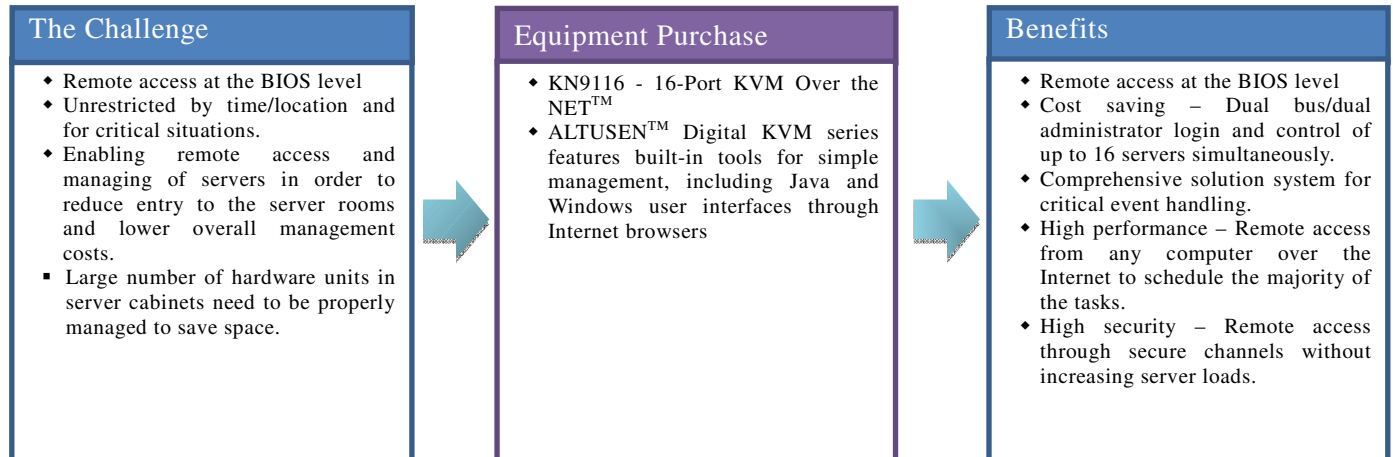


KN9116 KVM Over the NET™ Remote Management Solution Remote server management over the Internet for 99Bill



Client: 99Bill (Shanghai) Corporation

99Bill Corporation is the leading e-cash service provider in China, offering safe, convenient and secure electronic transaction services for all kinds of enterprises and individuals. With the widest range of product categories and user groups, 99Bill makes electronic transactions available for Renminbi, foreign credit cards, China Mobile's prepaid card, China Unicom's prepaid card and VPOS. 99Bill's service supports a variety of terminals including Internet, mobile phones, landlines and POS to meet various payment needs by enterprises and individuals.



↓ The Challenge

Console devices take up space, requiring frequent and personal access

99Bill has over 300 servers under their belt to support the rapidly growing e-transaction service industry. The traditional KVM switch can no longer meet the exponential increase in servers and has been quickly filling up valuable server racks. As a result, the System Administration Department at 99Bill is looking at solutions that can provide secure and efficient management for a large number of servers with the benefit of alleviating the server space issue. Another point of consideration is to improve the working environment and this is where the "Remote Access Server" came into the discussion. In the past, maintenance tasks were to be carried out through frequent access to the server rooms, which led 99Bill to the idea of remote management for replacing the console devices.

↓ Equipment Purchase

KN9116 - 16-Port KVM Over the NET™ offers a secure environment

The ATEN KN9116 from the ALTUSEN™ series supports both local and remote access from a single KVM console for monitoring and accessing multiple systems. KN9116 uses the TCP/IP communication protocol which is supported by any computer connected over the Internet, whether that is located in the lobby, on the street or across the world. In addition, KN9116 is compliant with the 1U server rack to save valuable space. The remote access environment is not only simple to use, but also supports user authentication to guarantee system security and improve the efficiency of server management.



↓ Benefits

Remote management saving cost/space, featuring high performance, security, and efficiency

Since deployment of the KN9116 - 16-Port KVM Over the NET™ at 99Bill, the number of server racks used has been greatly reduced. The KN9116 takes up just 1U rack unit while the console devices and KVM switches used before took up 10U rack units. The server racks can, therefore, be used more efficiently with less crowding of devices.

Not only that, the solution has greatly improved the working environment and efficiency. Through the remote access function, the administrators are able to schedule the majority of tasks from their own desks, with the exception of power-related operations of the server. This eliminates the need to frequently access the servers and therefore effectively improves staff performance.



ALTUSEN KVM Over the NET™ Remote Management Solution is a hardware-based infrastructure that will not increase server loads. This can guarantee the reliability of the remote access environment in contrast to other software-based remote access solutions.

Prospect

Remote access through KN9116, saving time and driving corporate expansion

The number of servers is rapidly growing with the scale of operation of the company. It is vital for 99Bill to set up a centralized management solution for the servers with efficiency and security in mind. The KN9116's remote access support greatly reduces the work and saves time, in that administrators will be able to manage servers from their desks without having to frequently visit the servers in person. This greatly improves the efficiency and also usage of the hardware space.

In addition, the user will be able to remotely access the servers from any location after KN9116 has been deployed. This solution can also be installed at another location, regardless of whether the rack is moved into the datacenter or if devices have been relocated, while still continuing to operate properly.

The KVM Over the NET™ is a finely tuned tool that not only improves the efficiency of server management, but also pushes forward the expansion of corporate operations.



“The recently deployed ATEN KN9116 - 16-Port KVM Over the NET™ Remote Management Solution has given us centralized control of over 300 servers, greatly reducing management costs and server efficiency here at 99Bill.”

---Engineer, Chang Ching

System Infrastructure after Solution Deployment

