



Three control rooms for city surveillance

supported by ATEN's combined KVM and AV signal distribution forces.

Case study

Governmental



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"ATEN goes beyond the videowall processors. The KVM matrix system offered the extra mile of flexibility that our operators need in their daily operations."

- Ing. Corrado Biava, Director of 1st Area TLC Piemonte and Valle d'Aosta, State Police

Requirements

- **Mass media distribution:** Multiple videowalls installed in three different control rooms
- **Remote access:** operators can access any of the computers, which are stored safely in a separate server area.
- **Easy to manage:** operators without any technical knowledge need to be able to control the videowall in each control room.

Benefits

- **Central control** – VK2100 hardware controller is compatible with any commonly used hardware device, allowing central control via a dedicated, custom-designed interface.
- **Modular** – VM3200 modular matrix is compatible with many commonly used interfaces and Seamlessly connects a large amount of screens and sources.
- **User rights** – KE matrix system takes into account several authority levels.

KVM over IP extender

KE6900 / KE6940

- RS-232 support
- USB, DVI-I console
- Dual display (KE6940)
- Up to 1920 x 1200 @60Hz
- advanced security and user settings
- Virtual media, microphone, speakers
- videowall capability up to 8 by 8 displays
- Centralized management with CCKM Matrix Manager software



Hardware controller

VK2100

- Easy 3 step setup
- Several expansion boxes
- USB port for easy profile upload
- Advanced customizable GUI design
- Compatible with 10,000+ hardware devices
- Various interfaces: serial, infrared, relay, I/O, Ethernet, DC 12V



Modular matrix switch

VM3200

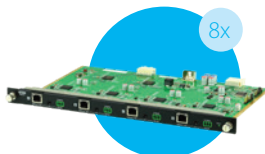
- Real-time preview
- Content scheduling
- Dual power supply
- Rack mountable, 9U
- 32 in- and 32 output ports
- Hot swappable modular parts
- Up to 8 in- and 8 output boards
- Mobile management via WebGUI
- Control via serial, telnet or pushbuttons



DVI input board

VM7604

- 4 DVI-D input ports
- scale up to 1080p



HDBaseT output board

VM8514

- 4 HDBaseT output ports
- Up to 4K@60hz (100m)
- Seamless Switching
- videowall function



HDMI HDBaseT extender

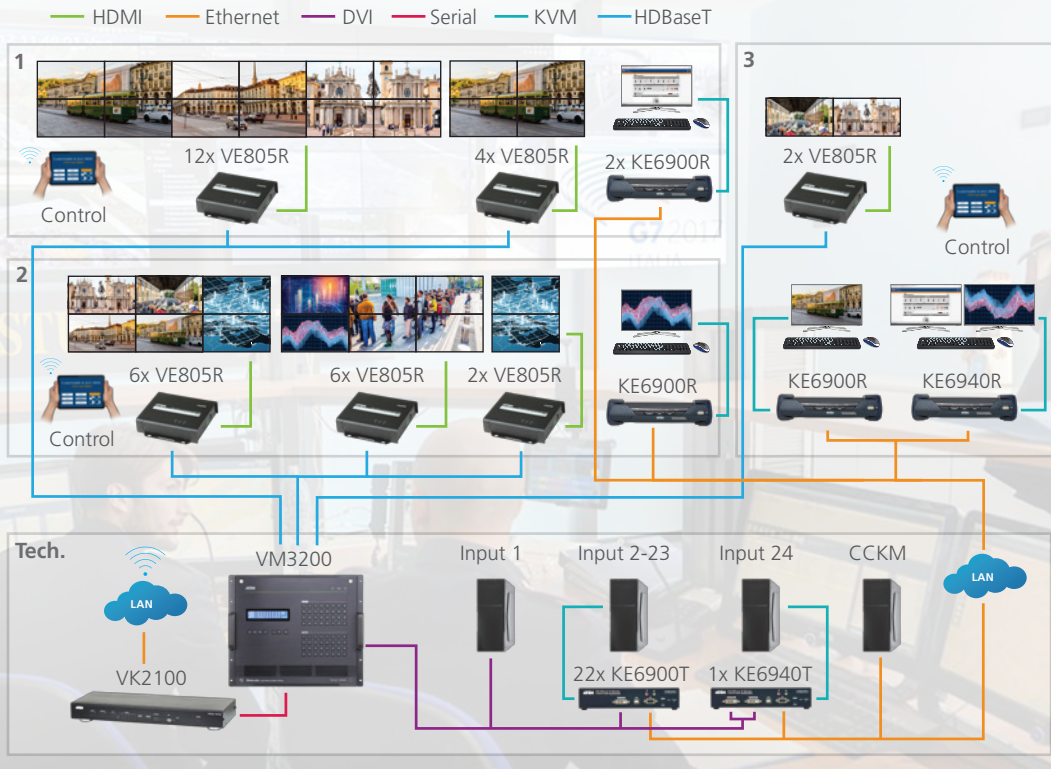
VE805R

- scale up to 1080p
- Seamless Switching
- HDBaseT in, HDMI out
- videowall functionality
- bi-directional RS-232, infrared support

Public and event surveillance, Italy

The State Police in Turin required a new control room to monitor crowd behaviour and detect incidents during large public events. With the help of ErreElle Net, an industry specialist, several videowalls and flexible workstations are setup through ATEN's KVM and AV signal distribution hardware.

ErreElle Net combined the forces of a hardware-based videowall processor with flexible workstations powered by a virtual KVM over IP matrix system, and a hardware automation system. The State Police in Turin has since been able to improve its operational flexibility providing operators eyeballs on different urban areas, allowing them to inform agents in the field in no-time.



Do you have a similar installation or project?
Contact sales@aten.be, our pre-sales team would be glad to assist you.