



It is **your**  
Demo and Training Center

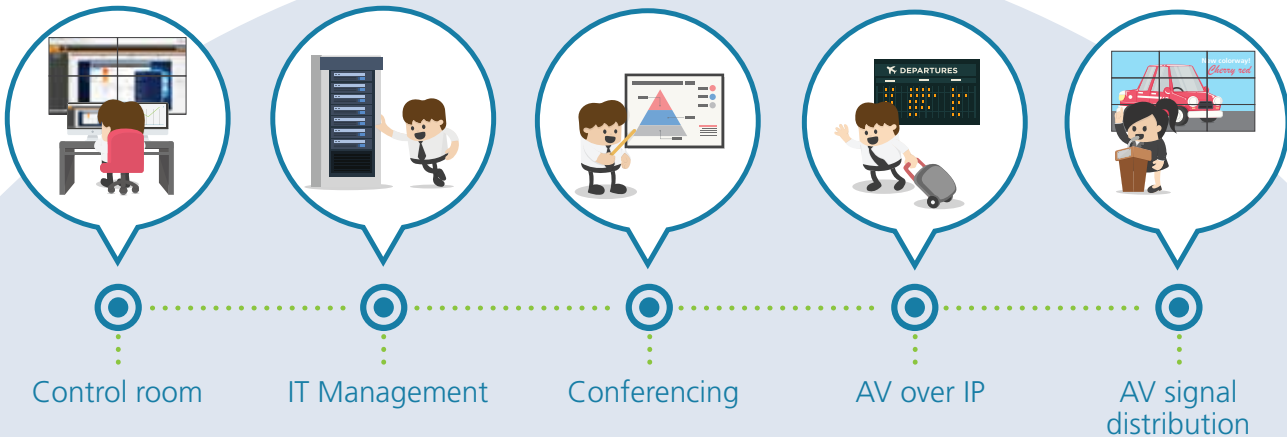


[www.aten.com/milan](http://www.aten.com/milan)

# Permanent collection and monthly novelties

The ATEN Demo and Training Center in Milan holds a permanent collection of products. The current collection presents 5 live scenarios, each supported by one or more ATEN products. As our R&D department launches new products on a monthly base, these scenarios are regularly accompanied with temporary novelties and request-based samples.

ATEN develops hardware for pro AV and IT distribution and central management since 1979. You can find ATEN almost everywhere in your daily life, which we demonstrate in the different scenarios.



# Our demo and training center is **yours**.

Consider this Demo and Training Center as yours. We are open for visit each day of the week. You can come in group or as an individual. Simply register to one of our monthly trainings, request a custom session or schedule an appointment. Inform us if you like to bring your own gear, so we can dedicate some time for live testing.

What can you expect during the monthly trainings? These sessions will handle the 5 scenarios from a technical as well as market perspective. You will have the chance to experience the models in-depth in a live environment. We can adjust the training to your knowledge level, rendering it either introductory or advanced.

We encourage you to make requests and tell us more about yourself. Together we can work out a schedule dedicated to your situation. Ofcourse, you can also just visit to share coffee over lunch.

“We advise system integrators to invite customers or partners for a demonstration, when they offer ATEN solutions in their projects.”

