

Installation of AV over IP less complicated than it sounds!



Overview :

Rakuten school is a part of Taiwan Rakuten online shopping platform group and the purpose of establishing the school is to provide basic network operation courses and store counseling services to its novice stores. The school provides knowledge of online shop opening and digital marketing required for e-commerce entrepreneurship. It regularly holds online and offline courses to its store members. Such education services has greatly increase its members and gain reputations in online shopping industry.

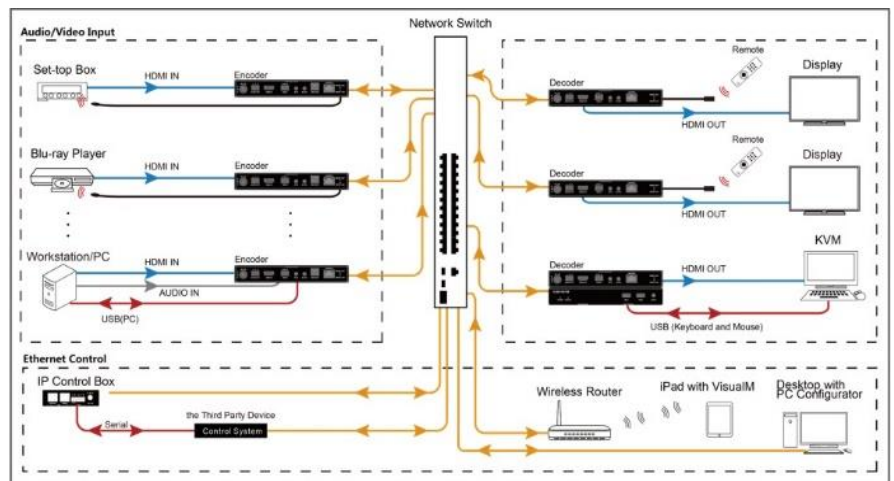
Problem

The Rakuten school classrooms are designed with a moveable sliding door in between the classrooms. Such design is for when a larger class with a bigger number of students takes a place, the separated classrooms can be joined become one by opening or remove the sliding door in the middle. The interior design is flexible for small and large class applications; however, the teaching facility does not meet such needs. The facility was set up for the separated use of the classrooms and each classroom has a ceiling projector, DVD player, computer, podium table, audio and screen. It works fine for separated classes but not for joined class which all in one big classroom as the viusal content cannot be seen in multiple screens, but only in one screen. Therefore, the Rakuten school was searching a solution to meet a join class needs and add flixiblity feature in the teaching facility.

Solution

aegis' AV over IP solutions offers matrix switch, a content shown in multiple screens, and easy web controler. aegis' AV over IP solutions includes 2 series : 4K resolution in 10G system (4KPROIP) and 1080P resolution in 1G system (AVP).

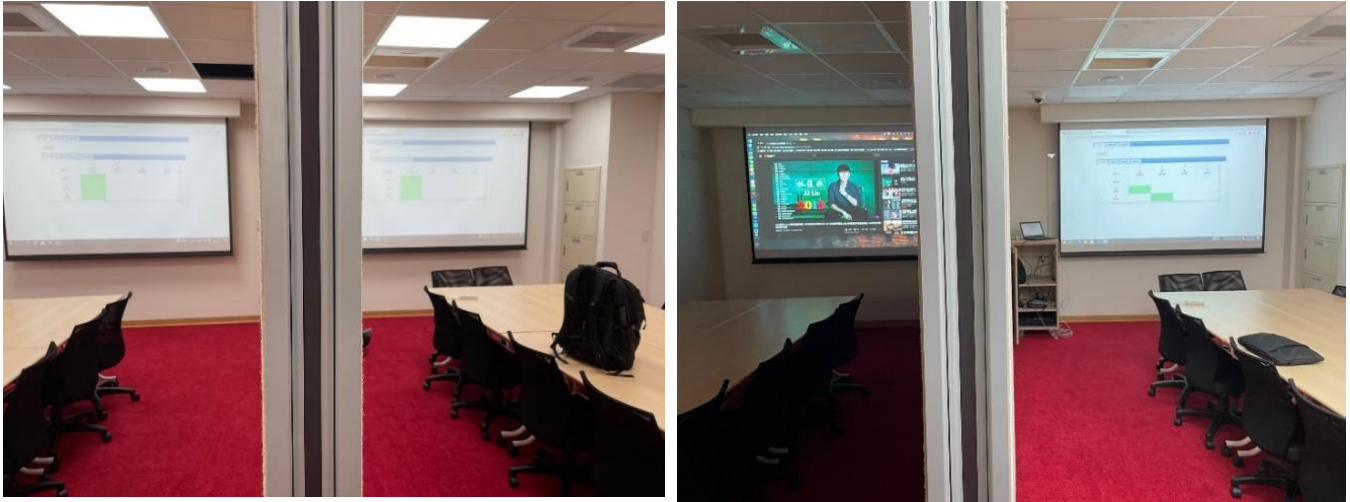
In the case of Rakuten school, it adopts aegis 1080P (1G) as the solution for the large class which join few classroom together. It employs total 2 sets of 1080P (1G) over IP solutions for total 4 classrooms. Each set includes 1 control box, 4 encoders, 2 decoders and a 1G switch. One encoder is placed in a cabine and the other in the floor and a decoder is placed near the ceiling projector in each



classroom. And one control box, notebook and a 1G switch for every 2 classrooms. All encoders, decoders, notebook and control box connect to the 1G switch.

The system is easy to install and just 2 engineers get all done within 3 hours which much less time than expected. And most important thing is that it meets the needs and works very well

Now, Rakuten school can switch the system easily from small to larger class or vice versa. The facility operation for teachers is easy and simple as open the sliding wall between the classrooms!



FEATURES

- Stream HDMI/RS232/IR/USB/ HID signal over IP networks.
- Decoder offers auto scaler with output resolutions supported from 480p@60Hz to 1920 x 1080@60Hz scaling based on the EDID of display.
- Support video wall up to the dimensions of 16 x 16.
- Support matrix switch, Video Wall and Multiview layouts
- Available API interface for third party control system integration, offering control through IP control box (AVP-CBS2-101), PC configurator (HDMIoverIPConsole) and AGS-i Touch on iPad
- Support USB (keyboard/mouse only) pass-through from decoder to encoder.

