



Multifunction Showroom
Supported by ATEN Modular Matrix and Video Extender Solutions



Corporate

Case study

Epson Showroom

Taipei

“ ATEN products have passed internal verification and compatibility tests at Epson Headquarters and the brand is what we recommend to customers. Therefore when we are planning for AV equipment, ATEN is our first choice. ”

Fan-Chuan Lin, Manager,
Epson Image Technology Business Group

About Epson

Epson is a Japanese electronics company headquartered in Nagano, and one of the world's largest manufacturers of computer printers, and information and imaging related equipment. Epson wanted to establish a high-end showroom in Taipei to showcase its flagship projectors with various interactive applications for its customers in Taiwan.

Requirements

- Need to switch between multiple AV source devices (including Blu-ray players, game consoles, PCs) for multiple output signals in a matrix configuration.
- Required real-time switching to ensure a smooth interactive experience for customers in the classroom and meeting space.
- Need to transmit multiple AV signals over long distances to multiple projectors, including signals at 4K resolution, without any loss of quality.
- The showroom is open for long hours and the equipment needs to keep running stably.



Benefits

- **Highly Integrable Solution**

ATEN VM1600 not only supports a wide variety of input sources, but also has great flexibility, providing of the ultimate in convenience for system maintenance.

- **Seamless Switch™ for Stunning Video Wall**

Real-time control and zero-delay switching between multiple sources ensures an optimized showroom demo experience.

- **Stable 4K Long-distance Extension via HDBaseT**

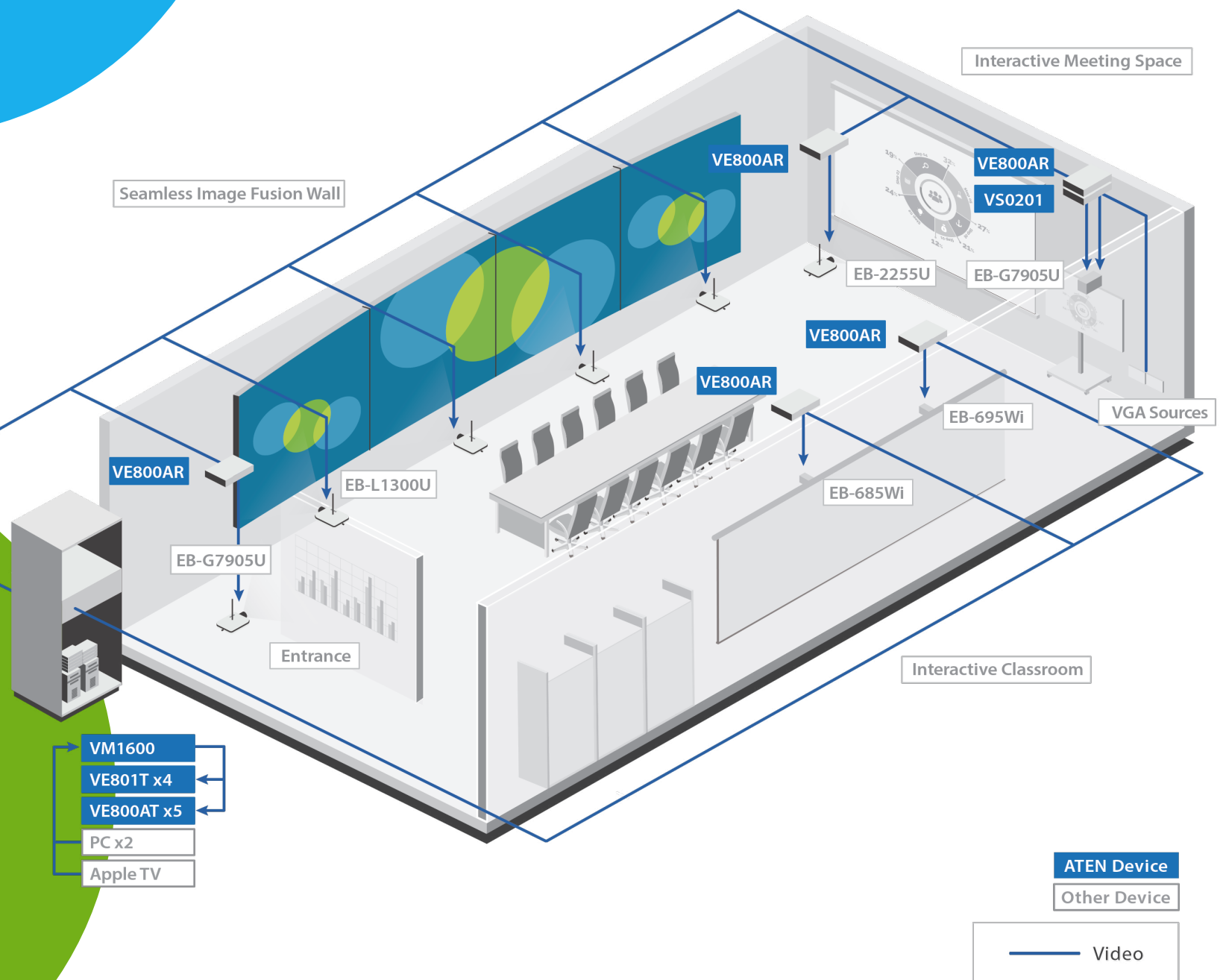
ATEN HDBaseT extenders not only provide uniform quality at resolutions up to 4K over long distances, but also provide great flexibility for customer system deployment.

- **Reliable Performance, Proven Compatibility**

With its redundant power and modular design, the VM1600's stable product performance and high level of proven compatibility made the ATEN solution a confident choice for Epson.



