

Efficient Centralized Management of Remotely and Widely Distributed Server Rooms



Scenario: *Rapid Transit Corporation*

To shorten the traveling time and expand the living territory of urban residents, *K Rapid Transit Corporation* was commissioned by the City Government to build and operate a new Mass Rapid Transit (MRT) system that offers a reliable, convenient and comfortable transportation service for residents. For the MRT system's construction, a data center was built at the main station for centralized management of servers performing complex administrative tasks for the

whole system; while 37 server rooms were set up at each MRT station to consolidate servers performing necessary tasks. Thus, the server rooms are widely distributed at different locations, while IT support engineers are located at the data center in the main station. In order to enable IT support engineers to efficiently manage a total of 562 servers (192 servers at the data center; 370 servers located in 37 server rooms across different MRT stations), *K Rapid Transit Corporation* are looking for a stable, secure and efficient management and control solution.

ATEN Solution

After evaluation and testing, *K Rapid Transit Corporation* has adopted an ATEN integrated solution as follows:

KN2132 32-Port KVM Over the NET™



KN2132 allows local and remote operators to monitor and access the entire enterprise data center over the Internet using a web-based browser. With advanced features – Message Board, Panel Array Mode, Mouse DynaSync™ and Adapter ID, the KN2132 allows you to upgrade your IT management efficiency.

CL1000 LCD Console



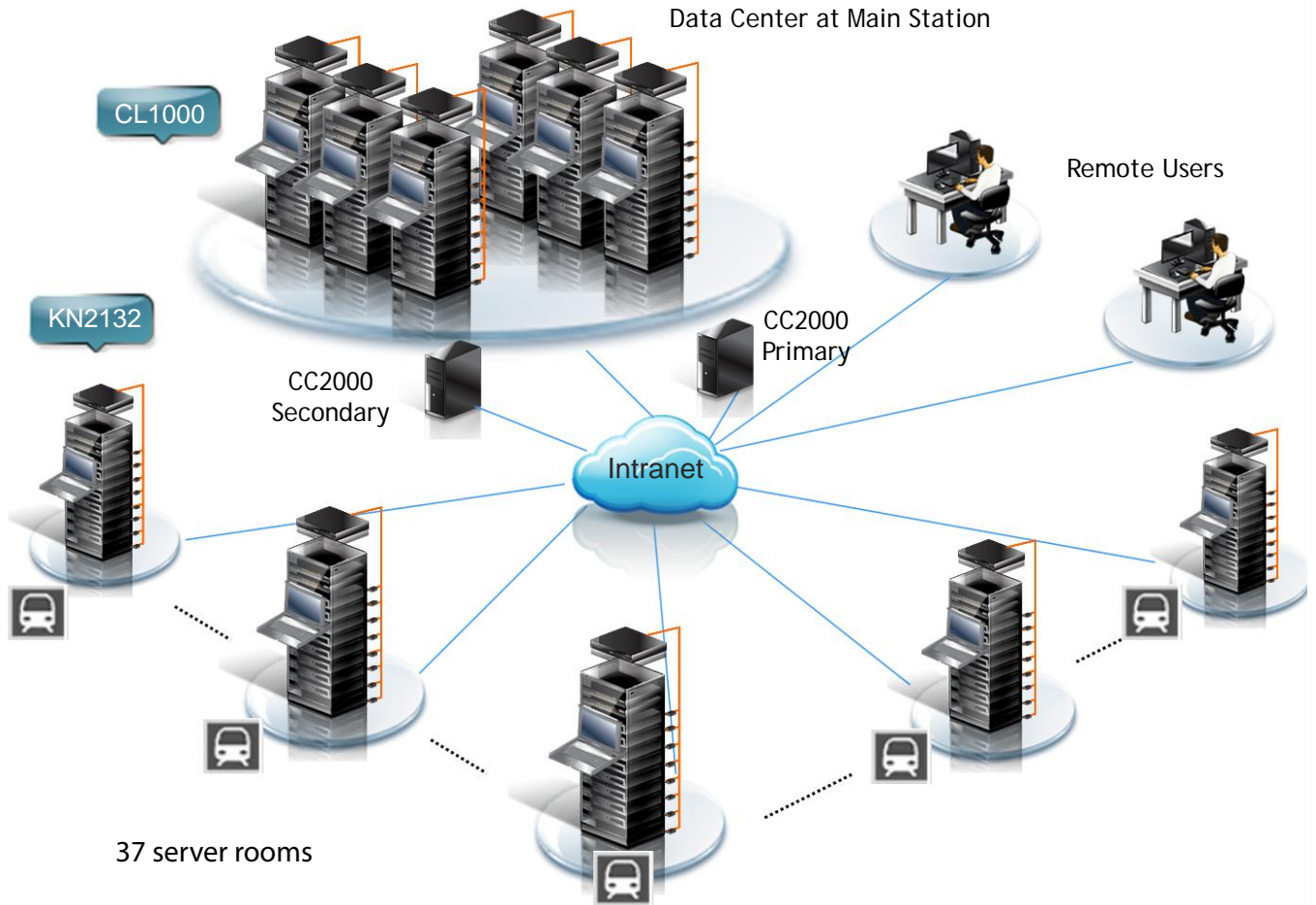
The CL1000 is a KVM console module that serves as the front-end for standard KVM switches. It features an integrated 17" LCD panel, full keyboard and touchpad in a 1U, rack-mountable housing.

CC2000 Control Center Over the NET™



ATEN's CC2000 Management Software provides IT administrators with the tools they need to access and control their entire distributed data center environment.

Setup



Benefits

Reduce Costs

Remote control and centralized management of all server rooms – allowing fewer administrators to manage more servers and eliminating the need to be on site – save on manpower and travel costs.

Boost Efficiency

Centralized management and configurable user/group permissions increase productivity and boost efficiency.

Minimize Downtime

Enable a faster response to mission-critical server room emergencies

Flexible Control

Space-saving LCD consoles which were set up in each server room offers flexible on-site use.

Increase Availability

Redundant LAN and Out-of-Band support increase device availability.