

A leading world-renowned manufacturer of luxury sports vehicles uses an ATEN KVM Matrix solution in their Emission Control Centre.

Secured and controlled access for multi-operator via ATEN KVM Matrix Solution

Overview: Vehicle Manufacturer



A leading car manufacturer relies heavily on high-end analytical systems to ensure each vehicle is compliant with all export markets. Analytical servers monitor the emissions from each tested vehicle, breaking down the data to accurately record each tested vehicle and provide an individual report. The end result is ensuring that each vehicle meets the emissions targets in each export market. Most important is that all traces of toxic chemicals are fully identified and within safe levels. If any vehicle that arrives in the export market is deemed legally unsafe then the testing facility must provide the test report along with a recorded log of the testing procedure.

This leading company continuously invests in their IT infrastructure to ensure compliance at all times. Exporting a vehicle without a trusted testing method will have a negative impact on the global brand.

The company is looking for a solution to meet the following requirements:

Multi-operator access:

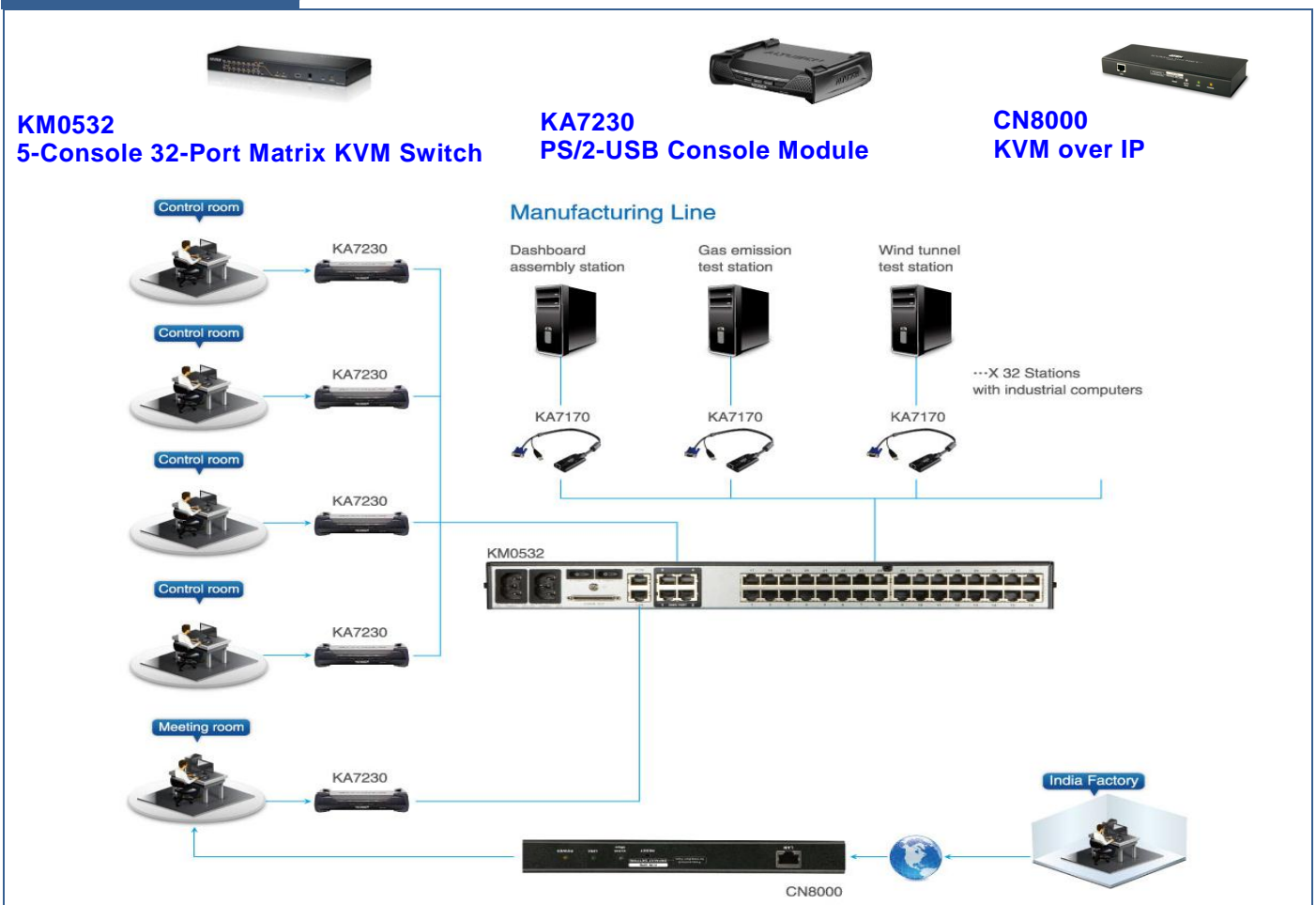
Consolidate remote monitoring and remote control methods for various types of analytical server. Remote access over TCP/IP Ethernet network from the control center when requested by Global HQ and world-wide compliance officers.

