Raritan.
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Remote Management and Control for Business Continuity and Lights-Out Data Centers for Government

Many types of "disasters," ranging from an all-encompassing failure to the loss of certain critical IT services, can occur in a data center. These can happen at any time and can be attributed to human error, system breakdowns, natural disasters and/or terrorist activity.

For the U.S. Department of Defense and civilian agencies that rely on their IT infrastructure to protect national security and sensitive scientific data, application servers that are down can mean loss of life or critical research. Time is of the essence when these disasters strike. Agency managers and division chiefs must quickly access, troubleshoot, diagnosis and repair the affected data center equipment.

During a disaster you can't predict where your key personnel may be and whether they will be available to assist with the recovery. Equipment may be accessible, but ineffective if your staff cannot access the recovery site. Fail-safe processes that can be quickly followed by any IT professional, no matter where they may be located, are needed. Secure remote access and control become key to the implementation and assurance of these processes.

Raritan's Business Continuity and Disaster Recovery Solutions provide an expanded level of secure remote access and centralized management, even from an iPad® or iPhone®. These solutions provide FIPS-encrypted, secure BIOS-level interaction with the infrastructure and support the capability to power cycle, reboot, reinstall software, reimage servers and change BIOS options. Comprehensive server logs enable the recovery staff to understand which equipment has been changed, when it was changed and even why it was changed. All these functions can be performed from wherever the IT administrator may be located, eliminating travel cost and time.

By including Raritan's Business Continuity and Disaster Recovery Solutions as critical components in your disaster recovery plans, you can be assured that whenever a disaster may strike, your IT staff or federal contractor will have the tools they need to quickly access and recover virtually any server...and get you back to your business FAST!

Sample IT Disaster Recovery Challenges

- Remotely switch from live to backup operations
- Mitigate IT risks to business operations when disasters occur
- Business continuity/nonstop operations in times of disaster
- Secure, authenticated remote logins/access
- Centralized management of multilocation servers

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

Benefits

- Ensure business continuity/nonstop operations
- High Availability Equipment – dual LAN, dual power supplies and clustered networks
- Effectively switch from live to backup operations with minimal disruption
- Efficient, reliable server management, regardless if live or backup operations
- Economical, secure, centralized server management
- Fast power restoration and reduced power consumption
- Advanced security features and modem access for network access, even if the infrastructure is compromised
- Latest information regarding data infrastructure deployment

# Raritan Cloud Management Solution

Key Disaster Recovery Questions:

- Is there a documented disaster recovery plan?
- Which staff will perform the full recovery in the event of a disaster, and is there proper documentation to allow other staff to step in?
- Does the recovery staff need to be collocated with the infra-structure for recovery?
- Is the data center equipment in diverse geographic locations?
- How do you ensure secure access to the data center equipment in a recovery?
- How will you recover if the corporate network is not in full operation?
- Does the recovery site have equipment for future recovery needs?
- Does the standby equipment match the current production configuration?
- How easy would it be to replicate your data center?

Solution Equipment (application dependent):

1. CommandCenter® Secure Gateway:Remote access to thousands of servers (physical and virtual), networking equipment from a single interface
2. Power IQ® Energy Management Software: Power, environment and energy management to reduce power consumption and maintain uptime
3. dcTrack® Data Center Infrastructure Management Software: Capacity, asset and change management
4. Dominion® KX II KVM-over-IP Switch:KVM-over-IP secure, BIOS-level access for remote server management, troubleshooting and reboot
5. 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

Disaster Recovery Implementation Example
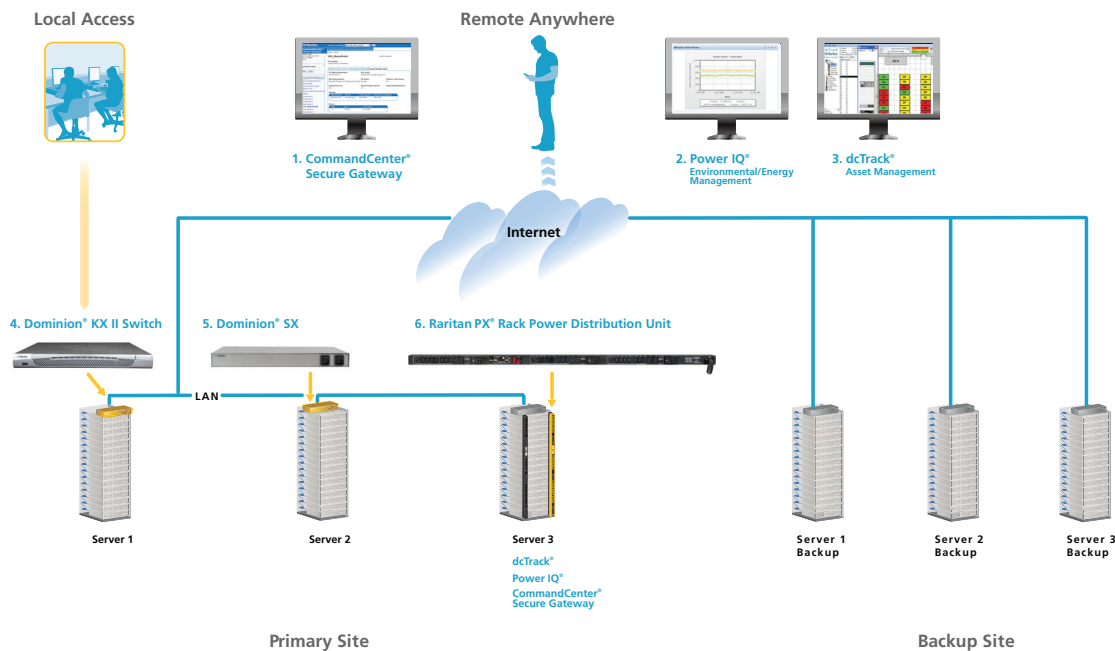
Ready to find out more? Contact Raritan today.
Call 1.800.724.8090 or visit www.raritan.com