

## Remote Broadcast Server Management and Control



To provide consumers with up-to-date broadcast programming, broadcasters need anytime/anywhere access to specialized equipment and critical applications, and the ability to collaborate and share content in real time.

Live programming requires access to playlists and content, 24 hours a day, 7 days a week with no exception, regardless of where the information is physically stored. If the video servers, corporate servers, database servers, animation servers, rendering servers and playback servers become unavailable, quick troubleshooting and rebooting are essential to restoring operations, ensuring programming and retaining consumers.

Developing a strategy to manage and troubleshoot these critical assets is key to keeping costs down and broadcasting on the air. An always on-site IT staff may be cost-prohibitive and not available. Space in studios, control rooms and editing suites is limited. Centralizing the assets in a data center and equipping the IT staff with remote access management tools can help solve these challenges.

Raritan's Remote Broadcast Server Management and Control Solution centralizes management and provides out-of-band remote access of critical IT resources from anywhere. Combined with tight security, power and environmental control, Raritan's Remote Broadcast Server Management and Control Solution provides IT administrators with the tools necessary to troubleshoot issues, restore operations and ensure broadcast availability ...anytime and anywhere.

### Sample Broadcast Studio Pre- and Post-Production Challenges

- ▶ Support always-on, live programming and task automation
- ▶ Optimize limited space in studios, control rooms and editing suites
- ▶ Minimize extraneous noise from IT equipment
- ▶ Reduce data center costs – operations, maintenance and administration
- ▶ Centralize management and provide secure remote access to broadcast server infrastructure
- ▶ Meet industry standards for digital and high-definition recording and broadcasting technology

**Please contact Raritan to see how we can meet your specific challenges.**

### Benefits

- ▶ Efficient, reliable server management
- ▶ Economical, secure remote access
- ▶ Consolidated administration
- ▶ Reduced installation costs – no software to load on the target servers or workstations
- ▶ Reduced manual processes and operations costs

**Ready to find out more? Contact Raritan today.  
Call +31 (0)10 284 4040 or visit [www.raritan.eu](http://www.raritan.eu)**

# Raritan Remote Broadcast Server Management and Control

## Applications:

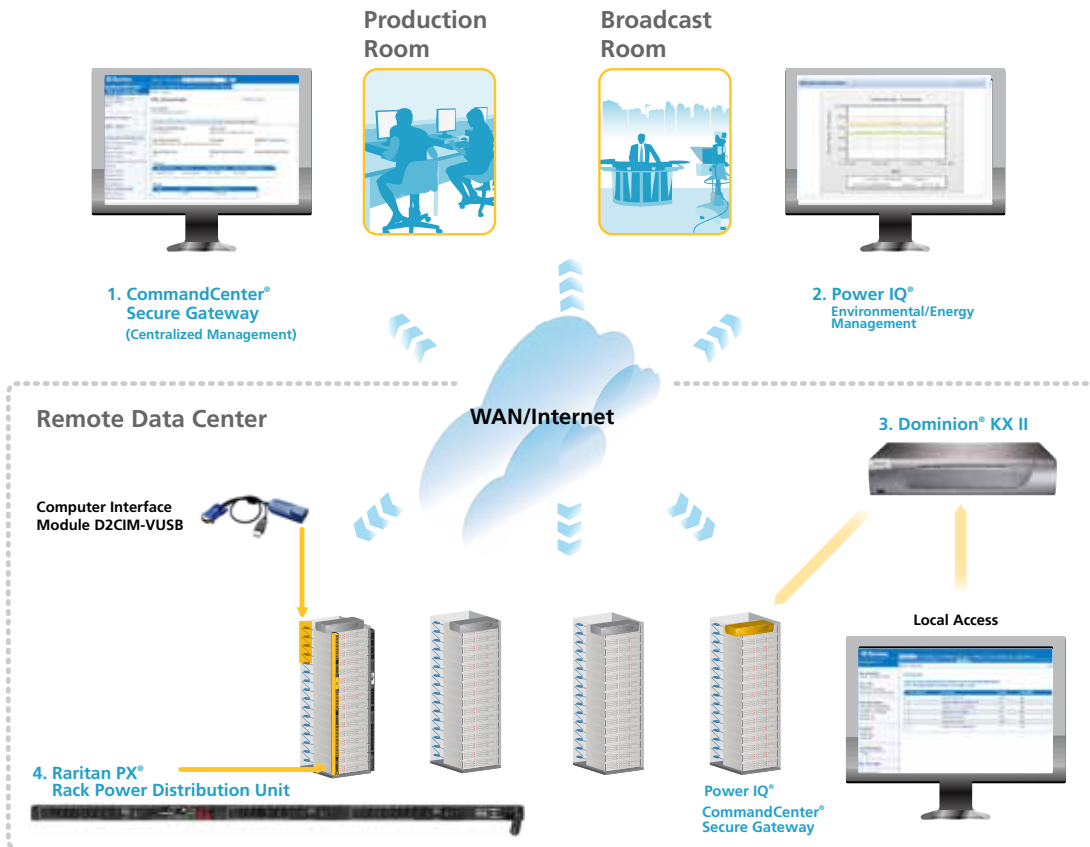
- ▶ Pre- and post-production review
- ▶ Content creation and sharing
- ▶ Remote broadcast content access from anywhere
- ▶ Remote application access
- ▶ One-click server (device) management
- ▶ Separation of control room and broadcast recording room
- ▶ Application interface testing
- ▶ Advertiser review and collaboration

## Solution Equipment (application dependent):

1. CommandCenter® Secure Gateway:  
Secure access to broadcast servers from a single interface

2. Power IQ® Energy Management Software:  
Power, environment and energy management to reduce power consumption and maintain uptime
3. Dominion® KX II KVM-over-IP Switch:  
KVM-over-IP secure, BIOS-level access for remote server management, troubleshooting and rebooting  
Paragon II:  
Cat5 analog KVM switch providing secure, real-time access and control of servers and serial devices
4. Raritan PX® Rack Power Distribution Unit:  
Out-of-band access, local logging, ping/reboot, remote power control, kWh, outlet-level metering and environmental management for reduced downtime

## Broadcast Implementation Example



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