Secured and controlled access:

The control room supervisor needs to manage the access to every analytical server to ensure internal compliance. Each operator shall have access to only the servers that they require to avoid tarnished results. Access to every server shall also be recorded.

Solution

ATEN KVM Matrix Solution



Benefits

- **Space saving-** priests can perform their duties more efficiently and better serve their parishioners
- **Highly Secure-** Three-level password security: Super Administrator, Administrator, User
- **Logged access-** Supports ATEN Log Server and Syslog Server
- **Remote access-** Users can access servers from many locations, including different testing rooms and India factory.

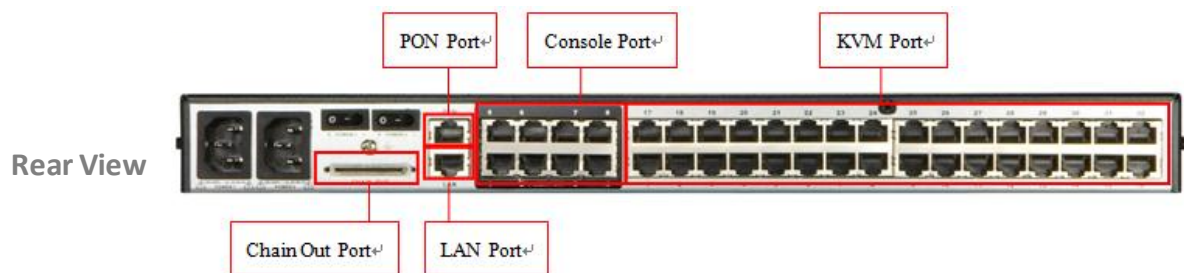
Features

KM0532

5-Console 32-Port Matrix KVM Switch



- Console expansion support – allows up to 18 consoles to access the servers on the installation by connecting servers with the KA7178 Dual Output KVM Adapter Cables or via a Dual Root configuration
- Multiplatform support: PC, Mac, Sun, and Serial Console access
- Composite tree view - all connected devices are integrated in a single device tree for convenient management access and control
- MultiView supports grouping for single port access to a computer connected to multiple ports utilizing multiple video cards
- Broadcast support enables executing the same command on multiple servers at the same time
- Power Over the NET™ integration for power control
- Virtual Media support lets you map storage media to servers that are connected to the switch allowing operators to conduct file transfers, install applications and OS patches, and perform diagnostics from a single console
- Superior video quality – 1280 x 1024 @ 60 Hz for up to 300 m



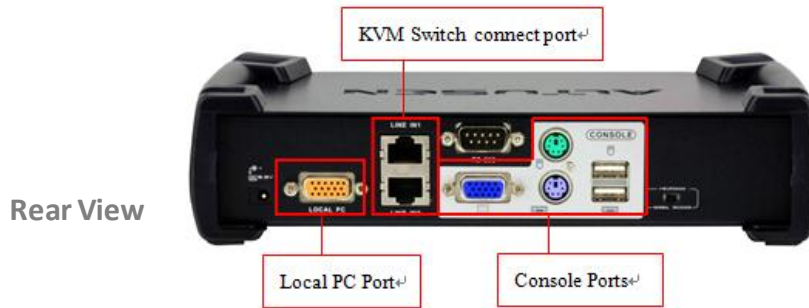
KA7230

PS/2-USB Console Module



- One Combo Graphic Console Module can control one local computer and one matrix KVM switch (KM0932/KM0532)
- Supports PS/2 and USB keyboards and mice (Console)
- Switch between your workstation computer and the matrix KVM switch
- Graphical OSD: intuitive, easy-to-use graphical On Screen Display to manage servers
- RS-232 port login support permits an administrator to control the KVM port access for all consoles connected to the switch – any console can be assigned to access any KVM port from a single interface point
- Superior video quality – 1280 x 1024 @ 60 Hz for up to 300 m
- Convenient computer selection via intuitive hotkey combinations or graphical OSD menus

- Firmware upgradeable



CN8000
KVM over IP



- Supports PS/2,USB, Sun Legacy (13W3) 2 and serial (RS-232) connectivity
- Local console provides PS/2, and USB keyboard and mouse support
- Up to 64 user accounts – up to 32 users share the control simultaneously
- End session feature – administrators can terminate running sessions
- Event logging and Windows-based Log Server support
- PPP mode (modem) dial-in/dial back/dial out support for out-of-band and low bandwidth operation
- Browser-based and AP GUIs offer an unified multi-language interface to minimize user training time and increase productivity
- Multi-platform client support (Windows, Mac OS X, Linux, Sun)
- Browser-based UI in pure Web technology allows administrators to perform administrative tasks without requiring a pre-installed Java software package
- Flexible encryption design allows users to choose any combination of 56-bit DES, 168-bit 3DES, 256-bit AES, 128-bit RC4, or Random for independent keyboard/mouse, video, and virtual media data encryption

