

Case assignment research material:

- VDI enables use of software available in Aalto classrooms wherever using whatever kind of device. Computing resources are in VDI, so you don't need state of the art laptop to run software!
- All of your Aalto files are available through the VDI without any installations or configurations.
- Cross-platform usage is key. Users can use operating system-specific software regardless of their device. For instance, if you need Linux or OSX specific software, you can run them using the VDI. Or, you can access a Windows operating environment through an iPad.
- Using the computing resources available in VDI is especially useful when dealing with power-intensive processes, e.g. 3D rendering.

Software included:

ARCHICAD (architecture)
Aspen (engineering)
ATLAS (qualitative research)
AutoCad, AutoDesk (engineering)
ChemBioOffice (chemistry)
ChemOffice (chemistry)
MATLAB (engineering)
SPSS (statistical analysis)
Unity (game development)
... and more!

Aalto IT is interested to hear what other software students and staff would be interested in. New software is being added constantly.

Privacy:

- Servers are physically at Aalto
- Connections are encrypted
- Single sign-on
- Multi Factor Authentication coming

Staff devices approximate breakdown:

4,500 Windows laptops

1,000 Linux laptops

1,000 Macs

Digital Aalto 2022 strategy:



Links:

VDI

<https://vdi.aalto.fi>

VDI how to

<https://www.aalto.fi/en/services/vdiaaltofi-how-to-use-aalto-virtual-desktop-infrastructure>