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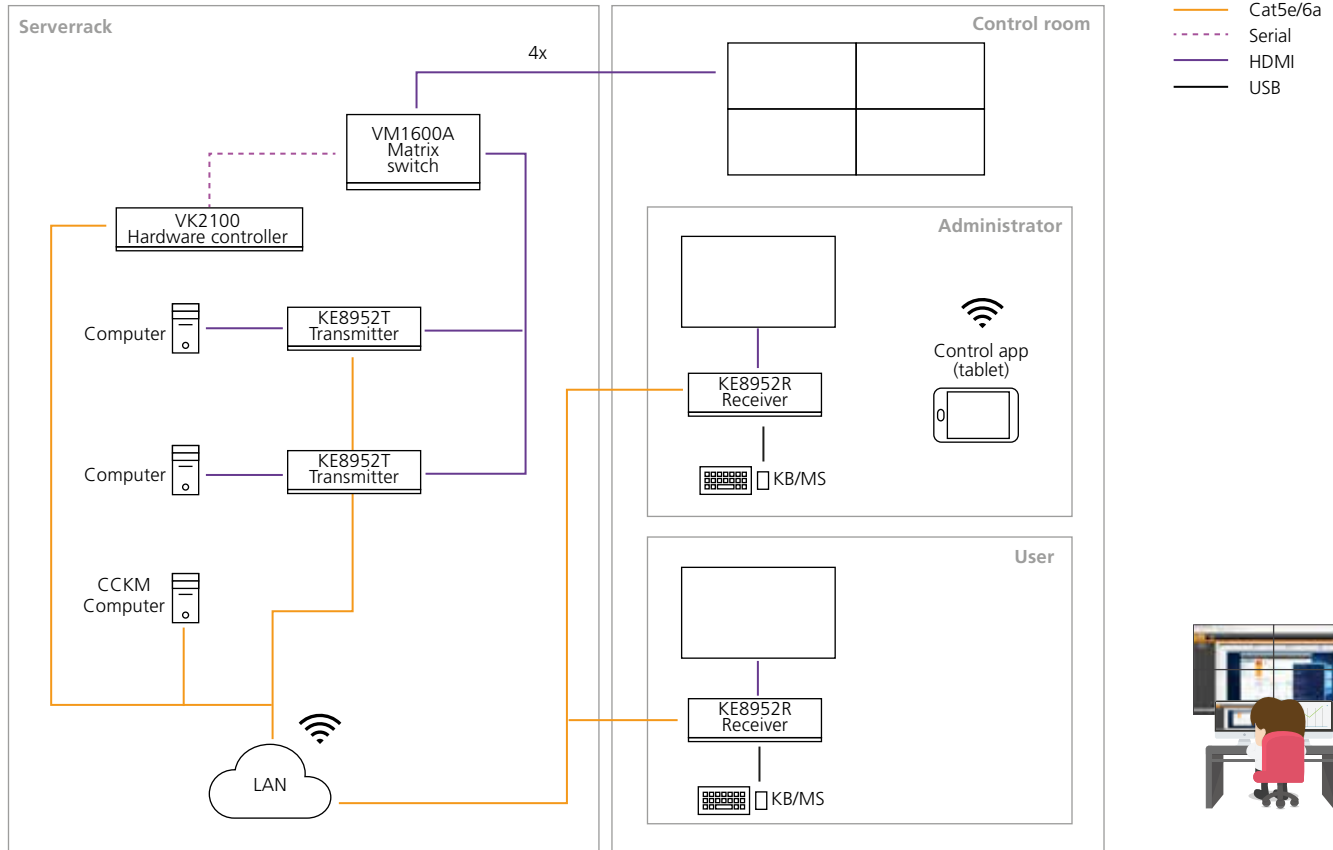
# Scenario 1

## Surveillance and control rooms

The finest details can make the difference in your control room. ATEN provides complete control room hardware solutions, combining KVM and AV matrix switches, central hardware control and intelligent energy management.

Control room administrators need to switch seamlessly between a multitude of sources, and push and pull content to workstations and videowalls based on various user rights. ATEN helps you to manage all control room hardware from a centrally managed and custom-designed interface, accessible only to permitted users.

“KVM over IP guarantees workstation flexibility  
in a secure environment.”





KE8952

### **KVM over IP extender**

- push and pull video
- virtual media
- PoE
- unlimited scalability
- optional fiber SFP port
- local and remote console
- fast-switching and low latency
- up to 4096 x 2160 @60Hz4:2:0
- advanced security and user settings
- videowall function (up to 64 displays)
- boundless mouse-switching
- virtual KVM matrix system over LAN (CCKM matrix manager lite software included)



VM1600A

### **Videowall and modular matrix switch**

- dual power (optional)
- rack mountable
- Seamless Switch
- scaling per output
- videowall function
- optional alert per output
- HDMI, DVI-D, HDBaseT, 3G-SDI or VGA boards available
  - up to 4 input and 4 output boards
  - 4 ports per board
- up to 100m with HDBaseT
- remote control: webGUI, serial, Telnet



VK2100

### **Hardware controller**

- various interfaces
  - 6 Serial ports, 4 IR / Serial ports, 4 Relay channels, 4 I/O Channels, 1 Ethernet port
- KNX support
- 2 app licences included
- 4 DC 12V outputs (24W)
- 1 USB port for profile uploading
- optional: expansion boxes, wallplate keypad



