# Integrated Software License Management Tools for Engineering Applications

# **License Asset Manager™ with Usage Monitoring Features and Capabilities**

# Installation and setup:

- Windows or Linux (Server, VM or cloud)
- Easy to install (< 1 hour)
- On-site implementation services (2 or 3 days)
- · Intuitive User interface
- · Autostart all Services
- On-line HELP with linked TOC
- Linux CentOS image vdi/vmdk complete install
- Single Sign-on compatible
- · Active Directory integration

### **Asset/Inventory Management:**

- Centralize, protect, and share information
- Contract/Document Management
- · Contact Management
- · Inventory by:
  - Vendor
  - License Type
  - Restriction
  - Responsible Person
  - o Discipline
  - o Renewal date
- Current License Inventory report with total License count by Tool
- · Track license by
  - o port@host
  - License file
- "FlexParser" used to view License File
- Import Template for Licenses, Vendors, Servers
- Auto Renewal Expiration Alert

#### **Daemon Manager:**

- Capture and store daemon information
- Deploy, start, stop Flex daemons
- · Read, edit, reread License files
- Read, edit, reread Option files with Syntax check

# Alerts (automatic):

- License Available
- Renewal Expiration Alert to "Responsible Person Only" option
- Long check-out
- · Long check-out with Warning Letter
- Near Capacity alert
- · At Capacity alert
- Daemon-down alert
- Expiration alert
- User-definable alert frequency
- Duplicate License Checkout alert
- · Denials threshold
- License Expiration Alerts with "expired Licenses" option
- Renewal Expiration

#### Other:

- Heatmap (24x7 usage patterns)
- Dynamic "path" checking for Debug Logs
- MSC CAMPUS sub-feature reporting
- Token Sum reporting for subfeatures
- Comprehensive Usage (short checkouts)
- CRON status lights
- Methodology "best practices" training
- · Eastern time zone
- · Superior Technical Support
- Direct access to developers
- "Change IP" script
- U.S. Veteran owned, small business

## Licenses:

- "Borrowed"
- · "Reserved"

# **License Types Supported:**

- FlexLM/FlexNet
- LUM
- DSLS
- Reprise
- Sentinel (RMS, HASP and Zemax)
- Altium
- LM-X
- MathLM
- Windchill
- Atlassian
- Codemeter
- Wibu

#### Interfaces:

- · Excel in / out
- · Generic usage import
- JSON (Tableau)
- FNM data import

# **Database Management:**

- Automatic database Backup
- Restore Backup
- · Truncation and Archive
- DB reduction Procedure (remove 0's)
- Auto DB reduction

#### **Custom Software:**

- Ability to customize (NRE)\*
- Custom node-locked monitoring agent
- \* Extra cost



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# **Graphs:**

- Dynamic History Graph (display data points)
- .jpg images (copy/paste, email,....)
- · Auto-scaling
- Denials Graph
- · Group Usage graph
- · Batch: All features by Tag Graphs
- Multi-Graph Batch report/view (up to 8 graphs)
- Combined-feature' graph (same Feature across multiple license servers), selectable by Tag

#### Tables:

- Export to Excel
- Can be sorted (by column heading)
- · Can be "filtered"
- Batch: All feature Detail by Tag -Tables
- Combined-feature' Table (shows usage by User across mulitple license servers)

#### **Easy to use Batch Reports:**

- Weekly, monthly, quarterly -7/30/90/180/365 days and YTD time periods
- Custom time periods
- Folder or e-mail delivery (multiple e-mail address)
- Expanded Active Directory fields for Batch exports
- "Test" Batch Report button
- All feature Detail by Tag Tables

# **On Demand Reports:**

- URL created report
- Favorite (Browser and "Favorites" Tab)
- User Dashboard

# Usage Monitoring by Tool / Feature / Tag:

- Variable CRON Interval
- · CRON status lights
- Comprehensive User Activity
- All or only selected Features
- Realtime view of License file (features and expiration dates)
- History Graph by feature / tool / user
- Feature Name Aliasing (on-line or off-line)
- Combined-feature Table (shows usage by User across multiple license servers)
- Multiple-feature' report (multiple features, same port@host)
- Variable CRON Interval
- · CRON status lights
- Comprehensive Averages Overview, M-F only
- · History by User

### **Concurrency Reports:**

- 24x7 (% at each level) M-F, 8-5
- · Variable time period

## Denials by:

- Heatmap
- Detail export to Excel
- Feature report
- Tag report
- · User report
- DSLS denials report

## "Zero-Usage" Reports:

- By single Tag
- All Tags
- Gas gauge view with option to show Zero use

# **Groups:**

- · Group Usage:
  - By Feature
  - By Group
- · Groups from AD, Auto sync option
- History by Group
- · Groups from:
  - Excel spreadsheet
  - Active Directory
- · Group list import / export
- "Users not in any Group" report

# **Averages Reports:**

- Total usage time
- Average checkout time
- · Average number of users

#### **Current Checkouts:**

- Overview (color-coded)
- · Queued Licenses in Current Overview
- · Real-time "gas gauges"
- By User
- # times at "max. checkout"
- Restricted URL access to current license checkouts
- · Detail by Tool/Feature
- Comprehensive Usage report (short checkouts)
- "Heatmap" (24x7 usage patterns)
- · Dynamic "path" checking for Debug Logs
- LMREMOVE (Current Checkout Details)

## **Chargeback Reports:**

- · By User
- By Group
- Cost Field for allocation of cost in UM Charge back Reports

TeamEDA, Inc. (603) 656-5200 Info@Teameda.com

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