

Government

A United States Government Agency Upgrades Their Data Center with ATEN KVM Solutions



Challenges

The Agency wanted to add remote IP access to all of the servers in the data center by connecting the KVM to Windows® based servers, Linux®/Unix® servers and some network appliances that needed RS232 or Serial control all in the same box. They needed local rack access, remote access and a high level overview of all devices. Their current solution was limited in distance, offered no remote access and the users had no way to segment privileges based on user rights. This Government Agency also needed a manufacturer or partner to handle the installation of all new devices and provide a detailed training to all internal employees who would be managing the system.

Solution Benefits

- Remote access with domain credentials (KVM and Management Software)
- Multiplatform support (Windows® / Linux® / Unix® / RS232 or Serial)
- Single sign on, single portal, single IP management access
- Add devices to the KVM in an instant
- Easy to operate and limit control of remote users (you choose what users have access to)
- Long cable runs for the installed KVM to efficiently cover multiple racks
- Multi-user access (management software and directly to the KVM)
- Multiple viewing or access modes (port sharing and/or multi outputs on the same screen for the NOC WALL displays)
- Comply with extreme security practices by GOV institutions (FIPS approval)

Products



CL1000M

17 in. Single Rail LCD Console

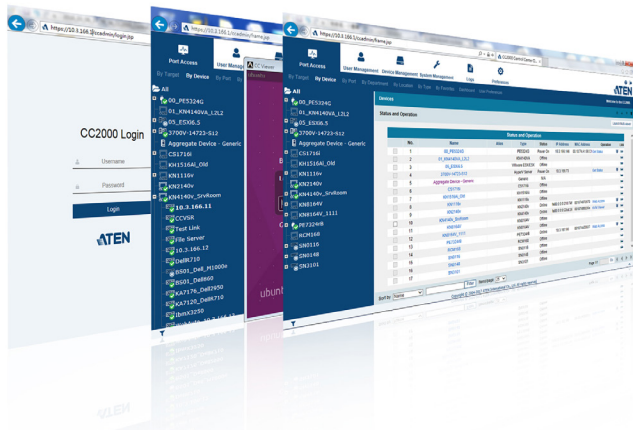
- Exclusive LED illumination light - designed by ATEN to illuminate the keyboard and touchpad to allow visibility in low-light conditions
- Slideaway™ housing is less than 1U - with top and bottom clearance for smooth operation in a 1U high system rack



KN4132VA

1 Local/4 Remote Access 32-Port Cat 5 KVM over IP Switch with Virtual Media (1920 x 1200)

- Advanced FPGA graphics processor – with a Full HD resolution of 1920 x 1200
- ATEN Exclusive Panel Array Mode™ simultaneously monitoring for both local console operators and remote access users
- High-Grade Security – supports FIPS 140-2 level 1 security standards that use an embedded FIPS 140-2 certified OpenSSL cryptographic module (Certificate #1747, #2398, #2473)
- Integration with ATEN CC2000 Management Software
- Remote authentication support: RADIUS, LDAP, LDAPS, and MS Active Directory
- Adapter ID Function: Stores port information allowing administrators to relocate the servers to different ports, without having to re-configure the adapters and switches



CC2000

Centralized Management Software

- Single sign-on to consolidate the management of ATEN's KVM over IP switches, serial console servers, intelligent PDU, and third party devices such as embedded service processor, and physical and virtual servers
- Support Windows AD, LDAP, Kerberos, RADIUS and TACACS+ for centralized authentication and authorization
- Consolidate logs from ATEN's KVM over IP switches, serial console servers, and other devices through syslog protocol for audit trail
- Provide server redundancy through primary/secondary CC2000 servers for service availability



KA7175
USB VGA Virtual Media
KVM Adapter



KA7166
USB DVI Virtual Media KVM Adapter
with Smart Card Support



KA7140
Serial Console Adapter

Connection Diagram

- Keyboard / Video / Mouse
- Cat 5e/6 Cable
- - - Network