CCKM matrix manager

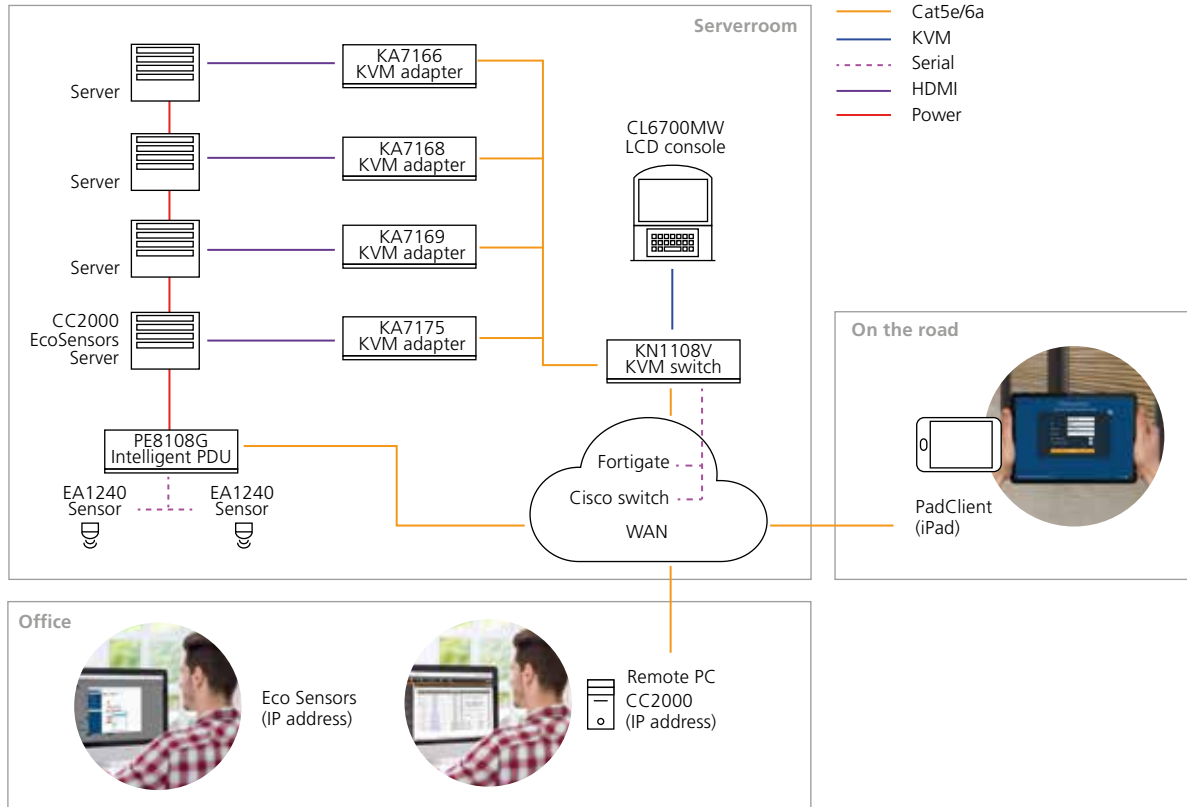
## Scenario 2

### Datacenter, server rooms and desktop solutions

From small to large server rooms and datacenters, ATEN can provide local and worldwide over IP management for IT managers on the road, at home or at the office.

With a single KVM over IP switch, you can manage up to 64 servers at once. Compact, rack-mountable LCD consoles improve server accessibility, while intelligent PDU's help you to keep track of energy usage and critical power alerts.

“KVM over IP enables remote and centralized datacenter access in a secure way.”







