

## » CATIA V5 under control worldwide

scV5 consolidates distributed CAD locations at Valeo

### Requirements

Uniform environment for CATIA V5 with central administration, parallel installation of several versions according to the specification of different OEMs, individual assortment of selectable versions for each department, remote maintenance of distributed locations.

### Solution

Administration of the CATIA V5 workstations through scV5 from s+c. Consultation and support by Work@lim.it, a partner of s+c.

### Benefits

Reproducible, automated installation of all CATIA V5 workstations, quick roll-out of new versions, simple administration due to the central administration solution.

IT manager Kavadi Praveenkumar has long wished for a standardized CATIA environment at all CAD workstations. This is a formidable challenge, as Praveenkumar's employer Valeo is one of the world's largest suppliers of automotive parts and operates dozens of construction locations worldwide. These locations use different operating systems and require many different versions of CATIA V5 CAD software at the same time. What's more, up to now CATIA has been installed on the workstations at each location not only by the company's central European IT team from Erdweg but also by different local IT operators. This led to an environment that was anything but homogeneous when a new version was rolled out. *"The multitude of configurations meant it was almost impossible to manage our CAD environment,"* says Praveenkumar. Administrators from the company's central IT team regularly faced the burden of traveling to the local branches to upgrade the CAD workstations as required – time and money that Valeo was only too keen to save.

Although remote maintenance systems that can load software packages onto a remote computer do exist, most of these systems fail when required to manage several versions of the same software simultaneously on one computer. But this is exactly one of Valeo's central requirements: The supplier works for different automobile manufacturers, which determine very special CATIA configurations with certain releases, service packs and hotfixes.

To enable the designers to immediately process orders from any customer on any workstation, all demanded CATIA-versions must be installed in parallel. For the necessary comfort, the IT service provider Work@lim.it developed the tool myE-Desktop, a start tool that enables engineers to select the correct CATIA version including suitable presettings for each OEM at the push of a button.

The administration solution scV5 from s+c already covers this use case: It can not only administer several CATIA versions in parallel, but also automates the configuration of specific start tools such as myE-Desktop in a few steps. In addition, scV5 centrally administers the current CAD version requests, efficiently distributes updates across the local network and effortlessly administers even distributed locations in a uniform and resource-friendly way thanks to the underlying scVENUS technology.

This is primarily due to its capability to replicate the central software depot with all CATIA packages at each location. While an administrator continues to centrally initiate the actual installation for all locations, the individual clients retrieve the software from their nearest local depot, thus saving resources. This significantly reduces the load on a slow network link to the headquarter.

For Manfred Aufleger, who is IT Consultant at the service provider Valeo and at s+c's partner Work@lim.it, it was natural to solve





the administration issues on the CAD workstations with scV5. A test installation was all that was needed to convince Valeo's management. Working hand in hand with experts from s+c, Mr. Aufleger initially converted the required CATIA versions into the scV5 format, adapted the CAD operation at the IT headquarters in Erdweg and introduced the new system to Valeo's administrators. *"They quickly became familiar with scV5 and barely required subsequent support,"* says Aufleger.

While the administrators independently rollout new CATIA releases, Work@lim.it successively improves the manageability of the CAD departments in different European locations by introducing scV5. This is proving successful, because Valeo is already considering introducing scV5 on all CATIA workstations in the worldwide group. The costly journeys to branches are now a thing of the past for administrators and even local IT operators on site only have to take action in the case of hardware defects. IT manager Praveenkumar is delighted: *"As experienced administrators, we're only too familiar with the problems that can arise when introducing new software, so we've been surprised at how smooth the change-over to scV5 has been."* His wish for standardized CAD workstations is becoming reality faster than he ever expected.

### About work@lim.it

The work@lim.it Systemhaus GmbH offers complete IT solutions from one source. The company designs, realizes and maintains integrated IT solutions for small and medium-sized businesses. Based on an actual analysis made prior to IT-related decisions, work@lim.it supports its customers during the design and implementation phase. For this process, the company relies on proved and tested products from reputable manufacturers such as IBM, Dassault Systems, DELL, Cisco and Microsoft.

### About Valeo

Valeo is an independent industrial group fully focused on the design, production and sale of components, integrated systems and modules for cars and trucks. The group develops solutions for driver assistance systems, to increase efficiency in the power train and to enhance convenience. Valeo is one of the world's leading automotive suppliers. The group has 121 production sites, 61 R&D centers, 10 distribution platforms and employs 51,200 people in 27 countries worldwide.



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### About science + computing

science + computing ag (s+c) is an independent IT services and software house for technical and scientific construction and simulation environments (CAD/CAE/CAT). s+c specializes in optimizing the layout of open and distributed computer systems and has many years of experience in the operation and administration of complex Unix, Linux, and Windows environments, and in software development for these systems. Currently s+c has 270 employees at its four locations: Tuebingen, Munich, Duesseldorf and Berlin. Audi, BMW, Bosch, Daimler, Porsche and Infineon Technologies are among s+c's customers. The company cooperates with business partners in France, Italy, Japan, Sweden, and the USA.

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