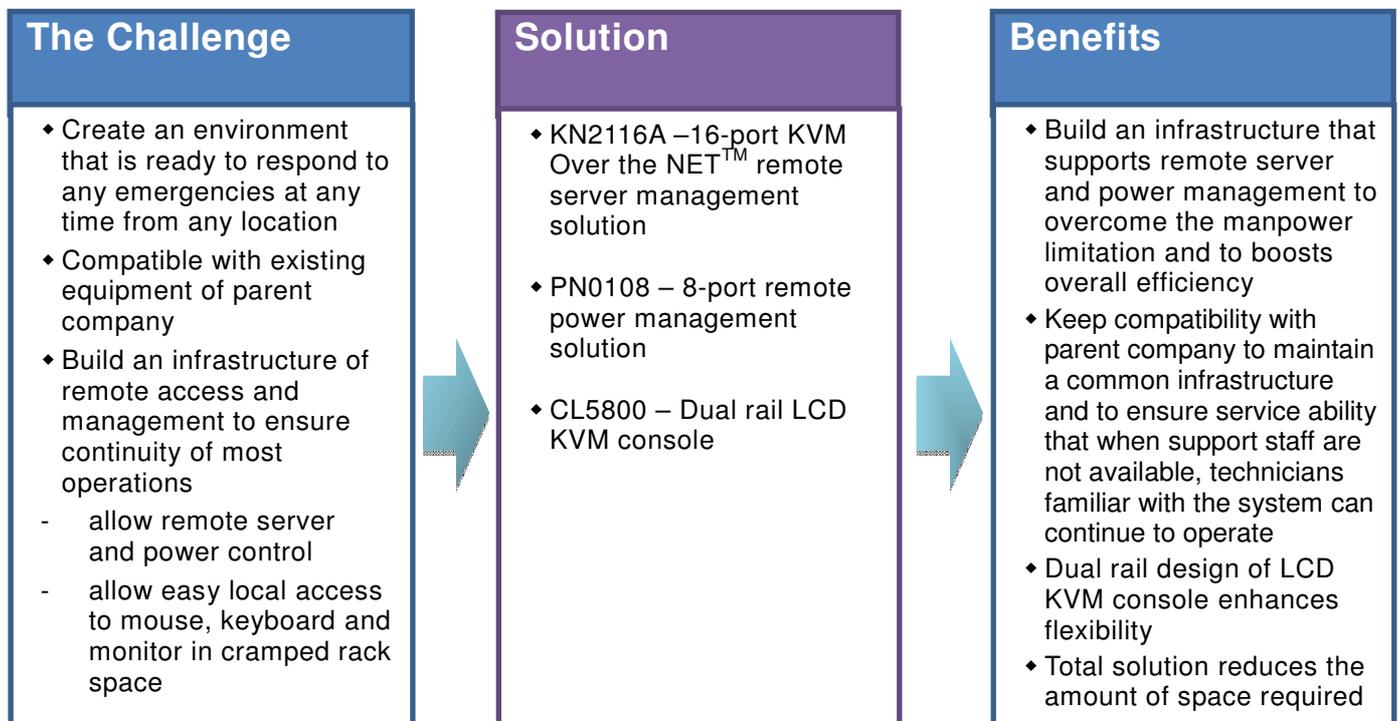


ATEN Remote Server/Power Management Solutions Realize Seamless Cooperation



Customer: Yuzu TV

Established in 2009, Yuzu TV is a local cable TV station in Saitama, Japan. Yuzu TV introduces FTTH (Fiber To The Home) which uses fiber-optic cable to provide TV, computer, internet and telephony services. With the high-quality communication and services of FTTH, Yuzu TV is able to provide low-cost, high-quality, and convenient access of IT communication services to the local residents.



↙ The Challenge

Limited staff and no remote power management generates concerns about service interruption

Mr. Miyamoto, the Communications Service System Operations Division of Yuzu TV said: "When Yuzu TV was established, it aimed to set up an infrastructure just like the parent company that could respond to special situations. Our TV station's limited manpower meant we had to consider how to provide our customers with complete and uninterrupted service. In addition to seeking necessary support from the parent company, the problem can only be fully resolved by setting up a remotely managed server room. Such an infrastructure must not only be able to operate servers remotely, but also control server power remotely.

↙ Solution

KN2116A KVM Over the NET™ was selected for remote server management along with the highly-compatible PN0108 Power Over the NET™. The space-saving CL5800 LCD KVM console also adopted

**KN2116A**
16-port KVM Over the NET™**PN0108**
8-port Power Over the NET™**CL5800**
Dual Rail LCD PS/2-USB Console

Yuzu TV looked at its parent company's infrastructure before deciding on the equipment to purchase. In order to access the server BIOS screen in the event of a malfunction, digital KVM equipment was a must. Mr. Miyamoto: "ATEN's KN2116 16-port KVM Over the NET™ had already been adopted by the parent company and has worked smoothly. ATEN was therefore strongly recommended. After careful evaluation and research, we decided to adopt ATEN's KVM Over the NET™ solution. This took the form of the KN2116A, a newer version of the KN2116, as well as the PN0108 Power over the NET currently used with the parent company. As the PN0108 and KN2116A are compatible with each other, they simplify the administrator's management of the KVM and power supply. The two devices work seamlessly together to provide a complete solution to our current dilemma."

Yuzu TV had also considered purchasing LCD KVM equipment, but shelved that idea because the rack cabinet in the office did not have enough space. ATEN's LCD KVM solution led to the issue being revisited. Mr. Miyamoto said: "ATEN's dual rail LCD PS/2-USB console integrates the LCD monitor, keyboard, touchpad and KVM control unit into a single dual rail chassis that takes up just 1U of space. The LCD monitor and keyboard/touchpad can also be extended and stowed away separately, greatly enhancing the flexibility and reducing the amount of space required."