CC2000

### Central management software

- task management and scheduling
- single sign-on to manage all devices
- all-inclusive datacenter infrastructure management
- “user database integration with Radius, LDAP and AD”



KN1108V

### KVM over ip switch

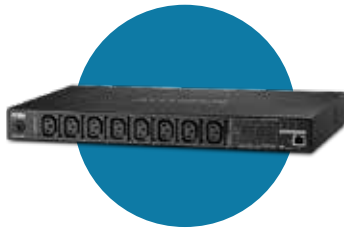
- virtual media
- laptop USB console
- up to 1920 x 1200
- rack mountable, 1U
- intelligent bus assignment
- dual network, dual power
- server access over IP (WAN)
- PadClient for control via tablet
- energy saving fan speed control
- advanced security and user settings
- multilingual and on-screen keyboard
- panel array mode and broadcast mode



CL6700MW

### LCD console

- USB peripherals
- 17,3in, up to 1920 x 1080
- DVI-D, VGA, HDMI
- second console port
- standard depth (58,92cm)
- multilingual keyboard support
- single rail, rack mountable, 1U



PE8108G

### Intelligent PDU metered and switched by outlet

- 15A/10A, 8x C13
- rack mountable, 1U
- environment sensors
- metered and switched
- eco DC management software included
- power consumption monitoring and analysis



EcoSensors: software for remote analysis of your rack's energy and environmental status

# Experience KVM over IP online 24/7

KVM over IP solutions allow you to monitor, access and manage one or multiple computers/servers from any location in the world. Users can log in from a local console or remote workstation by using a web browser, regardless of the platform/operating system used. A KVM solution can be installed as an extra layer of security, preventing first level access to your system.

Experience KVM online: you will find one model for each ATEN KVM over IP category. Download a guide with tips and tricks to experience working remotely on a computer through a KVM switch or control unit with basic user capabilities. Willing to test a KVM switch with all user rights? Pass by our Center in Milan or request a sample.

[www.aten.com/KVM-experience](http://www.aten.com/KVM-experience)



