Case study

Tusdata

Turkey
Tusdata, a medical training center located in Ankara, Turkey, was planning to move its main facilities to a new location in a high-rise building. In order to continue providing the best medical training in Turkey for physician candidates preparing for placement examinations in the health sciences, the school required a network of online classrooms on five floors, plus a digital signage system across eight floors.
Centralized control and matrix content switching management
Need a central video control and matrix switching system to distribute lecture content and NVR videos in five classrooms.

Intuitive and easy-to-use control interface
Simplicity and ease of operations for staff.

HDMI and VGA connectivity
Four projectors in every classroom with HDMI and VGA support throughout.

Signal extension
Long-distance high-definition video for independent digital signage system across eight floors.
Superior 1080p video over IP
Stable and low-latency 1080p video delivered in a matrix configuration across multiple locations at long distances over Ethernet.

Flexibility and scalability
ATEN video over IP solution offers great flexibility to transmit content where you want by breaking location and distance limitations. The system also offers unlimited future expansion.

Easy centralized control
ATEN Control System provides direct, effortless centralized control and matrix switching of multiple video sources in 5 classrooms and displays on eight floors via a tablet.

Daisy chaining to extend further
Expand AV network coverage without cable clutter or consuming extra network switch ports.
Five classrooms with identical installations connect via the ATEN Video over IP system to enable a matrix of content distribution when there are high numbers of students.
Deliver visually lossless video content and provides centralized management of digital signage across 8 floors without distance limitations.
### Products

**VS0108HA**

8-Port 4K HDMI Splitter
- 1 HDMI input to 8 HDMI outputs
- Up to 4096 x 2160 @60Hz
- Bi-directional RS-232 control
- EDID Expert
- Rack-mountable

**VS98A**

8-Port VGA Splitter
- 1 VGA input to 8 VGA outputs
- Up to 1920 x 1440 @ 60Hz
- Support 350MHz bandwidth

**VC180**

VGA/Audio to HDMI Converter
- Dual power support
- Automatic detection of input video signals

**VK2100**

Control Box
- Various interfaces: 6 Serial ports, 4 IR/Serial ports, 4 Relay channels, 4 I/O channels, 1 Ethernet port
- KNX compatible
- Expansion boxes and keypads available

**VE8900**

HDMI over IP Extender
- 1080p @ 60Hz
- Daisy chain
- Support vertical displays
- Integrates with ATEN Control system
- Touch screen support (USB)
- IR, serial bi-directional by-pass