Abstract

Customer Profile

Company	Great Wall Motor
Industry	Manufacturing
Country	China
Website	www.gwm.com.cn

Solution

Centerm Cloud Clients C10
+
CCCM
+
VMware Horizon View

Deployment

Scenario: Offices & Production Line

Scale: 1000 units of C10

Time: 2013.09

Case Study

Great Wall Motor

Centerm cloud clients have helped Great Wall Motor highly improved the management and maintenance efficiency.

Customer Comments

"In the past when we used PCs, our IT staffs need to walk about 20 minutes across the big factory to be on site the PCs to do the maintenance and repair, which was very inconvenient; now with Centerm cloud clients and the virtualization solution, all maintenance can be done in our own IT department offices. The efficiency has been greatly improved. "

--Baoming Wang
Engineer of the IT Department of Great Wall Motor

Introduction

Great Wall Motor Co., LTD. (herein after referred to as GW Motor) was founded in 1984 and located in Baoding, Hebei province of China. GW Motor is China's largest manufacturing enterprise of SUVs and Pickups and has got listed in Hong Kong and China mainland with 30 more subordinate subsidiary companies and over 60000 employees. By December 31, 2013, its total assets has reached 52.605 billion yuan. It has two self-owned brands--Harvard and Great Wall with products covering three categories of SUV, cars and Pickups, 6 vehicle production bases and production capacity of 800000 units with the independent matching ability of the core components of engine and gearbox, etc. subordinate subsidiary company more than 30, more than 60000 employees.

Challenges:

Before they adopted thin clients, the employees of GW Motor used PCs for daily work. And they suffered from many inconvenience brought by PCs:

- **Low Deployment Efficiency:**

IT stuffs need to configure PCs one by one --- install software one by one and configure the system environment one by one. They averagely needed to take about 2 hours for each PC. The work burden is heavy while the efficiency is low.

- **Low maintenance efficiency :**

when there was a breakdown of the PC, the average defect recovery time was more than 30 minutes, which usually caused business interruption.

- **High TCO:**

PCs are much more expensive than cloud clients, and the power consumption of PCs is over 10 times more than the cloud clients, which resulted in a big device investment and high electricity charge. What's more, PCs require more space for its big size and generate big amount of heat and CO2, which is not environment friendly.

Solution & Benefits

To improve the deployment & maintenance efficiency as well as information security, GW Motor decided to turn to virtualization instead of the traditional PCs. They deployed VMware Horizon View for their virtualization infrastructure of the R & D departments and offices. And after a series of evaluating and testing, finally they chose Centerm thin clients as the accessing devices. After the whole deployment, they have found that they've entered a brand new office mode with highly improved efficiency and security. Firstly, the deployment efficiency was greatly improved. Originally the IT stuffs needed to install the operation system for each PC one by one, install the software on each PC one by one, and configure the system one by one, which totally took averagely 2 hours on each PC. Now with Centerm thin clients, the IT admins only need to distribute the thin clients to the employees, who only need to power on the thin client with no configuration needed and login to their own virtual desktop or applications to start their work.

For the maintenance, with Centerm CCCM management system, the defect restoration time was greatly reduced to 5~20 minutes from over 30 minutes before. The maintenance efficiency was also highly improved, which effectively guaranteed the business continuity.

Meanwhile, after adopting Centerm desktop management system, the peripherals like USB disks were under strict control and the problem of the quick spreading of virus & Trojans brought by the unlimited use of peripherals was solved. The main resource and transmission route of computer virus are effectively blocked and the security risks are greatly reduced, which has highly improved the security level of their information system.

Centerm Information Co. , Ltd (China)
Add: 2F,#22 Star-net Scient Plaza,Juyuanzhou,#618 Jinshan Road, Fuzhou, Fujian, China 350002 Tel: +86-591-28053888 ext 8757

Centerm Information APAC (Singapore)
Add: 18 Kaki Bukit Road 3,Entrepreneur Business Centre, # 04-12, Singapore 415978 Tel:+65 9015 1946