**KN2116VA**  
**Multi-user KVM**  
**over IP switch**



**CL5708i**  
**LCD KVM over**  
**IP switch**



**CS1716i**  
**KVM over IP switch**



**CN8600**  
**KVM over IP**  
**control unit**

## Scenario 3

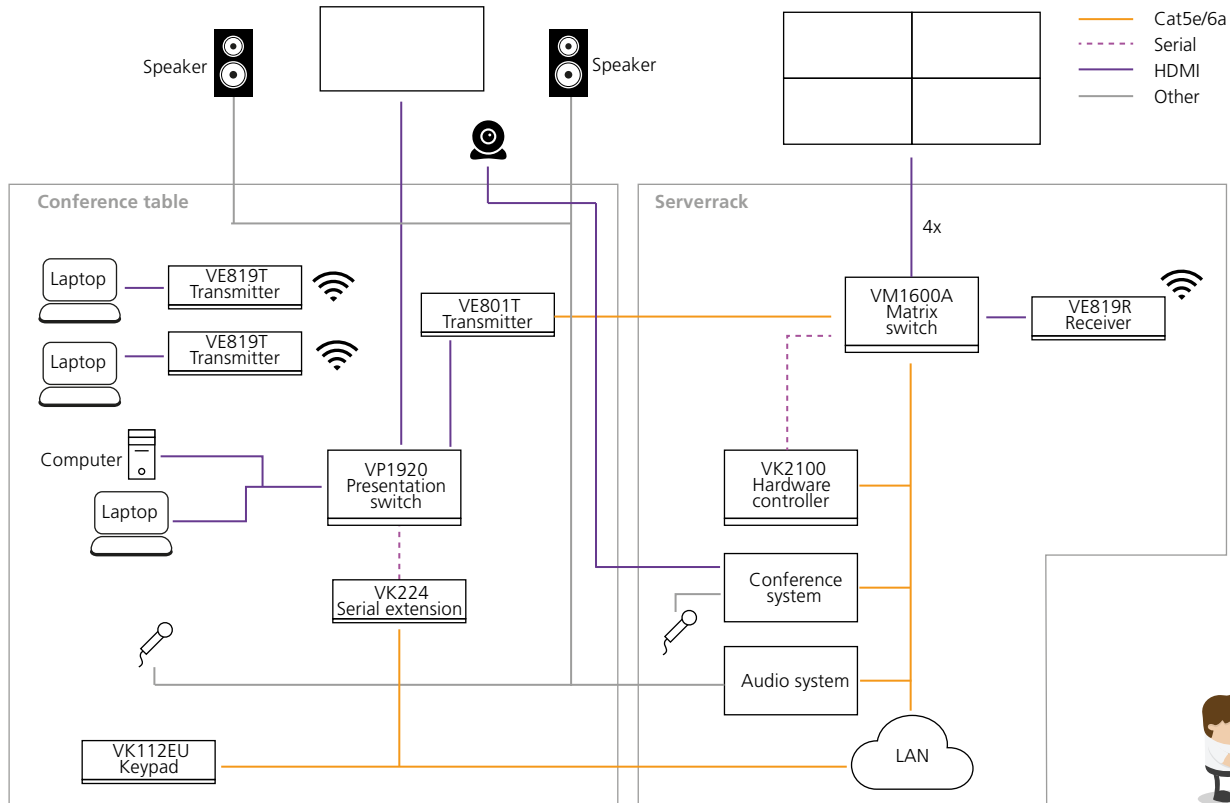


### Conferencing

A new presentation switch series combines multiple interfaces, often needed in meeting and presentation rooms, in a single device. In 2018, ATEN will launch its first presentation switch with IP streaming function. More models will follow soon after.

ATEN central hardware controller, splitters, matrix switches, extenders and converters already are the backbone of everyday huddle spaces, conference and presentation rooms. The new presentation switch series will be another highly professional addition to the team.

“Presentation switchers connect people and let them share ideas easily.”

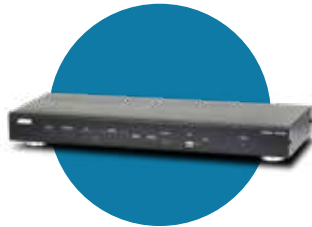




VE819

### Wireless HDMI switch

- up to 10m
- Plug-and-play
- 1x HDMI input
- Up to 1920 x 1080
- low latency < 1ms
- connect up to 4 transmitters to 1 receiver



VK2100

### Hardware controller

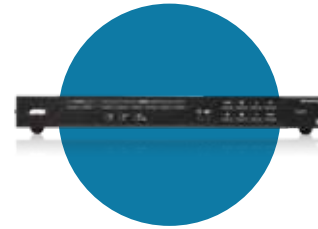
- various interfaces
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- KNX support
- 2 app licences included
- 4 DC 12V outputs (24W)
- 1 USB port for profile uploading
- optional: expansion boxes, wallplate keypad



VM1600A

### Videowall and modular matrix switch

- dual power (optional)
- rack mountable
- Seamless Switch
- scaling per output
- videowall function
- optional alert per output
- HDMI, DVI-D, HDBaseT, 3G-SDI or VGA boards available
  - up to 4 input and 4 output boards
  - 4 ports per board
- up to 100m with HDBaseT
- remote control: webGUI, serial, Telnet



VP1920

### Presentation switcher

- 9x HDMI and combo input
- 2x HDMI output
- fast switching
- auto-switching
- source preview
- multiple audio in/out
- multiple display mode
- independent switching: USB, audio
- control: buttons, serial, OSD, infrared
- 4x USB peripherals, incl. keyboard/mouse



