

# Astana Media Center deploys ATEN KVM Solutions to better manage IT infrastructure for entire broadcasting workflow



## Overview

Central Asia's largest media center was opened in Astana, the capital city of Kazakhstan. The media center occupied 80 thousand square meters of space, equipped with modern facilities serving for various types of studios - broadcast channel, television program, social program, news submission, and five large movie theaters. The ever increasing automation of production control and broadcasting brings more and more content stored on media servers, to be edited and ready to be played out on demand, and highly relies on different applications to manage the complex workflow. These media servers and application servers are located in one large server room housing approximately two hundreds servers and in six smaller server rooms hosting another two hundreds. Therefore, they require a solution to efficiently manage the huge amount of IT equipment in use.

## ATEN Solution



**KN2140v**  
40-Port KVM  
Over the NET™

- High port density – up to 40 ports in a 1U housing
- Two separate buses for remote KVM over IP access
- Virtual Media Support



**KL1100**  
Dual Rail LCD  
PS/2-USB Console

- A LCD monitor KVM console in a Dual Rail housing to be used in conjunction with KN2140v
- Dual rail design allows LCD monitor and keyboard/touch pad modules to operate independently



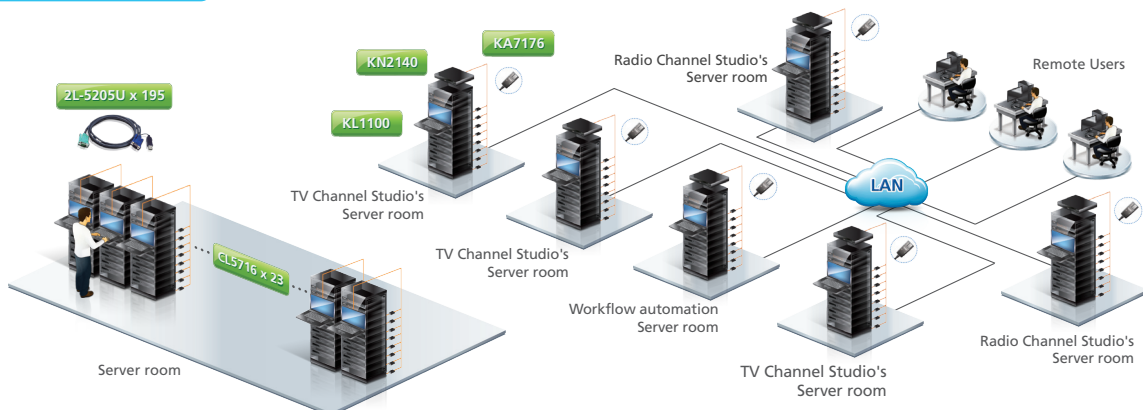
**CL5716**  
16-Port LCD  
KVM Switch

- CL5716 is chosen to be used in the large server room instead of KVM over IP due to security concern
- Space-saving design to integrate 16-port KVM switch with LCD monitor KVM console in a 1U housing

## Benefits

- Remote KVM over IP access of multiple servers by multiple users to save time, effort and cost
- Virtual media support for flexible maintenance and software update remotely
- High port density and space-saving housing design to optimize rack capacity

## Solution Setup



Features

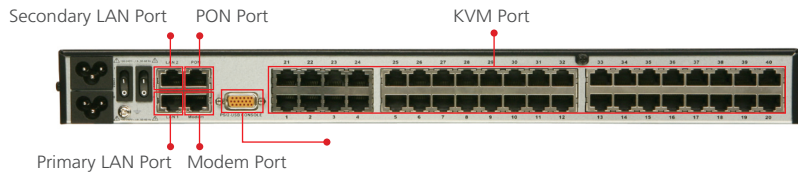


**KN2140v**

**40-Port KVM Over the NET™ - 1 local / 2 remote user access**

- Supports multiplatform server environments: Windows, Mac, Sun, Linux and VT100 based serial devices
- Panel Array Mode available to both local console operators and remote access users

▶ Rear View

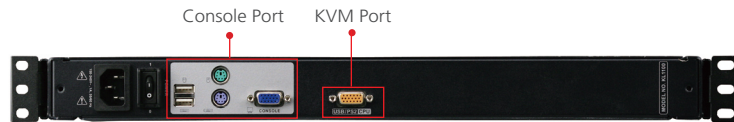


**KL1100**

**Dual Rail LCD PS/2-USB Console**

- Compatible with all ATEN KVM switches and most KVM switches in the market
- DDC emulation - video settings of each computer are automatically adjusted for optimal output to the monitor
- Multiplatform support: Windows 2000/XP/Vista, Linux, Unix, Novell, Sun, FreeBSD

▶ Rear View

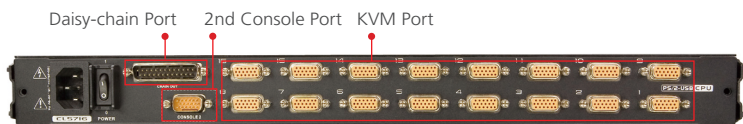


**CL5716**

**16-Port LCD KVM Switch**

- Keyboard and mouse emulation (PS/2 and USB) for smooth switching and simultaneous booting of multiple computers even when the console focus is elsewhere
- Multiplatform support – Windows, Linux, Mac, and Sun
- LCD module USB port allows each computer to access USB peripherals

▶ Rear View



**2L5205U**  
USB KVM Cable



**KA7176**  
USB Virtual Media KVM  
Adapter Cable with Audio

