



How Application Virtualization Improved Student IT at Odisee University College

After realizing their students expected a more modern and familiar way of accessing apps, Belgium's Odisee University College implemented application virtualization as their preferred software delivery solution.

Project background
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At compuses in Bissuskis and Chiert, Odisse data service NULeavem University students (7000 enrolments) and Academic star (750 members). The University College currently employs Miscoust Sigstein Centre, more commonly innore as SCOM, to startificate applications in the 4000 PCS student for entitive of little, one concess lates and stallificationshare devices protopope, Natl of those machines are required for the University's innorth machine in beinging members applications to the student and beautify staff or such a opportunity of device the days operated and university.

Distributing software in the 'old' way also created very large distribution packages. Like most universities, it's difficult to predict in advance which classroom needed what software packages. In some cases on average of 140 software titles were installed classroom PCs. Managing this many apps across 1900s of PCs could cause lattine issues; applications not working as they should, incompositive packages, conditions precluments etc.

in the field of education there's much diversity between institutions. There's no standard of software delivery, with most university IT learns adopting their preferred method of deplaying apps. The needs of the university and requirements of this student need to be considered more comprehensively in the open of Birthy that Com Devices (BFO) can be considered and the comprehensively in the open of Birthy that Com Devices (BFO) can be considered more comprehensively in the open of Birthy that Com Devices (BFO) can be considered as the comprehensively in the open of Birthy that Com Devices (BFO) can be considered as the consideration of the consideration

BYOD is commonplace nowadays, but for many this has sometimes stapped of providing WI-FI access to student and staff's rown devices. Historically, the loke of universities collaborating to share packages where applicable has been difficult becau of the visat rang of different technologies that are used.

The project, which cought a new technology to meet the correct requirements, was funded by the university, to find the most efficient way of delivering apps to studiets and staff without the need for physical institution of the software pockage. This was made at the more important due to complex license models and the inflexibility of moving licenses around the universit, if estate.

The project was designed to deliver many ambitions the li students. The most important ones being:

- Use IT to improve the student experience Deliver apps to the desktop quickly and effice Reduce log on times and IT administration Improve timetabling and asset management Reduce software license costs

High performance on machines using CAD/GS/STEM was essential, as Odisee required a method of delivery with no compromises, where the application could be locally executed on the device, making use of some of the powerful hardw dready purchased for labb. that required henexywelphi applications.

Finally, on easy way for students and staff to access this large array of software without the need for complicated installion on university owned device. Likewise the solution needed to be user-friendly on a student/staff-owned device (on or off campus), whilst giving IT control of offline access and license control.

An evaluation began and some investigation of the market in 2014, and other discussion with learns in the foculties, a project proposal come loop-ther that would see all 4 foculties jain forces with the atm of implementing a managed software delivery service, to be certainly jun from IT.

Citrix XenApp — Discounted as out of budget range
Microsoft App-V — Discounted as failed to meet all technical challen
Numecent Cloudpaging — Finalist through to POC

.... conouyunging system provided an advanced application virtualization technology, arguably offering Odisee greater feelblitly than other application virtualization products on the market. It had already been implemented and used estensisone of Europe's largest universities, and with significant results. When combined with AppsAngushere, Cloudpaging provides a mechanism to deliver, manage and virtualize apps to a client stockine from a centrally administered server. Odisee dimed to reduce the cost of application delivery, while improving servi-evels, simplifying management, and improving reliability and user experience.

Apps are now delivered to end-user machines across their networks, meaning students can access the applications anyw whether on campus, at home or on the move. Critically, for the IT team, apps still remain centrally-controlled and can be revoked of any time.

Fater software invalidation and more reliable PCs.
Remoting of PCs in currently sking or leved 6 flows. This is marily down to the size of the image) and the amount and service of the otherse options annotated on the level of the control of the otherse options annotated on the PCs. Control of the other options annotated on the PCs and the re-image of in such less service of the position of the other options and the position of the position of the other options and the position of the other options are of the positions and the positions and the positions are obtained for the PCs improved, the image of the other options are obtained under the other of current applications and the positions are positions and the positions positions are positions and the positions are positions and the positions are positions and the positions are positions are positions and the positions are positions are positions are positions are positions and the positions are positions are positions are positions and the positions are positions and the positions are positing and positions are positions are positions are positions are po

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