

China Mobile Group Chongqing Co., LTD

Centerm desktop virtualization solution has helped China Mobile Group Chongqing Co., LTD step into a brand new cloud computing time.



"The staffs can access the virtual desktops from anywhere and at any time now while the IT administrators only need to maintain the virtual desktops stored in the data center; Company data is much safer with centralized management and the total costs are reduced greatly."

----- Dong Liu,

IT Manager of China Mobile Group Chongqing Co., LTD

China Mobile Group Chongqing Co., LTD actively committed to the mobile communication technology innovation, business innovation and service innovation, has experienced since the childhood, from weak to strong, into the development of good, network operations and business innovation has completely realized the synchronization with the international advanced level of same industry development. The company has a high-quality staff group, strong cohesion of the team and a large and stable communication network system, and customer oriented, in greatly satisfy the customer demand for voice services at the same time, also provide different levels of customers such as short message, ringtone, GPRS wireless Internet, MMS, color tone, the wounded soldier, the information on demand, mobile banking, mobile gaming, a variety of mobile data services.

Challenges:

- ✧ With the enlargement of the scale, also as the "infinite" expansion of IT resources, IT management department is facing the predicament of lacking of effective management for large-scale desktop devices;
- ✧ There is inconformity of IT resource use efficiency--some system storage repeatedly expands capacity while some system may still have spare space, but IT can't achieve resource sharing;
- ✧ Data loss caused by difficulties of large-scale management resulted in intangible loss of Company;
- ✧ Along with the sharply rising of IT comprehensive costs, the upgrade, maintenance and energy losses of those many devices brought no small burden to the enterprise

Multiple Demands from Different Staffs



Mobile Staffs

- Sales
- Key Account Manager
- Senior Executive

- Need complete desktops
- Certain requirements for information security
- Need to use a lot of company resources



Office Staffs

- Administrative Staffs
- R&D

- Complex business , need complete desktops
- High requirements for personalized desktops
- High requirements for information security



3rd Party Staffs

- On-site & outsourcing staffs
- Trainees
- 3rd party maintenance staffs

- Need complete application experience
- Security Limitation & Audit
- Standard application set



Staffs of Remote Branch offices

- Branches
- Call Center + OA
- Remote education

- security access
- fixed working desktop
- applications are relatively complex
- need a lot of company resources



Task Staffs

- Maintenance Staffs
- Call center business
- process

- single desktop business needed
- limit resource needed
- unified interface needed

Solution

Components: CT Vision, Centerm Cloud Computing Terminal (number: 700)

Application Scale:

First phase: 500 virtual desktops used in call center;
2nd phase: 200 virtual desktops used for OA.

● CT Vision Powered by VMware View:

Desktop virtualization software products co-developed by Centerm Information and VMware. It inherits all the world's most-leading virtualization technology of VMware View, and fuses with Centerm Information technology accumulation in China Market, perfectly adapting to China customers' desktop demands.

