

Amplify studio resource sharing. Sharpen engineering staff management powers.

With Avocent Broadcast Solutions



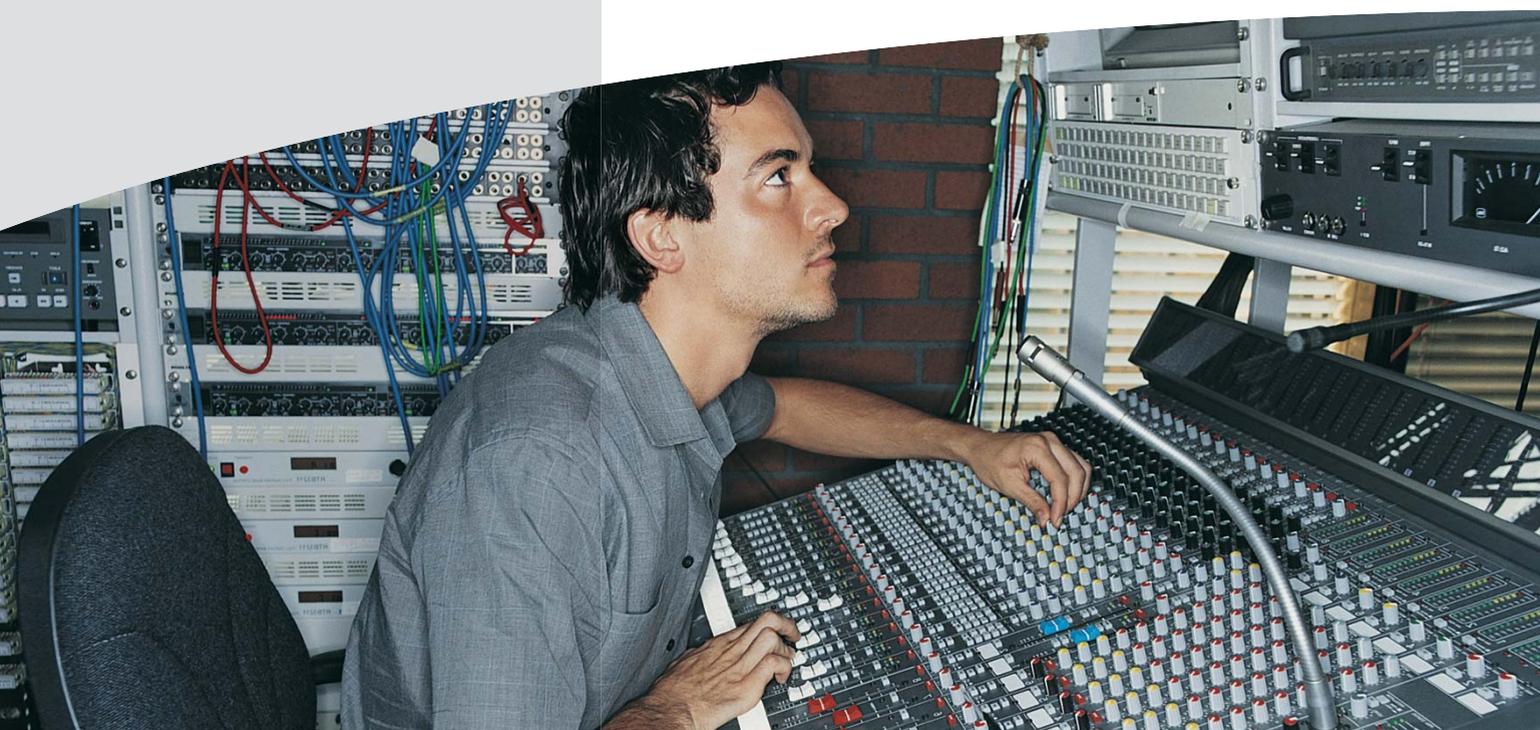
Back rack critical computing...without setting back staff productivity.

It's all about performance. Getting the perfect clips, the perfect interviews, the perfect graphic online and on the screen—without a hitch. But unless you have the bucks to put a high power workstation in everyone's cube, those creative folks are going to have to learn to share resources—without *feeling* like they're sharing.

We've taken more than twenty years of success developing data center remote management, connectivity and endpoint control products and created an award-winning, multi-touch digital solution for broadcast engineering.

