

欢迎各位领导莅临视察指导



Military School  
Multi-Purpose Meeting Space

## Military School/Multi-Purpose Meeting Space



### About Military School

This military school in Beijing is a central educational institution. The school needs a cutting-edge multi-function meeting space for academic exchanges and video conferencing meeting or seminars.



## Key Customer Requirements

-  Unified management of various interfaces and various formats along with seamless switching between multiple video signals
-  Multiple device integration with high compatibility, including video conferencing systems, LED displays, TV, monitors, video recorders, and sequence power supply
-  Must provide an easy-to-use interface for quick modifications and reduce risk of meeting disruption due to human error



# The ATEN Solution

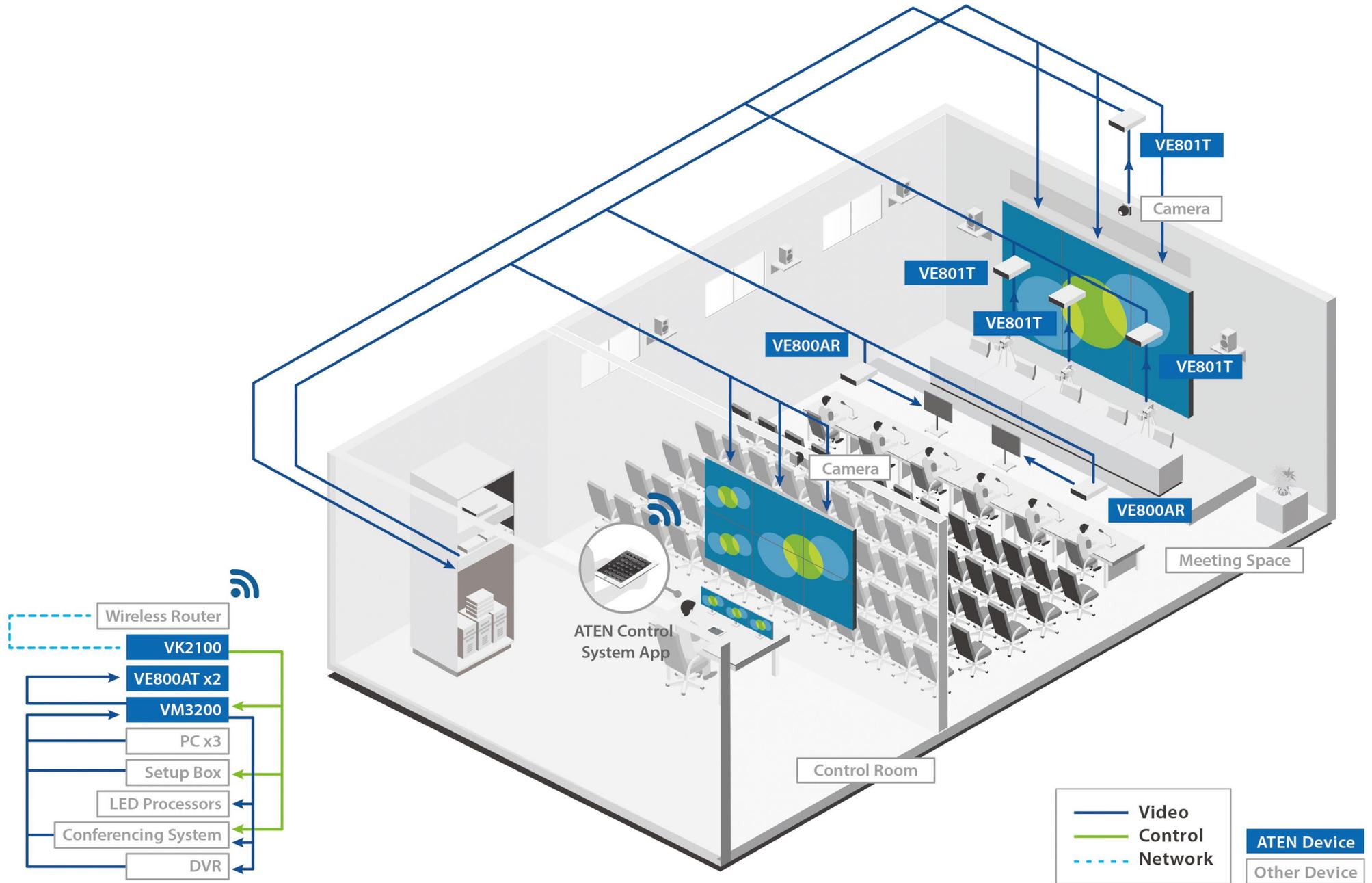
- ✓ Modular Matrix Switch with great flexibility and compatibility of multiple input/output signal formats
- ✓ The Scaler function ensures high-definition display at each terminal, and seamless switching can ensure continuous and stable signal transmissions
- ✓ Intuitive GUI interface from Control System for easy adjustment of the layout of the video wall; simplified installation program that enhances cost effectiveness
- ✓ The EDID mode can provide the best resolution across different screens

The ATEN Control System, incorporating the VK2100 (ATEN Control Box), the VK6000 (ATEN Configurator) and the ATEN Control System App, provided the military school the centralized control and ease of use that they required. The VK2100 Control Box works as the main controller that provides connectivity to all the hardware devices found in a room. After connecting the hardware, the VK6000 Configurator software provides simple setup of the devices with an easy 4-step configuration. When the VK2100 is connected to an Ethernet network, the ATEN Control System App lets you use a mobile device to control all the hardware devices in different rooms based on your preferences.