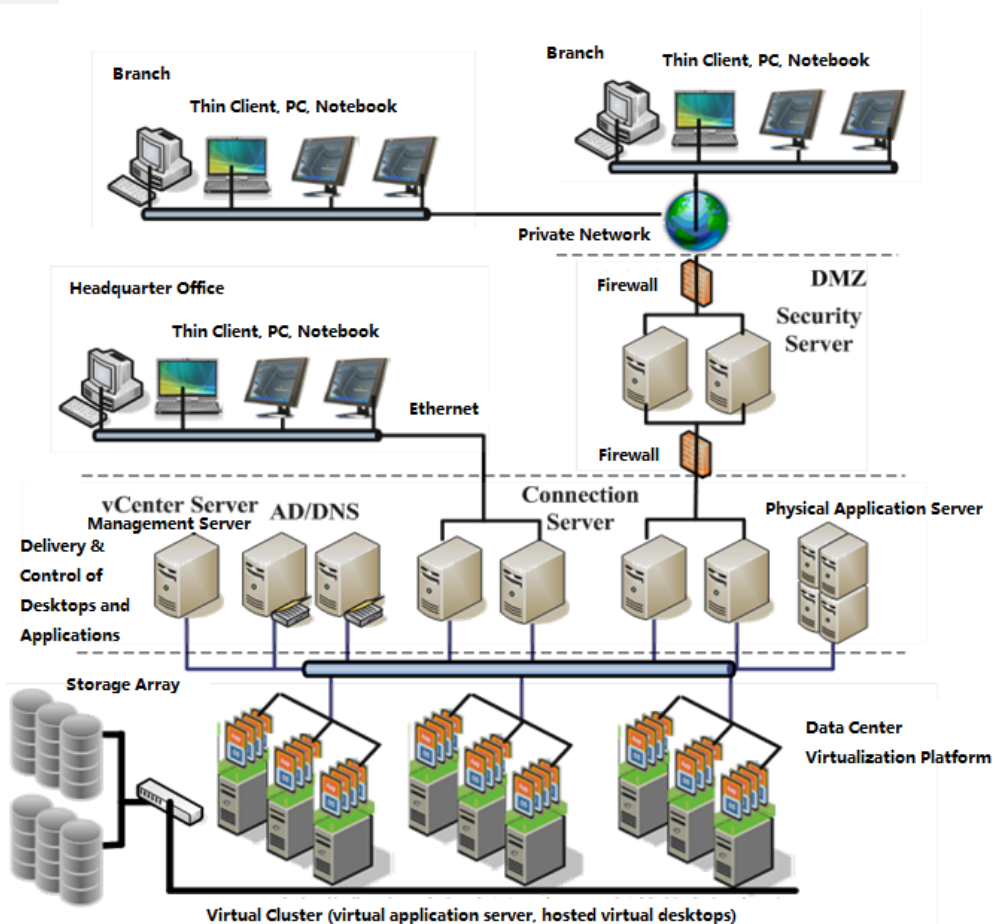
● Cloud Computing Terminal

Thin Client products which are more suitable for desktop cloud solution launched by Centerm Information.

Targets

- Establish 200 users' virtual desktop pilots for part of the staffs.
- Adopt DSFW as the domain certification system of the virtual machines in the projects
- Realizing multiple terminal access ways, including: PC, thin clients, Ipad, Iphone, etc.
- Realizing the unified security evaluation, security classification and access management for the physical machines and virtual machines;
- Realizing desktop virtualization acceleration technology for dynamic multi-media applications like audio and video, etc.
- Fuse the security management of virtual desktops into the centralized security management platform, realizing unified security management.
- The call center with more than 500 seats adopts Centerm self-developed two-way voice technology with virtual desktops to meet customers' demand.

Solution Topology



Benefits

Secure and Reliable

- Unified access of real machine, thin client and iphone / ipad devices, and dynamic security access ensures the security of desktop cloud devices and users;
- Unified upgrade of security software and virus database without user intervention and only secure intranet access allowed strengthen the safety level of the virtual desktop system;
- Unified management of virtual desktops can effectively standardize software usage on the virtual desktops
- Company sensitive data are stored in the virtual desktop, and users can't put these data to real terminal or USB stick, which prevents the loss caused by leaking of the company's important data.

Easy to use

- With the optimized desktop interaction protocol, users' operations in virtual desktops are in complete accord with real desktops; users can well use audio and video applications, effectively improve users' perception
- With USB KEY control, users can choose independently to operate in real machines or virtual desktops; thus work is completely separated from entertainment, improving work efficiency
- Realizing desktop roaming---with the aid of the network cloud, users can connect to the virtual desktop to process work through PC, mobile phones, laptops and other terminal devices in any environment;

Green System with low costs

- Energy conservation and emission reduction
- Purchasing costs saving
- Replacement costs reduced
- Energy consumption reduced
- Management and maintenance costs reduced