

“Greenify” Your Data Center

Tips to Help Network Administrators Become More Environmentally Conscious with KVMs



Go IT Remotely

Go IT Remotely -- Remote management through KVM systems is an ideal example of an inherent green data center tool. These products reduce the need for extra keyboards, monitors and mouse devices as well as offer data center managers remote access to their servers for monitoring performance and power consumption of their hardware. KVM remote management tools also enable data center managers to make server performance modifications remotely over the Internet. First, the use of these remote KVM products lessens the environmental impact of having to physically travel to data centers to make changes in person – this is critical for disaster recovery efforts since most companies maintain two data centers spread across considerable distances to mitigate security breaches. Secondly, KVMs do not restrict remote communications to a few users, especially when an entire team needs to diagnose major network issues.

**1 Port PS/2
USB KVM on the Net**



CN8000

**16-port CAT5 3-User
KVM Over the NET**



KN2116

**17" 16-Port LCD Over the NET
KVM Switch**



KL9116



Cut the clutter, reduce power consumption

Cut the Clutter and Reduce Power Consumption -- In addition to reducing carbon emissions through performance optimization, proper use of KVM tools significantly reduces the physical square footage space and associated power required to run a data center. This is achieved by optimizing rack space and eliminating the clutter, power and cost required to supply additional hardware. On average, a monitor consumes 50W per hour. Multiply that number by 24 x 7 x 365 consumption. Now, by using KVM, the number of monitors running in a typical data center decreases and the environmental savings quickly add up.

**8/16-Port CAT5
High-Density KVM Switch**



KH1508/KH1516

**8/16-port CAT5
KVM Switch**



KH1508i/KH1516i



The most environmentally friendly KVMs

Check out the Most Environmentally Friendly KVMs -- LCD KVM switches that typically “slideaway” or “hideaway” within a rack actually cut the power consumption to 28W and 30W -- including the LCD monitor. In addition to energy savings, LCD KVM switches also reduce data center real estate since these products tend to only take up 1U of rack space versus two separate units for the KVM and LCD console. In the long run, this space savings further reduces materials such as the cabling, metal, and plastics that cause hazardous waste.

**17" 16-Port CAT5 Dual-Rail
LCD KVM Switch**



KL1516M

**17" LCD Over the NET
16-Port KVM Switch**



KL9116

8/16-port LCD KVM for SMB



CL1008/CL1016

It's All in the Packaging – Beyond the data center, product packaging is another “green” avenue. The greening of product packaging can reduce waste and beneficially impact the environment. Packaging that utilizes recyclable post-consumer materials that are biodegradable can truly be considered part of the “green” agenda. For transparent retail packaging, biodegradable, vegetable-based plastics are more eco-friendly. In addition, soy-based inks and single-piece corrugated cardboard materials for product displays are more environmentally sound than recyclable plastic trays.

“From the moment our products leave the production line to their arrival and installation in data center racks, IT managers can rest assured knowing that their high-quality KVM solutions from ATEN are playing a pivotal role in the greening of the data center,” concluded Yang. “For ATEN, Green IT is a long-term strategy and we hope that our peers follow suit to make our world environmentally-friendly for years to come.”

About ATEN

ATEN Technology, Inc. is a leading innovator and worldwide provider of high-quality KVM and remote connectivity products for SMB (small-to-medium business) and enterprise-level environments. With nearly three decades of industry expertise, profitable growth, and a portfolio of nearly 350 patents worldwide, ATEN offers network administrators the most comprehensive solutions for managing their growing IT environments. Our product line includes a wide range of KVM switches that vary from 2 through 32 ports, a full line of IP based products, integrated LCD consoles, video solutions, and data communication.

We are a true manufacturer, which gives us the flexibility and ability to respond quickly to individual customer needs. This also enables us to provide scalable solutions that accommodate any organization, regardless of size. We provide dedicated 24/7 technical support, and a rock-solid 3-year warranty on all of our products (7 year warranty on 2 & 4 Port KVMs). Our commitment to research and development ensures constant innovation, and secures our place in the industry well into the future.

For nearly a decade, ATEN has been at the forefront of the ‘green IT’ agenda. While many companies are just jumping on the green bandwagon, we have worked hard to ensure that our products and manufacturing process are environmentally conscious. ATEN products are key for network administrators looking to greenify their data center.