

Scavolini enables remote production workflows, lowered costs, and streamlined management with VDI.

### **Customer Profile**

- > Organization: Scavolini
- > Industry: Manufacturing
- > Users: 400
- Applications: Microsoft Office, Autodesk AutoCAD, and graphical software for order entry

### Solution

### SOFTWARE

- > Graphics Acceleration: NVIDIA RTX<sup>™</sup> Virtual Workstation (vWS) software
- > Hypervisor: VMware vSphere ESXi
- > Client: VMware Horizon

### HARDWARE

- > GPU: NVIDIA Data Center GPU
- > Server: Dell PowerEdge R740

# ENHANCING REMOTE USER EXPERIENCE WITH CAD VIRTUAL WORKSTATIONS

## Challenge

Scavolini produces designs and renovations for kitchens, bathrooms and living rooms, providing customers with collections that reflect the latest models, ideas and trends. The company has not only adapted to changes in style, but also to new technologies and innovations. Scavolini needed to optimize desktop and graphics workstations by installing Microsoft Office and CAD software, including Autodesk AutoCAD and graphical software for order entry.

The team was looking for a reliable solution that provided high performance and security. Previously, Scavolini employees had physical PCs, mostly workstations. Since the CAD workflows need significant computational and graphics resources, Scavolini was looking for a solution that could keep up with performance needs, but also needed to ensure it could guarantee reliability and was simple to manage. Because a large number of workstations needed to be supported, they also needed to be mindful of power consumption while ensuring no negative impact to performance. Scavolini chose to work with beanTech for the desktop and virtualization solution. BeanTech, a provider of IT services in Italy, is an Elite member of the NVIDIA Partner Network, and a Dell Technologies Titanium partner.

**SCAVOLINI** 

"Choosing to virtualize a client infrastructure of our size was a major challenge. The VDI solution completely covered our needs... beanTech and NVIDIA have provided us with a high-performance infrastructure and supported us throughout all the steps of the project."

Edoardo Gentili, IT Director at Scavolini S.p.A.

"Designed to provide excellent performance, over time, to all virtual workstations. This has ensured technological advancement through hardware virtualisation."

Adam Strizzolo, solution Architect at beanTech & NVIDIA vGPU Community Program Advisor



## Solution

Scavolini chose VDI because of the simplified management of client machines. beanTech's proposed VDI infrastructure is based on NVIDIA virtual GPU (vGPU) software combined with NVIDIA GPUs, as well as VMware, and Dell Technologies. The virtualized solution allows Scavolini to deploy dozens of virtual machines in just minutes, instead of hours or days. It allows the team to easily deploy apps and software to users, while managing the workspace to ensure designers are getting the performance they need. NVIDIA vGPU graphics acceleration ensures an excellent visual experience for every worker. Currently, Scavolini has 400 VDI users. Once they had chosen the machines that could be virtualized, Scavolini analyzed the costs of the physical machines and compared it to the VDI infrastructure, and saw that it resulted in lowered costs due to the computational resources, operating systems and applications are all being shared and allocated as needed.

## Impact

In addition to the cost savings, an unexpected benefit from VDI is that it allowed Scavolini employees to continue working during the pandemic, without affecting the productivity of the entire team. Previously, there wasn't a great need for remote work solutions. But when the pandemic occurred, Scavolini was able to accommodate employees and enable them to work from home, thanks to VDI. The team at Scavolini deployed virtual machines and ensured the designers had the same user experience as if they were working in the office. IT managers can also configure a workstation remotely, without having to be in the office. This provides more flexibility in the workday, which would not be possible in a traditional environment. With the NVIDIA vGPU implementation, Scavolini achieves the same powerful, flexible performance they need to run CAD workflows, wherever their users are located.

## LEARN MORE

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