The Challenge: Giving everyone access to the equipment they need to be “creative” (while creating ways for you to stretch and maintain the assets you do have)

We know it's preaching to the choir. Your post-production bays and suites are filled with incredibly expensive equipment, but your staff needs access to all of it on the fly. On the other hand, when you do manage to get a specific piece of high-dollar gear for someone, it has to be deployed in a less than ideal management environment (picture an open energy drink balanced near a graphics-crunching workstation) or the users complain about all the noise and heat they have to work close to. Which brings up the point “How do you manage IT resources that are all over the place, but have to be always on, always working?”



Award-winning technology to help you simply manage your post-production environment

The Answer:

Centralized, managed computing in a distributed environment (that still feels like individual project workstations)

It's not breaking news. Avocent provides award-winning technology to enable effective shared computing in post-production environments. Through innovative and secure digital KVM switching technology, multiple operators can access the equipment they need to do their job, whether they're in the broadcast studio, animation suite, traffic center or master control room.

At-the-PC user experience – Avocent's digital extenders support the physical separation of computers and users anywhere within the limit of a local area network (LAN). And since signals are transported digitally (100 or 1000Mbps TCP/IP network), the user experience is not compromised, even when accessing multiple systems.

Keep equipment safe and maintained – Since your end users can work without having to be near servers and processors, you can centralize all of your IT assets, ensuring tighter security, better environmental control and easier reconfiguration and maintenance.

Support for more high-end devices – We know you spend considerable amounts of money on devices such as Autodesk Servers. Our solutions support those and much more.

HQ maintained for graphics and sound editors – Keep your pickiest users satisfied with peripherals supported in both digital and analog HQ video and audio.

Ensure security across the system – Data encryption is enabled between computers, peripherals and the network.

Work within existing analog environments – Extend the value of your analog investment, while making the transition to digital. Our solution can work in conjunction with your current environment.

Award-Winning Solution

The Avocent HMX extender system, Digital KVM over LAN, was a recipient of the STAR award for being one of the most innovative technologies at the 2009 NAB Show.

TV Technology also recognized the HMX extender system as a significant technical breakthrough by awarding it the Mario Award.



Components

HMX Extender System – The HMX extender system can be easily deployed over a LAN and supports a comprehensive range of peripherals including DVI-I video, CD audio, USB mass storage, keyboard and mouse and other USB devices such as Wacom Tablets. Eliminates distance limitations within the LAN, allowing computers and users to be located anywhere.

- Centralized management via a single console, including access, desktop pooling and reporting
- Removes the need for dedicated cabling between user and computer
- Provides lossless video up to 1920x1200 @ 60Hz
- Provides CD-quality audio
- Dual DVI-D video up to 1920x1200 @ 60Hz
- Increased support video resolution:1680x1050 @ 60Hz
- 128bit AES encryption for secure access
- Support for Autodesk Servers
- USB media – you can connect your USB thumb drive and have it mapped through to the computer from the user station
- All non-isochronous USB devices are supported, such as the Wacom Tablet

HMX Manager – The Avocent HMX Manager delivers centralized management and control of extender transmitters and receivers, allowing them to serve as endpoints of a high performance, LAN-based KVM switch. This solution provides media professionals with uncompromised switched KVM access to business-critical broadcast and post-production video editing systems.

- Provides ease of workstation maintenance, management and access in a secure environment
- The HMX Manager provides centralized management and control of HMX extender transmitters and receivers
- Provides full logging of all system access including user login, login status, connection times, disconnection times and system updates
- Includes Web-based management

In Conclusion

The National Association of Broadcasters was so impressed with our technology they named Avocent a leader in industry innovation. We know you will be impressed too. The Avocent HMX extender with Digital KVM over LAN solution can give your editors and producers full access to Avid, SGI, storage machines and the like with full media support, while you maintain full access to and management control of every computer.

For more information, visit

www.avocent.com/engineeredforbroadcast.aspx

About Avocent Corporation

We believe IT complexity should never stand in the way of achieving a business goal.

Avocent is a leader in open, modular software and hardware solutions that rapidly enable our customers to better tackle the chaos of their information technology environments. Our innovations drive lower costs, lower risks and greater agility, enabling IT to meet more and more demanding service levels. It's no wonder that some of the world's leading brands depend on Avocent technology to simply manage their mission-critical IT resources.

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