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## scVENUS License Tracker

# Cutting software costs by applying intelligent license monitoring

Companies that use applications with FLEXlm, LUM or similar licensing mechanisms often do not know exactly how their licenses are used on a daily basis.

scVENUS License Tracker (scVLT) is a license monitoring solution that allows to assess the actual utilization of software licenses and to present it graphically at a glance. The information gathered by the monitoring software can help to better utilize licenses and to bill the licenses based on actual usage.

scVLT is a straightforward solution that has been tried and tested by s+c customers for many years and has led to significant savings.

### Benefits of scVLT

accurate overview of license usage

accounting of license utilization based on actual usage

central reports for all departments

securing the license availability

saving unnecessary license expenses

### Typical scenarios for the application of scVLT

- **Intransparent license utilization:**  
How are available licenses used?  
Do peaks of utilization arise regularly?  
Are too many licenses provided on spec?
- **Uncoordinated utilization of licenses:**  
Is it possible to improve cross-departmental utilization of licenses?
- **Costly license accounting:**  
How can license utilization be quickly and easily accounted according to user groups or projects?
- **Heterogeneous license management:**  
How can heterogeneous license mechanisms be efficiently administrated?

### Design of scVLT

scVLT consist of three components

- **Real-time monitoring:**  
graphically displays the current and past usage or utilization of software licenses, respectively.
- **Accounting:**  
stores detailed information about license utilization that allows to account license utilization times according to project groups.
- **Health monitoring:**  
monitors the license infrastructure in the background and warns of potential problems.

### Important features of the solution

- real-time view on the current license utilization
- graphical reports of the utilization of various licenses
- automatical periodical reports of license utilization times according to user groups
- monitoring of rejected license requests
- early reminders for expiring licenses
- optional: individual analysis, accounting and management reports



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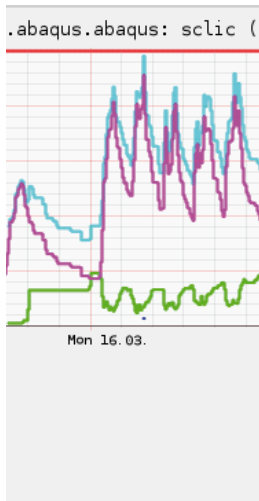
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## scVENUS License Tracker data sheet

### Features overview

#### Real-time monitoring

- › overview of the currently used licenses (configurable time interval)
- › overview of the current users of certain licenses
- › display of the number of rejected license requests (if supported by the licensing mechanism)
- › display of time spans spent to wait for licenses
- › graphical display of monitoring data in the browser



Chronology of the  
scVENUS license monitoring  
utilization

#### Accounting

- › usage documentation: recording the license usage time span according to application, license feature and project group
- › analysis of usage average and maxima per day
- › statistics of the utilization time of applications (licenses)
- › overview of the average time that licenses have not been available and of each single unavailable license (if supported by the license mechanism)
- › distribution of the utilization times of licenses for user groups with consumer-oriented cost-allocation according to periods
- › graphical display of the analysis as Wiki storyboard in a browser or as CSV table
- › option to export the monitoring data as CSV tables
- › optional: provision of automated management reports as PDF

#### Health monitoring

- › monitoring availability: license servers and required services
- › monitoring the validity of licenses
- › displaying licenses that will expire in the near future
- › monitoring critical system resources at license servers (disk usage, cpu load, ...)
- › monitoring with a graphical monitor and with a flexible alarming system with various interfaces to email and to enterprise incident systems or to other monitoring systems

### Supported license mechanisms

The following license mechanisms, among others, can be monitored using scVLT:  
FLEXlm, LUM, beta\_lm, Elan, LSTC, LICMAN, LServer, OLicense, SLiM, PERMAS, RLM, vlms

An up-to date list of the supported license mechanisms can be found here:

[www.science-computing.de/scVLT](http://www.science-computing.de/scVLT)

Additional license mechanisms on demand.

### System requirements

scVLT master: Linux server (also virtual or as appliance)

analysis Wiki: Apache server

license server: Linux, UNIX, Windows

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