

**Subject: Serial Devices Management
Solution to Remote Server Rooms**



Product: ALTUSEN SN0116 "Serial over the NET"

Environment: ISP, Data Center, Telecom

Situation: A high tech company in Hsinchu Science Park has their server farm and MIS department in different buildings with a 10 minute drive between them. When MIS needs to adjust the serial devices (e.g. servers, routers, switches, modems, and UPS systems) in the other building, they have to go through the trouble to travel by vehicle or alternatively call the staff in the other building. The MIS department wishes to perform the setup of the serial devices in the other building from within their department.

Solution: To install a SN0116 Serial over the NET in the building with the server farm and by doing this MIS will be able to manage 16 servers or serial devices (e.g. switch, router, power management devices) through TCP/IP connection. SN0116 allows up to 16 users to login to the system through an Internet capable computer, even if the computer is in another building or the other side of the world. Each user is able to individually control a connection port and is able to simultaneously access 16 connected serial devices.

Benefits: **1. Complete centralized remote serial management solution** – Via TCP/IP connection, each SN0116 can manage up to 16 serial devices including servers, routers, switches, modems, and UPS systems for improved efficiency and convenience of management. **2. Complete security mechanism** – Individually configure the security protection for each port, including the user identity validation and multi-level secure user logins to prevent unauthorized access. **3. Fully featured and user friendly access** – Including browser access with an intuitive GUI, Telnet Client-SSH, Telnet and third-party client compatible console terminal for login to SN0116. **4. Provides smart management** – Automatic warning alert by e-mail to automatically notify of error messages and complete log records of connection ports.

