

## Guangzhoushi Jinzhongzi Kindergarten in China

### 广州市金种子幼儿园

Guangzhoushi Jinzhongzi Kindergarten is located in Luogang District. School covers a total area of 6,600 m<sup>2</sup>. The Kindergarten are using an advanced international bilingual teaching method with the aim to cultivate students to be "independent thinkers, independent learners, active participants".the kindergarten also aims to develop children potential and personality into "cultural perspective, world perspective , modern understanding and social values" .

广州市金种子幼儿园座落于风景秀丽的萝岗区。园区占地 6600 多平方米。幼儿园采用先进的国际教育思想，全面实施双语教育。以“独立的思想者，自主的学习者，积极的参与者”为培养总目标，开发幼儿潜能，发展个性，把幼儿培养成具有“文化观、世界观、现代观、价值观”的世界公民。

### Case Study

#### 案例分析

#### Before 部署前:

Kindergarten had 13 classrooms and 3 offices that were deployed with traditional PCs.

- 1) Each classroom was deployed with a traditional PC, which made maintenance work more difficult .
- 2) There is no IT manager in the kindergarten, as there are many computer problems to be solved.
- 3)The school used U disk to copy the teaching materials and handed them out to each classroom.
- 4) While using U disk to copy the teaching materials can lead to data loss.
- 5) Cannot realize synchronous teaching situation.
- 6) There was no classrooms and teacher offices monitoring functions, so the school director need to walk to the rooms to check them.
- 7) Each teacher / classroom had a traditional PC in a place, which limited them to work from the teachers office to classrooms without desktop roaming function.

8) The size of the host is big. The devices gets hot and noisy when working for hours, which impacts effectiveness of teaching / working.

幼儿园有 13 间课室和 3 间办公室，分别部署了电脑（传统 PC 机）。

- 1) 电脑分布在多间课室，维护工作麻烦
- 2) 园区没有专门的 IT 维护人员，电脑经常出现故障需要维护
- 3) 使用 U 盘拷贝进行教学资料分发和汇总
- 4) 教学资料在拷贝过程中容易丢失
- 5) 无法实现桌面广播同步教学
- 6) 教学管理员无法实时监控老师教学情况，只能逐个课室抽查
- 7) 每个老师/课室捆绑一台电脑主机，工作场所限定在固定的位置
- 8) 电脑主机体积大、发热高、噪声大，影响教学/办公质量

#### After 部署后:

There are 13 classrooms, 3 offices and 3 canteens deploying vCloudPoint Sharing Solution.

- 1) Speedy to deploy the whole solution and only takes a few seconds to create new users.
- 2) All users share a set of systems and software, so the maintenance and upgrade work is focused on one host.
- 3) Share the teaching materials on the host directly without using U disk, and realize centralized management, which improves data security and working efficiency.
- 4) Desktop sharing has features that realize synchronize teaching, which improves teaching quality.
- 5) Real-time classroom/ teachers office monitoring remotely.
- 6) Desktop roaming function: teachers log in their office accounts, office space without restrictions.
- 7) The size of the terminal is small, power consumption is 5w and no noise. It does not only improve the teaching / office environment, but also reduces power consumption.
- 8) After deploying the sharing solution in the canteens, the teacher can play the multi-media file remotely, so the students can watch the educational video while having lunch.