↓ **Benefits**

Remote Server Management Overcomes Manpower Limitations and Boosts Overall Efficiency

Since Yuzu TV adopted the ATEN solution, all operations can now be completed smoothly in an efficient infrastructure. Yuzu TV has connected the servers to the KN2116A KVM switch for the BIOS-level server

**KN2116A, PN0108, CL5800**
operate smoothly and each takes
up just 1U of space

management over the network, and connected the server power to the PN0108 to automatically boot up when the power is on. The Over the NET™ capability allows the support staff and the maintenance personnel to administrate the server from any where. The integrated interface of KN2116A and PN0108 can be used to recycle server power over the network just by clicking on the power icon of the desired server on the user interface of KN2116A KVM Switch. The effect is identical to the administrator pressing the reset button on-site. As most operations

can now be carried out by the administrator at their own desk, the cost of frequently going to and from the server room has been saved. This development not only helped set up a stable infrastructure, but also helped Yuzu TV solve its manpower shortage problem.

↓ **Future**

Remote power management solutions will be progressively introduced to other TV stations in the parent company's group due to their high efficiency and space savings

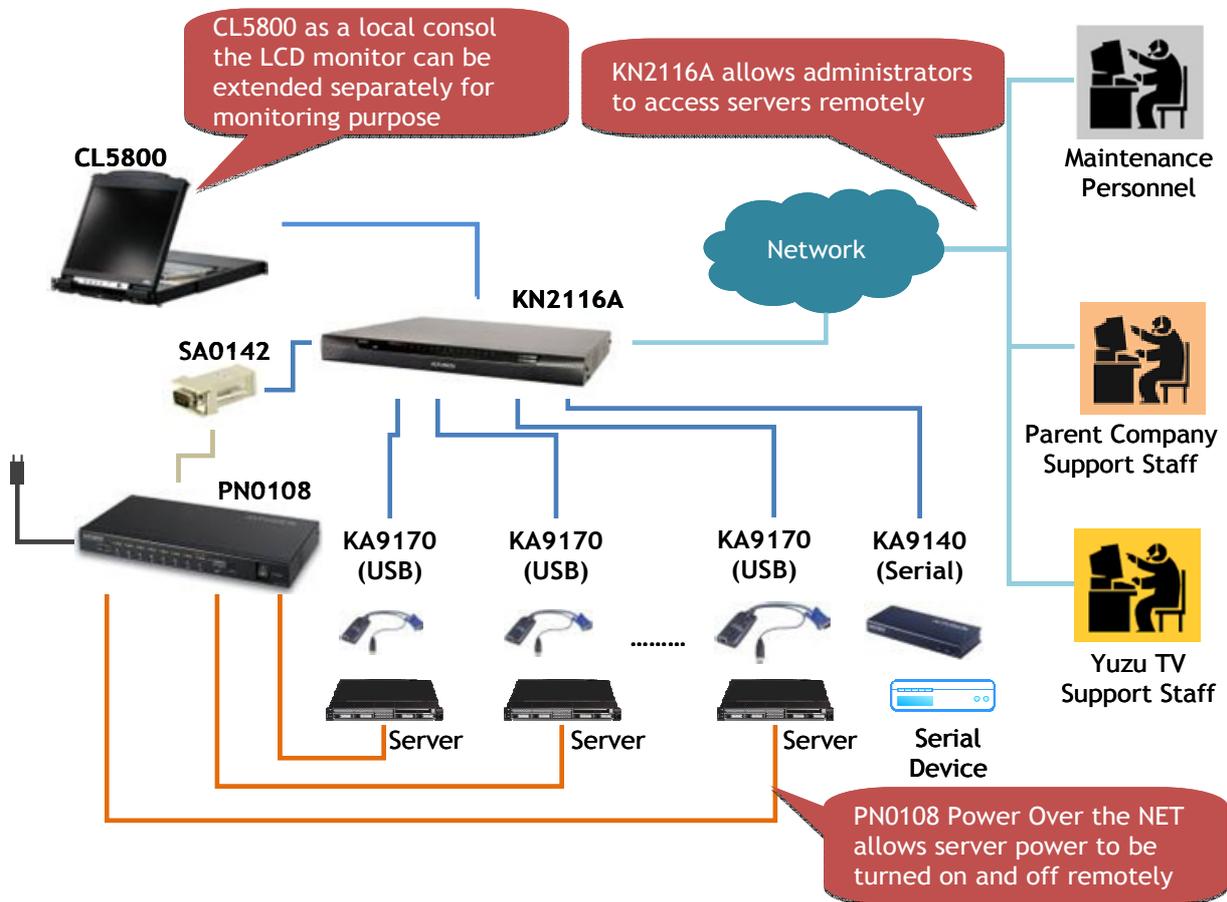
Mr. Miyamoto said: "We are very satisfied with the ATEN solution. The CL5800 and KN2116A in particular both save space and deliver high performance, while the PN0108 allows power to be turned on/off as desired. These are all features that we give high marks to. Being able to complete the installation process and deliver a relatively stable system has allowed our colleagues to fully appreciate the convenience and comfort of remote management. Hopefully, solution like this can be recommended to other TV stations within the parent company's group."

**CL5800's monitor/
keyboard/touchpad can be
extended separately**



In the future, ATEN will continue to assist Yuzu TV in enhancing its remote management functions. This will in turn enable Yuzu TV to provide its customers with a greater range of high-quality services.

↓ Solution Architecture



"As the PN0108 and KN2116A are compatible with each other, they simplify the administrator's management of the KVM and power supply. The two devices work seamlessly together to provide a complete solution to our current dilemma."

---Mr. Miyamoto, Yuzu TV