VK112EU wallplate keypad

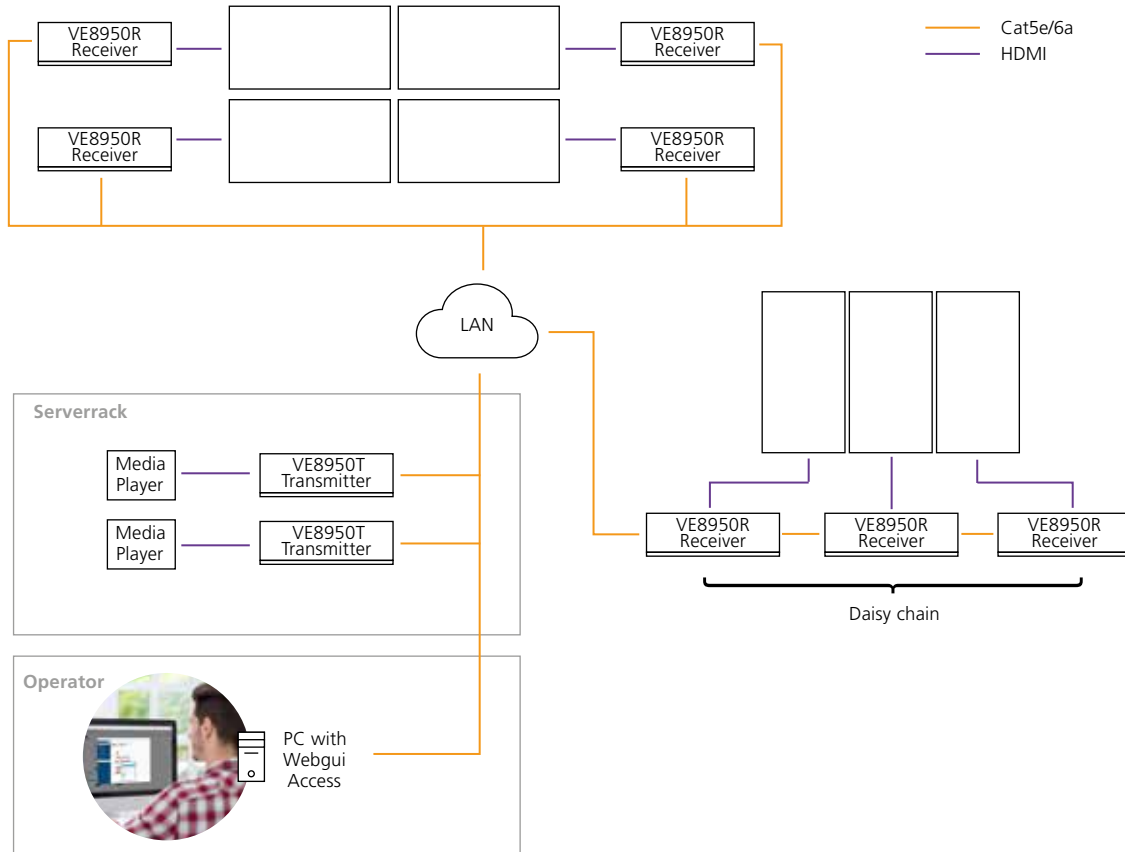


## Scenario 4

### **AV over IP for signage and information in public spaces**

4K over IP extenders allow you to connect multiple 4K sources and 4K displays over long distances in a single digital signage installation. Multiple video sources can be neatly combined. From a web interface, you can push content through custom-designed connection profiles and create videowalls and mirroring displays as you desire.

# "AV over IP centralizes your digital signage and information kiosks."





VE8900 / VE8950

**HDMI over IP extender**

- up to 1920 x 1200 (VE8900)
- up to 4096 x 2160 @60Hz4:2:0 (VE8950)
- daisy chainable
- extra audio channel
- control: built-in webGUI
- USB touchscreen support
- videowall and matrix function
- infrared, serial bi-directional by-pass