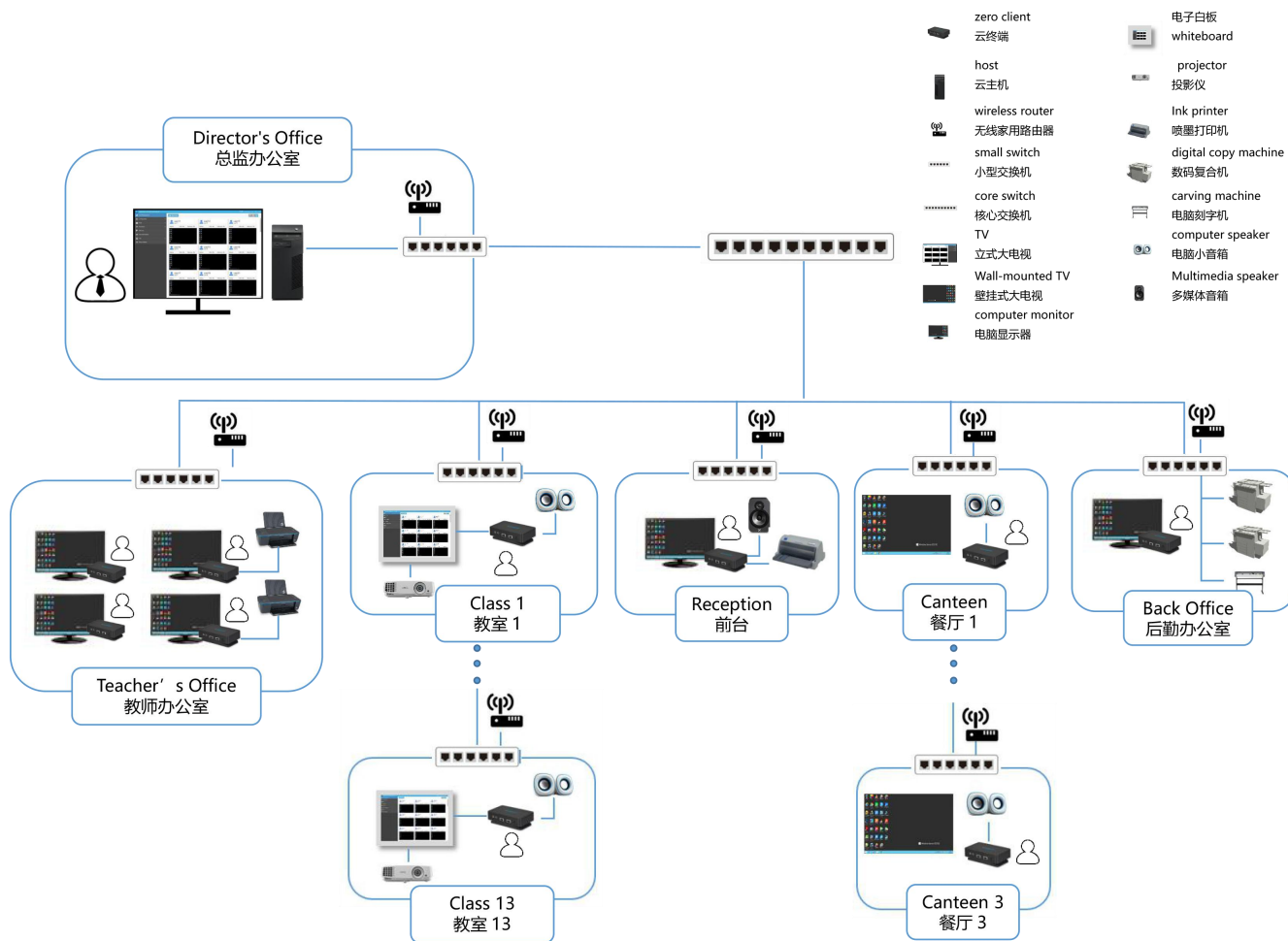
整个园区部署了微云点方案，包括 13 间课室、3 间办公室和新增的 3 个餐厅。

- 1) 快速部署，快速新建用户
- 2) 所有用户共享 1 套系统和软件，后期维护和升级集中在 1 台主机上
- 3) 无需 U 盘即可实现教学资料共享和集中管理功能，提高数据安全性和工作效率
- 4) 桌面广播教学功能，实现同步教学，提高教学质量
- 5) 实时监控和管理学生上课、教师办公
- 6) 实现桌面漫游，只需要登陆自己的账号，办公场所无限制
- 7) 云终端体积小，功率 5w，无噪声。不仅改善教学/办公环境，还节省用电

8) 在餐厅部署云桌面后，老师只需在主机上选择“餐厅”用户播放视频，学生即可在餐厅观看教育视频，实现从课堂到生活的全方位教育模式

## Deployment Architecture

### 部署架构



## Jin Zhongzi Kindergarten Networking

### 金种子幼儿园网络架构图

### Usage:

Reception office

- Connect with a printer for bill printing and a multimedia speaker.

Teacher offices

- Connect with two printers.

Classrooms:

- Each classroom connects with one projector and interactive whiteboard.
- The school director can hand out the teaching materials remotely on the host and using desktop broadcasting to realize synchronous teaching.
- Each classroom has its own desktop account, while teacher can log in her desktop account in class.

Back office

- Connect with one printer for public printing.

Canteens

- Teachers can play educational multimedia file on the host remotely.

具体情况:

前台——用于招待家长/领导/来宾, 连接设备有用于播放背景音乐的多媒体音箱和票据打印的针式打印机。

教师办公室——教师办公位置转移, 并且连接 2 台打印机。

课室:

- 课室使用投影仪、触摸式电子白板实现课堂互动教学
- 从主机统一分发教学资料到各个课室; 桌面广播实现同步教学
- 每个课室都有自己的桌面, 同时教师也可直接登陆自己的办公桌面进行教学

后勤——用于公共打印。

餐厅——每个餐厅都配有 1 台壁挂式电视 (没有键盘鼠标), 教师可在主机上远程播放多媒体教学内容。

**Country :** China, Guangzhou  
**国家:** 中国, 广州

**End user name :** Guangzhoushi Jinzhongzi Kindergarten  
**客户名称:** 广州市金种子幼儿园

**Website:** <http://site.jxt189.com/wxgzh/gzjzz/>  
**官网**

**Contact person:** Mr.Yang  
**联系人:** 杨总监

**Job title :** school director  
**职称:** 教学总监

**Product model:** S100  
**产品型号**

**Total number deployed :** 20 seats in 1 kindergarten  
**部署数量 :** 20 个坐席, 1 间幼儿园

**Applications :** NetSupport School 教学软件, VLC media player 视频播放器, QQ, 应用软件  
Adobe PhotoshopCC 2015, Adobe Reader 9.3, Google 浏览器, Maxthon 遨游浏览器等。

**Server configuration for 20 seats :**  
**服务器配置参数 :**

- **CPU:** Intel i7-6700K
- **Memory 内存:** 4\*16GB
- **SSD for system and user files 固态硬盘:** 240GB
- **HDD for storage 机械硬盘:** 2TB
- **OS 操作系统版本:** Windows Server 2012 R2