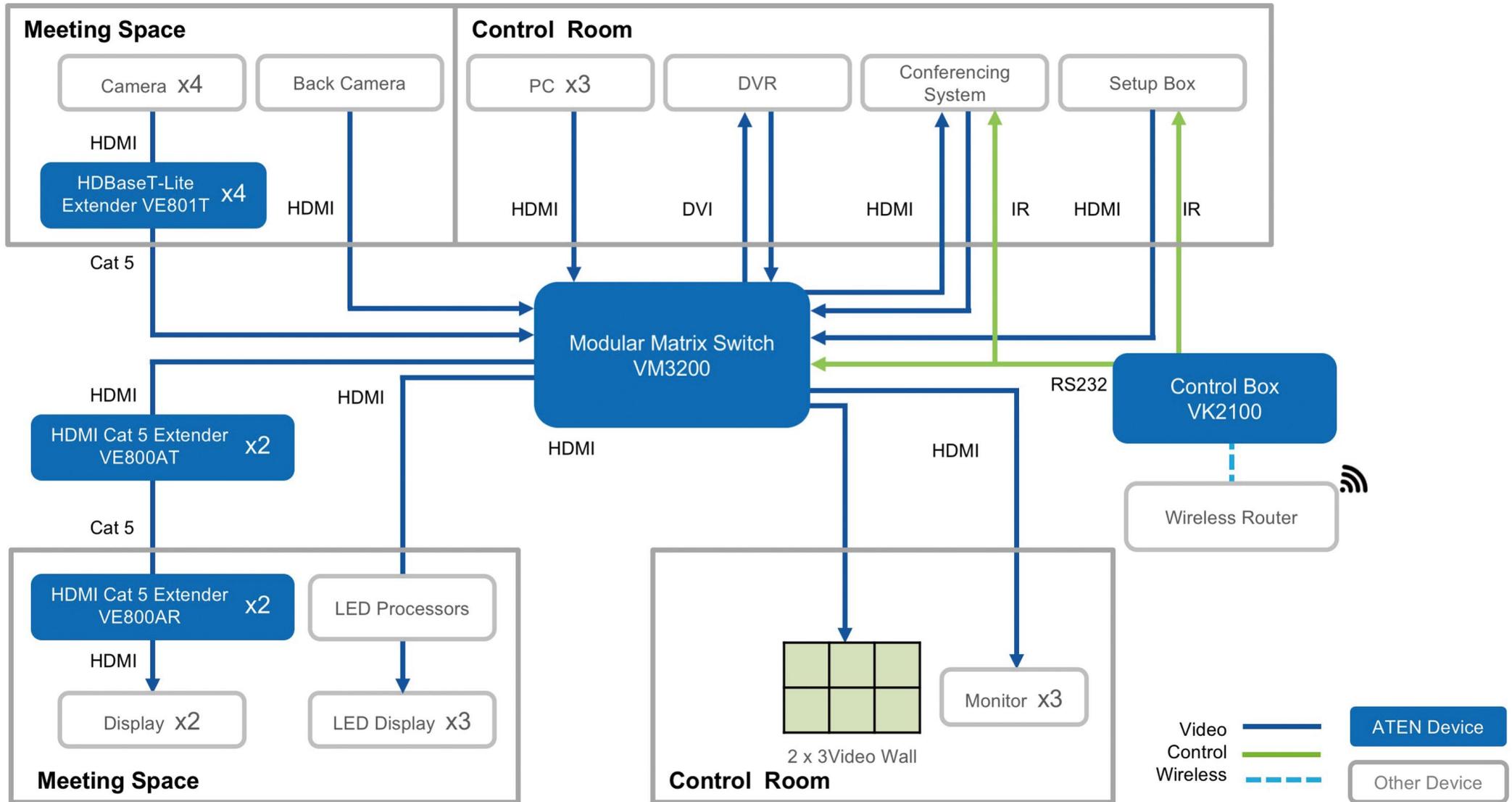
The VM3200 Modular Matrix Switch offers advanced access and real-time control of multiple local and remote AV input devices and displays from a single chassis, which more than satisfied the school's needs in terms of managing various interfaces and formats. The VM3200 allows users to independently switch and route video and/or audio content directly to various monitors, displays and speakers simply by pressing front panel pushbuttons. The built-in Scaler function ensures each screen can display properly, and seamless switching can ensure stable signal transmissions. Furthermore, the front panel LCD shows a quick view of active port connections and an option to select an EDID Mode that yields the best resolution across different monitors.



# Perspective Diagram



# Solution Architecture Diagram



# Product



## VM3200 32 x 32 Modular Matrix Switch

- Connects any of 32 video sources to any of 32 displays
- Video wall - allows you to create custom video wall layouts via intuitive web GUI
- Seamless Switch™ – provides continuous video streams, real-time switching and stable signal transmission



VM7514

## 4-Port HDBaseT Input Board



VM7804

## 4-Port HDMI Input Board



VM8804

## 4-Port HDMI Output Board with Scaler



VM7604

## 4-Port DVI Input Board



VM8604

## 4-Port DVI Output Board with Scaler



# Product



## VK2100 ATEN Control System - Control Box

- RS 232
- IR
- Relay
- Ethernet Protocol



VE800A

## HDMI Cat 5 Extender (1080p@40m)



VE801T

## HDMI HDBaseT-Lite Transmitter (4K@40m) (HDBaseT Class B)





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