VE8900 / VE8950 webGUI



## Scenario 5

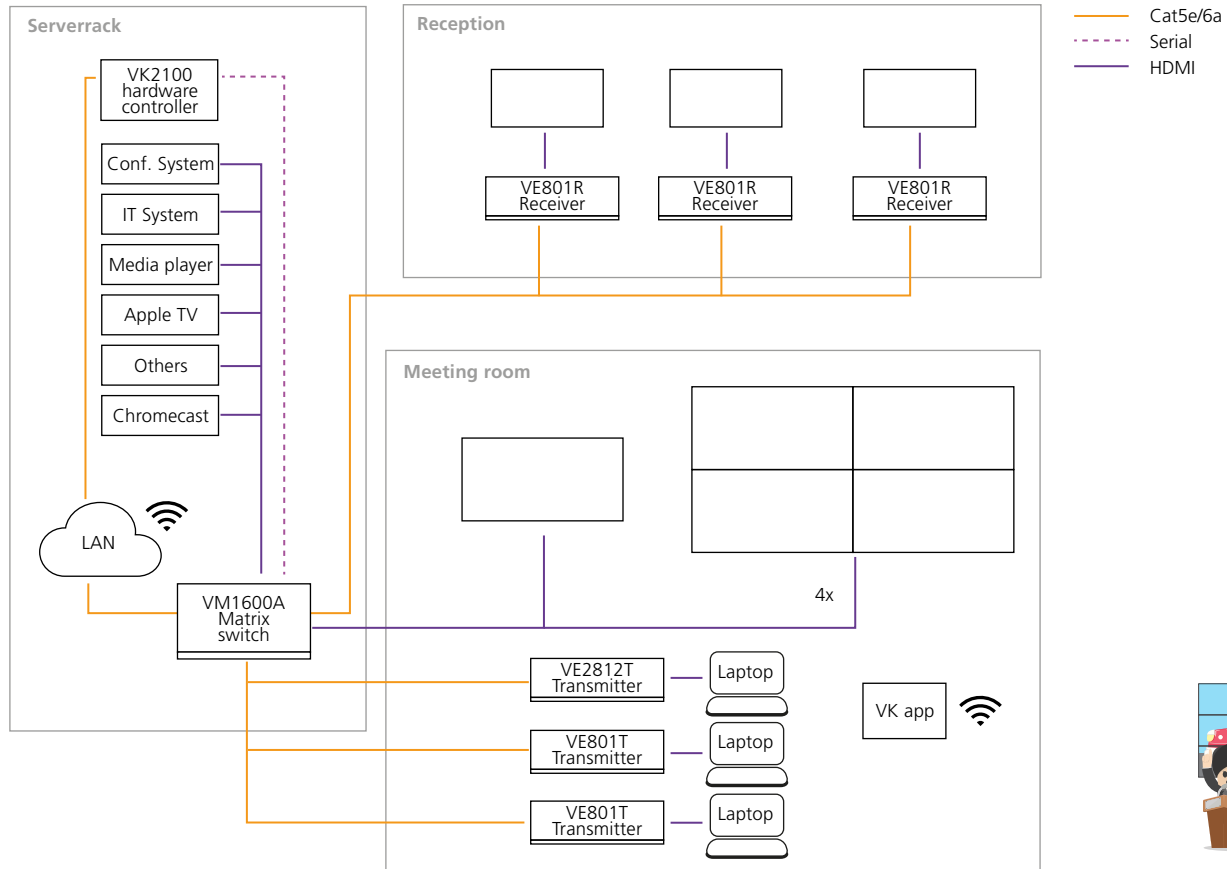


### **AV signal distribution for sports bars, news studios, hotels, ...**

Large campuses such as airports, government institutions, universities, shopping malls,... require excellent information delivery. ATEN hardware AV signal distribution can provide for high quality and long distance distribution. ATEN can combine sources and displays of any kind and operating systems of any type in a single, centrally managed device.

HDBaseT is the one-cable standard for AV and IT connectivity. ATEN is a contributing member to the HDBaseT Alliance. Since 2013, we launched videowall processors, matrix switches, splitters, presentation switches and extenders equipped with the HDBaseT technology.

“Matrix switches connect and distribute what you like to see.”





VM1600A

### Videowall and modular matrix switch

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- up to 100m with HDBaseT
- remote control: webGUI, serial, Telnet



VE801

### HDBaset HDMI extender

- HDCP & CEC support
- HDMI over a single Cat5e/6A cable
- up to:
  - 4096x2160 (40m)
  - 1920x1080 (70m)

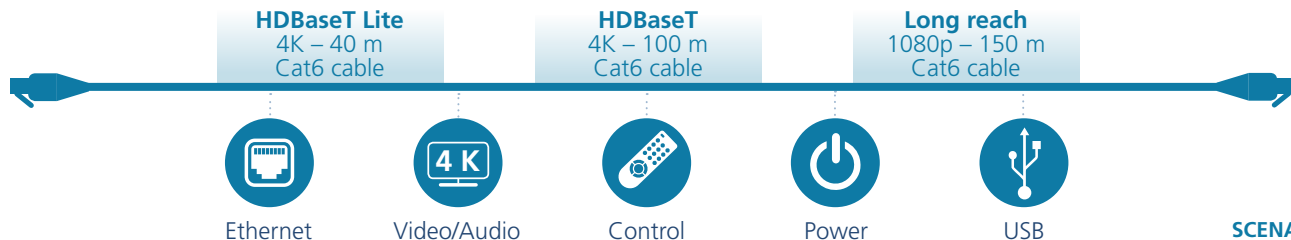


VE8212T

### HDMI / VGA HDBaseT Transmitter

- auto switching
- HDCP support
- HDBaseT (Class A)
- control via RS-232
- long reach mode
- RS-232, CEC, infrared pass-through
- HDMI, VGA (with audio) over a single Cat5e/6A cable
- up to:
  - 4096x2160 (100m)
  - 1920x1080 (150m)

HDBaseT is the one-cable standard for AV and IT signal distribution.





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