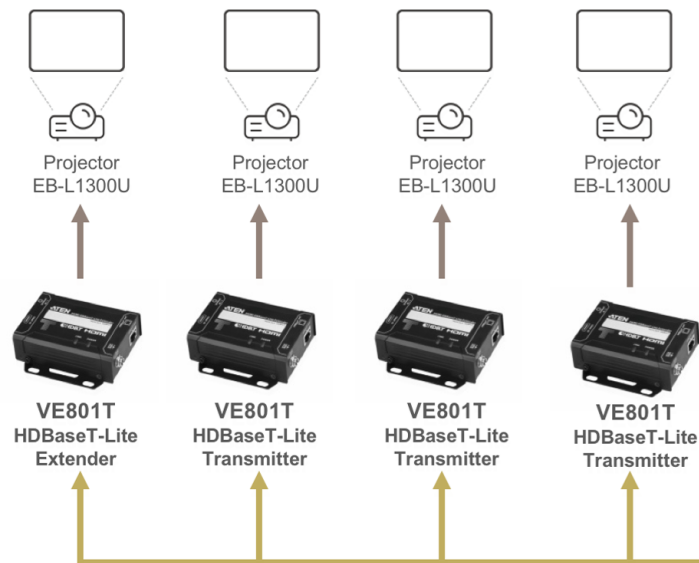
Perspective Diagram



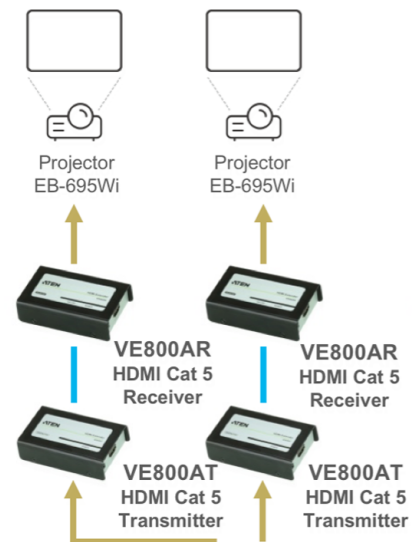
The Epson showroom has an area of around 230 m² with multiple projectors installed in the ceiling and in areas located at various distances from the server room.

Connection Diagram

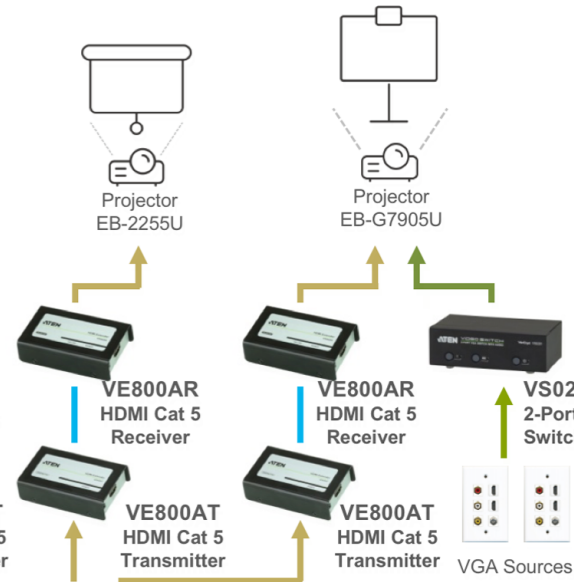
Seamless Image Fusion Wall



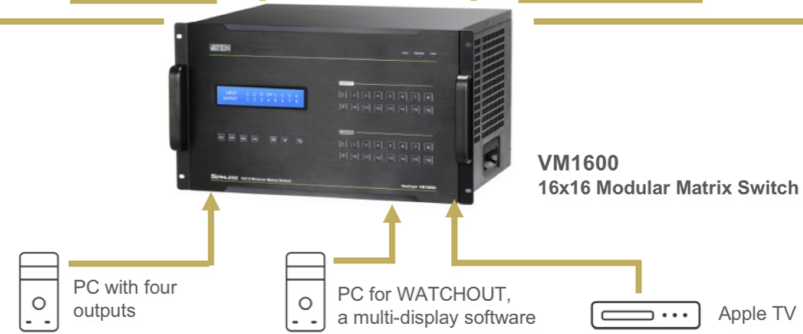
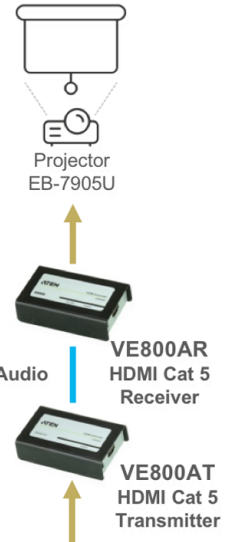
Interactive Classroom



Interactive Meeting Space



Entrance



Products

VM1600

16 x 16 Modular Matrix Switch

- Up to 4096 x 2160
- Seamless Switch™
- Calendar-based scheduling
- Video Wall and Scaler function
- Control via Web GUI, RS232, Telnet



VE801T

HDMI HDBaseT-Lite Transmitter

- Up to 4096 x 2160 @ 40m
- HDMI over a single Cat 5e/6a cable
- HDCP 2.2



VE800A

HDMI Cat 5 Extender

- Up to 1920 x 1200
- HDMI over a single Cat 5e cable
- HDCP Compatible



VS0201

2-Port VGA/Audio Switch

- Up to 1920 x 1440
- 2 x 1 VGA I/O connections
- Auto Switch
- Control via pushbuttons, IR, RS-232





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