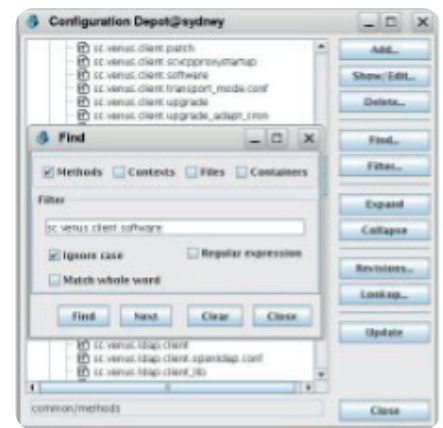# science + computing

Efficient administration of homogeneous and heterogeneous computer networks with scVENUS

scVENUS is the software tool for intelligent system management of homogeneous and heterogeneous Windows and Linux systems. Enhance the effectiveness of controlling your operations and quickly raise the productivity of your network and of those dependent on it by automating administrative tasks with the help of scVENUS.

scVENUS reduces downtime to a minimum and allow for uniform administration of a network comprised of a variety of different platforms, saving you time on installation, upgrades and recovery. With scVENUS the management of your computer network becomes more efficient and reliable, in effect more economic.

System management with scVENUS

From a single point of administration, scVENUS installs your clients, ties together the management of your users, clients and file systems as well as the configuration of your system including the installation of all your software. Resource planning is a straightforward task with scVENUS Inventory, while scVENUS Monitoring keeps you updated on the current status of your network.

Integrate your different computing worlds

Utilize scVENUS to tie together your Windows, and Linux based computing into a virtually homogeneous administration network. The uniform management assures consistent identity management and easy cross-platform data access.

Automate your system management

Accomplish your everyday administration tasks platform-independently by mouse click: Once you specified initial parameters and defaults, powerful automated tasks (scVENUS scripts) handle the installation and configuration of your clients and your software. Organize and manage your clients in groups, either depending on technical parameters or task-oriented. To guarantee quick implementations in large scale environments, scVENUS runs its tasks in parallel.

Enhance team-working capabilities

scVENUS needs not be the only one working in parallel: With the help of the software you can distribute tasks among several administrators, allowing you and

your colleagues to work simultaneously. Delegate tasks and permissions to different administrators, while scVENUS ensures that no one has to worry about interfering with someone else's task.

Guarantee for the quality of your system administration

All configurations are administered with scVENUS from a central depot, giving you the ability to deliver any client into a desired state within a minimum of time and under any circumstance. Once set up, scVENUS scripts will handle your everyday administrative tasks. These scripts always accomplish tasks in a uniform manner. In effect, scVENUS increases the comprehension and reliability of the entire administration process.

Atos

scVENUS overview – functionality

Integrate scVENUS to best suit your requirements

scVENUS is ready to go out of the box. Further adapting the software to suit your individual needs, however, does not require major consulting. As also the interface is concerned, you have options to choose from: All of scVENUS features are available via command line interface or through a graphical user interface. You can even realize remote access administration - all as you please.

scVENUS offers you system management that is reliable, consistent and cost-effective. It includes modules for client installation, configuration administration, software administration, user and file system administration, inventory and monitoring:

scVENUS Client Installation

Use scVENUS to transform new computers from blank hardware or virtual instances to a client with a defined productive status in a single installation step: The operating system and the required applications are installed, the client configured and immediately integrated as scVENUS client into the computer network.

scVENUS Configuration Administration

Use scVENUS to quickly raise the productivity of your workstations. Each configuration is recorded by scVENUS and can be reproduced at any time. In this way, you can reconfigure your workstations quickly and efficiently to a previously defined state: Rapidly integrate a client into your network or put it swiftly back online after a defect. Using scVENUS scripts, you can automate your administration tasks. As a result, your administration gets done quickly and faultlessly.

scVENUS Software Administration

Using only one single command from your administration client, you can quickly install software packages on other clients in a heterogeneous network. You store the required software packages in one or several software depots. During installation, scVENUS determines the properties of each client and automatically installs the correct package from the nearest software depot - and it can do this, of course, in parallel on several clients.

scVENUS User and File System Administration

Using scVENUS you can simply and efficiently handle the administration of your users and file systems over the broad range of Windows and Linux platforms. User names and passwords are effective throughout the whole network.

For more information: dl-sc-sales@atos.net

Your users can also access home and project-data directories from any client. So, the heterogeneity of your network is no longer an issue.

scVENUS Inventory

Allow scVENUS to manage your assets and keep a constant overview of your client environment: scVENUS automatically collects
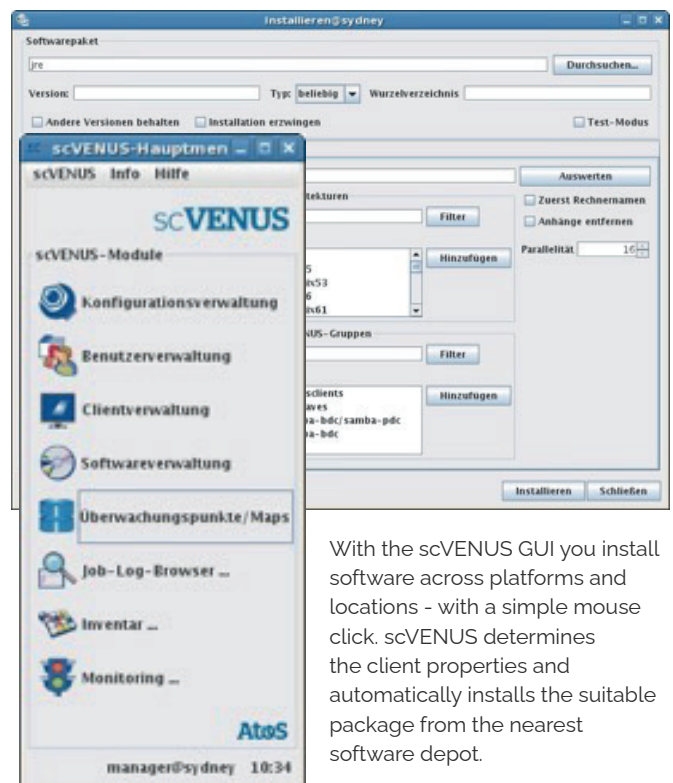
all the information about the installed hard- and software. You can supplement these details with organizational information such as their location or inventory number.

scVENUS Monitoring

With scVENUS, you can prevent problems before they occur: Monitor the critical properties of your scVENUS clients, such as CPU load,
free memory or unused disk space. scVENUS collects these data automatically, analyzes it according to your settings, and notifies the administrator about potential problems.

System Requirements

scVENUS supports the following platforms: Windows, Linux, Unix, Mac OS. For more details about supported platforms, see atos.net/s+c

With the scVENUS GUI you install software across platforms and locations - with a simple mouse click. scVENUS determines the client properties and automatically installs the suitable package from the nearest software depot.

atos.net/s+c