Remote Management and Control for Disaster Recovery and Business Continuity

Many types of disasters can affect a data center at any time – human error, system breakdowns or natural disasters – despite high-security and high-availability designs. When such events occur, the first priority is to restore service as quickly as possible. The right disaster recovery/business continuity solution can also help IT staff quickly access, troubleshoot, diagnose and repair the affected data center equipment.

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

For example, if there is a power failure, it is important to know which IT assets are connected where, which devices are mission critical and which ones can be shut down to conserve power. IT assets may not be the only concern; cooling systems may fail, so monitoring the temperature at the racks and how quickly the temperature may be rising is critical also.

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. All these functions can be performed from wherever the IT administrator may be located, eliminating travel cost and, most importantly, critical 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 strikes, your staff will have the tools they need to quickly access and recover virtually any server... and get you back to your business FAST!

Raritan's Business Continuity and Disaster Recovery Solutions

Key Disaster Recovery Questions:

- **Is the data center equipment in diverse geographic locations? Does the recovery staff need to be collocated with the infrastructure for recovery?**
  Raritan's solutions allow IT staff from anywhere to access the network and work on bringing the system back up, possibly by switching functionality to other parts of the world.

Disaster Recovery Challenges

- Remotely switch from live to backup operations
- Mitigate IT risks to business operations
- 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

- Simplified management of high availability installations – dual LAN, multiple power supplies and clustered networks
- Remote server access and control, regardless if the infrastructure is compromised
- Economical, efficient, reliable, secure and centralized server management
- Remote power control and metering of virtually any rack PDU
- Remote monitoring of the data center environment
- Support of heterogeneous equipment

- **How do you ensure secure access to the data center equipment in a recovery?**
  Raritan's solutions limit IT staff access to those with proper authorization, authentication and permissions, to access their parts of the network and work on bringing the system back up.

- **How will you recover if the corporate network is not in full operation or if there are physical problems?**
  Raritan's solutions allow IT staff out-of-band, BIOSlevel and modem access, the ability to see the latest IT infrastructure deployments, determine where there are IT network outages, power outages and what is affected, and monitor the environment to prevent temperatures from rising to dangerous levels.

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:**
   Remote power control of virtually any rack PDU

3. **dcTrack® Data Center Infrastructure Management Software:**
   Provides real-time information and tracking view of available space, power and cooling

4. **Dominion® KX II KVM-over-IP Switch:**
   KVM-over-IP secure, BIOS-level access for remote server management, troubleshooting and reboot

5. **Dominion SX Serial Switch:**
   Secure console server for local and remote out-of-band access

6. **Raritan PX® Rack Power Distribution Unit:** Out-of-band access, local logging, ping/reboot, remote power control, outlet-level metering and environmental monitoring

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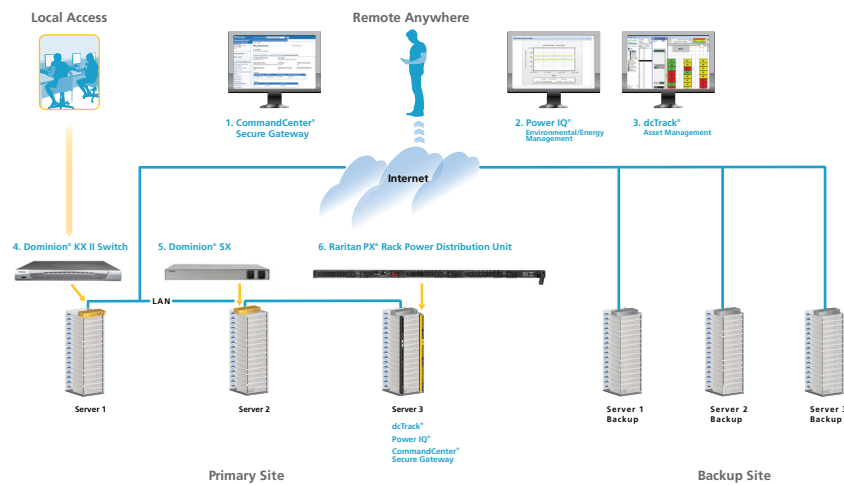
Ready to find out more? Contact Raritan today.
Call 1.800.724.8090 or visit www.raritan.com

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