



Abstract

Customer Profile



Company	Engineering University of CAPF
Industry	Education
Country	China

Solution

Centerm Thin Clients
+
VMware Virtualization

Deployment Scale

200 units

Case Study

Chinese Armed Police Force of Engineering University

Centerm has helped the university build up its own education cloud.

Customer Comments

“The cloud clients we purchased have been applied in the actual teaching; the virtualization solution has optimized the teachers’ preparation and teaching flow, reduced defect rate and improved teaching efficiency.”

*-- Professor Zhang
Information & Technology Center*



Challenges:

- In the old PC solution, the management is very difficult for PCs are all scattered and not centrally managed;
- The maintenance efficiency is low and the work load is heavy—it needs 4 hours to update one PC and the IT admins need to on site update the PCs one by one.
- When there are defects with PC, the work would be disturbed for a long time, which cannot meet the demands of consecutive working.
- The power consumption and heat emission is also very big with PCs.

Founded in 1983, Chinese Armed Police Engineering University is the first comprehensive university of Chinese armed police and is under the direct management of Chinese armed police headquarters. The university is equipped with more than 20 majors like communication engineering, electronic technology, equipment & transportation, military economy and construction engineering etc. Its teacher resource is abundant with more than 200 professors & associate professors and more than 300 postdoctoral, doctoral and master's faculty.

Solution & Benefits

- For the OA features and hardware & software demands of the University, Centerm provided it the desktop cloud solution based on virtual desktop infrastructure.
- The central management and maintenance of desktop cloud has improved the efficiency and solved the problems of the scattered PCs
- Centralized installation, deployment and update and only 15 minutes needed to update or publish a desktop shortened the maintenance time to 1/6 of the physical desktops
- When there is defect with the virtual desktop, it only needs 10 minutes to complete the re-publish of the desktop, meeting users' demands of consecutive working.
- The desktop cloud does not rely on the processing performance of the cloud clients and the no-fan design of cloud clients improves device reliabilities, which increase the clients' replacement cycle.
- The education cloud of the university not only solves the existing problems and also improves the teaching experience of the teachers.