Wifi in Campus：The Light Middle School of H.K.

「E-learning Pilot Scheme」aims to aid English learning, the photo is taken in K-Zone, an English special room, that has already been equipped with Aruba AP.

School Profile

As time changes, the needs for teaching and learning changes as well. The Light Middle School of H.K., Hong Kong True Light College, True Light Girl's College and Kowloon True Light Middle School owns an experience of over 70 years in education, but the True Light philosophy, "An integrated education, should not only impart knowledge and skills, but to blend the knowledge and training skills, which forms the basis of talent.", reminds teaching staffs to insist tracing the new steps and trend of teaching. It had always been committed to improve teaching environment and facilities, so as to develop multiple intelligences education.

The Challenges

The Light Middle School of H.K. acquired numerous e-learning products, majorly iPad2, from the e-learning pilot scheme introduced by the Bureau of Education. However, the network built in campus was not able to cope with the sharp increase of clients.   At the same time, in long-run, time in every class is precious; a reliable and fast network can effectively improve teaching effectiveness. Accordingly, wireless network (WiFi) became an essential issue.

The Solution:

- Aruba105 Wireless Access Point
- Aruba 650 Mobility Controller

Wifi Solution Advantages:

- Stable
- High Speed
- Appearance
- Radiation Safety Standards
- Good Performance

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Solution

Mr. Ha indicated that, Aruba is the choice made under control tests. The IT Team in The Light Middle School of H.K. has tried out APs of different brands. Then, they set up wireless networks under the same network provider. By visiting video websites with over 20 mobile devices, they found that most of the brands performed unsatisfactorily and disappointed

Mr. Ha served as the Head of I.T. panel in the wireless networking project for the 4 True Light schools.

them, except Aruba. He said, 'Stability and speed of the access point is of great priority when making decisions, because it has immediate influence towards teaching efficiency.

The compact size allows user to install and deploy easily

Although Aruba AP can work properly without controller, Mr. Ha agreed to include controllers in the list of solution, because Connection status and network monitoring are too vital. In additions, he revealed that appearance of access points may cause adverse psychological effects, for instance, antennas cause fear of the radio wave, which apparently make harms on human bodies. Hence, he appreciated the antennas-less outlook, with good receivability

Benefits

Undoubtedly, e-learning is winning fondness, because it is fun, interactive and attention getting. Most students in recent decades are used to electronic devices; on the other hand, losing attention to traditional or stereotyped teaching materials. As a result, e-learning is gaining importance gradually. Nevertheless, Wifi is one of the important elements to execute e-materials. Hence, Aruba can provided a high-speed, stable and secure wireless network solution to the four True Light campuses; it does not only help to get better mobility of materials, but to improve effectiveness in information collection as well, thus, created an enhanced teaching and learning environment.