



Figure: AHO Campus, Oslo



Location

Oslo & Tromsø,
Norway

Industry

Education &
Training

Solution

Desktop-as-a-
Service (DaaS)

Use

Design Rendering,
3D Visualisation,
CAD, BIM

Leveraging ClouDALize's GPU-powered DaaS solution has boosted the digital transformation efforts of Oslo School of Architecture and Design (AHO) to better cater for students' need for consistent speed and performance while studying and doing project work.

By choosing ClouDALize, AHO has gained a scalable, flexible and cost-effective solution to offer remote learning with the latest Computer Aided Design (CAD) and Building Information Modelling (BIM) software while moving to the Cloud to reduce IT maintenance costs.

About AHO

The Oslo School of Architecture and Design (AHO) is a highly-specialised third-level institution in Norway which offers three masters degrees in Architecture, Landscape Architecture and Design as well as a doctorate programme.

Established in 1945 to offer crash-courses to architects who had their education interrupted by World War II, AHO now has over 650 students

spread across two campuses: One in Oslo, the Norwegian capital and the other nearly 2,000 km (1,242 miles) north of Oslo in Tromsø - located inside the Arctic Circle.

Students at AHO may specialise in numerous fields including architecture, landscape architecture and urbanism; industrial design, interaction design, service and systems-oriented design.

The Challenge

With two campuses, the ability to offer remote learning to students and to standardise setups were key challenges for AHO. As parents bought the machines for their children, AHO found it difficult to guarantee the performance and speed of the machines purchased as well as the compatibility of the operating system (OS) with the software needed for the courses.

The possibility of remote learning was thought to be possible only by the provision of Virtual Desktop Infrastructure (VDI) solution by building new computer labs in both locations. It would stretch the IT team further in terms of cost and time to set up and maintain for the two locations. Furthermore, it would not provide the mobility of remote learning for students to work from anywhere and on any device.

The Solution

To provide students and faculty with the desired end-user experience, AHO decided to move to the Cloud. It investigated and tested numerous other well-known Desktop-as-a-Service (DaaS) providers but ultimately chose ClouDALize based on its turnkey GPU-powered solution, expert support team and straightforward setup.

ClouDALize's innovative Admin Portal with automated tools enabled AHO's IT team to manage the virtual

infrastructure effortlessly, freeing up resources for staff to work on other critical issues.

The GPU-powered virtual machines are accessible from anywhere on any device through a stable internet connection. The desktops are deployed without difficulty to individual students with specialised blueprints or in a pool with a standardised setup.

The Future

"Empowered by ClouDALize's GPU-powered DaaS solution, AHO have gained an unrivalled cost efficiency by standardising the IT infrastructure" stated Frode Gether-Rønning, Senior IT engineer at AHO. "ClouDALize has enabled cost-effective remote learning and group project work for students who cannot be on campus. Furthermore, ClouDALize has enabled AHO to speed up the process of rolling out new self-managed digital infrastructure to offer new technological innovations and modules to the curricula of its courses."

Thanks to the help of ClouDALize, AHO has started to plan for the future and ClouDALize's GPU-powered virtual desktop solution is now a central column of this plan. AHO's IT department is convinced of the added value that ClouDALize can bring to AHO. ClouDALize's solution offers a long-term solution to meet the future needs of students and boost its digital transformation efforts.

AHO is benefiting from enhanced agility, scalability and flexibility thanks to ClouDALize's GPU-powered solution. Students can access their courses online from anywhere on any device and IT can adapt quickly to AHO's requirements.



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