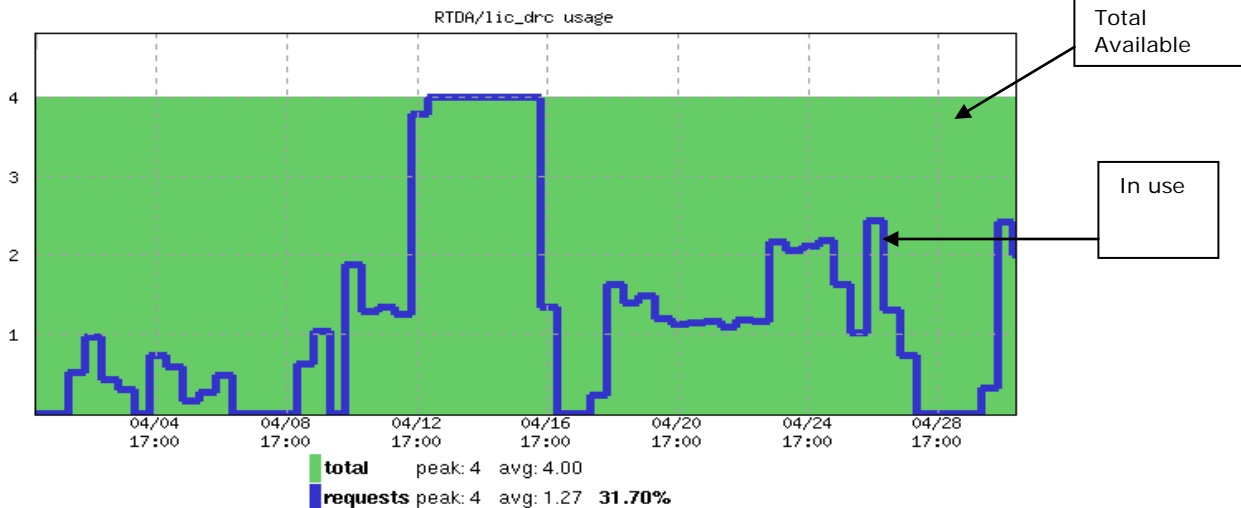
Now available to add even more functionality and value to **LAM** is the **Usage Metrics option (LAM/LM)**, which will provide the following additional capabilities-

- Monitor real-time License Server status
- Monitor real-time License Daemon status
- Monitor real-time "current check-out" of specified licenses
- Provides historical utilization metrics on "Average" and "Max-concurrent" license usage for:
 - Last week, Last month, Last 90-days, Last year, or any time period
 - Graphs for any specified time period
- Track usage by Users, Top Users, and Groups
- Denials by Feature and User



Resource RTDA/lic_drc graph for a period of 30d00h

Sun Apr 01 12:00:00 AM PDT 2007 - Tue May 01 12:00:00 AM PDT 2007



LAMLM enables license tracking at the User or Activity level, across the enterprise from a single web based interface. LAMLM generates reports on current and historical usage of licenses, including peaks, averages, and denials. This information can be used for buying decisions, budgeting or department/project charge-back.

Sample views:

Resources Statistics For 30d00h
Tue Jun 01 12:00:00 AM PDT 2004 - Wed Jun 30 11:59:59 PM PDT 2004

#	Resource	Total		Used		
		Avg	Max	Avg	Max	%
	PrimeTime	6.97	10	6.91	10	99.14
	hsm-char	5.85	15	5.75	15	98.40
	Analog Design Env_XL	6.67	15	5.74	15	86.11
4	callbredrc	8.00	8	5.08	8	63.50
5	NC-Verilog	50.00	50	28.20	50	56.40
6	hsim	2.00	2	0.51	2	25.59
7	vcs	30.00	30	7.64	30	25.45
8	hspice	17.66	38	1.63	38	9.21
9	Virtuoso Layout Suite_L	15.65	21	0.99	8	6.32
10	Encounter Timing_XL	1.00	1	0.05	1	4.81
11	Affirma NC Simulator	50.00	50	1.78	9	3.56
12	SignalScan	50.00	50	1.57	3	3.14
13	Conformal Ultra	50.00	50	1.44	20	2.89

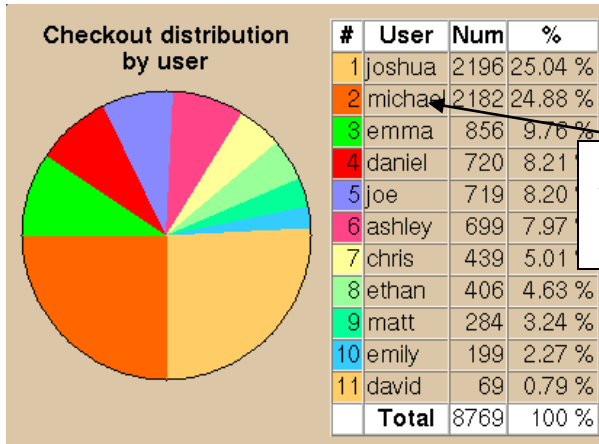
Hot-link to feature details

Graphs

Sort columns

Color-coded to show heavy used features

Select any time period



History for Last Month

Most checkouts by feature

CDN/drc	3079	7d19h
MGC/sta	1050	5d03h
SNPS/place	1484	2d23h
CDN/synth	1110	2d22h
CDN/verilog	600	1d19h
NASS/route	787	1d17h
MGC/lvs	378	19h50m
CDN/memgen	473	14h26m

Most checkouts by user

john	4710	13d16h
chris	3124	6d23h
david	271	18h13m
ethan	267	18h12m
emma	268	18h11m
joshua	269	18h04m
joe	272	17h59m
daniel	1	1h06m

Denials

Recently denied features

CDN/synth	5m03s
NASS/route	12m08s
MGC/sta	22m03s
MGC/lvs	1h20m
CDN/verilog	2h01m
SNPS/place	2h03m
CDN/dxcse	2h32m
CDN/pwridf	2d13h

Recently denied users

chris	5m03s
david	5m12s
joe	12m08s
emma	2h01m
daniel	2h32m
cindy	6h24m
tom	8h23m
mike	4d23h

Hot links to detail

Additional LAMLM report views at [.teameda.](http://teameda.com)
or

Call now for a demonstration!

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