



CommandCenter® Secure Gateway – centralized access and control of your entire IT infrastructure

- ▶ Consolidate access to physical and virtualized servers, intelligent PDUs and serial devices
- ▶ Secure, single sign-on to a single IP address
- ▶ Remote access and power control through service processors and IP tools, including HP iLO2, Dell® DRAC, IBM® RSA II and IMM, IPMI, RDP, VNC, SSH and Telnet, as well as Web browser applications
- ▶ Virtual media support

Dominion® KX II raises the bar for KVM-over-IP switches:

- ▶ Provides BIOS-level access to up to 64 multiplatform servers and serial-based devices
- ▶ Dual power and dual gigabit Ethernet with automatic failover
- ▶ Support of smart card/ Common Access Card (CAC)
- ▶ FIPS 140-2 validated cryptographic module for enhanced encryption and security

Why choose an external KVM solution over “free” embedded service processors for your data center server management?

Challenge

Data center downtime remains a huge concern for IT professionals. In fact, a recent study showed that downtime costs can be anywhere from \$50K to over \$6 million per hour, depending on the business. (*The Three Principles of Data Center Infrastructure Design*, ADC Telecommunications, Inc., April 2006).

So it's critical to have a solution in place that can provide the access and control necessary to keep servers and other data center devices running smoothly.

Two options available today for out-of-band KVM-over-IP are embedded service processors (ESPs) – such as Dell® DRAC, HP iLO and IBM® RSA, and KVM-over-IP switches – such as Raritan's Dominion® KX II.

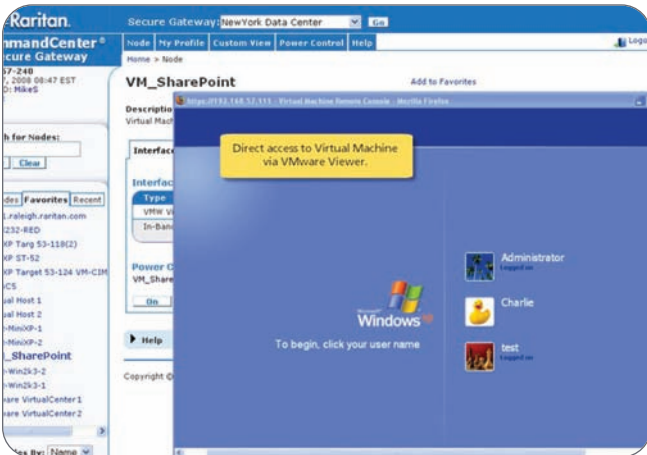
At first glance, ESP solutions may seem to hold the advantage.

- ▶ They are conveniently embedded in the server
- ▶ Because they're bundled with the server, many consider them to be “free”
- ▶ Like KVM solutions, they operate independently from the server's CPU and operating system (OS)

However, once you look closer, ESPs also present some distinct challenges for IT administrators.

- ▶ There is a network cost – regardless of whether the ESP is connected to the primary or a secondary network, an additional IP address, switch port and cable run is needed for each ESP
- ▶ ESPs provide access only to the servers in which they are installed – and if you have more than one server manufacturer in your data center, you will need to access the ESPs through different interfaces
- ▶ ESPs are not necessarily as easy to deploy as they seem – each requires network setup, user privileges, SNMP scripting, etc.
- ▶ ESP management security is weak at best





Solution

Raritan's remote data center management solution simplifies access and control of all your servers, including legacy servers, blade servers, virtualized servers and serially-accessed devices.

Individual components of our solution include:

- ▶ Dominion KX II, which provides secure, BIOS-level access to your devices at the rack, over IP and via modem. As an added advantage, Dominion KX II uses only one LAN port and IP address for up to 64 servers – versus ESPs, which require up to 64 LAN ports and IP addresses, and which have to be configured individually – so it's also easier to configure and manage your devices
- ▶ CommandCenter® Secure Gateway (CC-SG), our browser-based device, offers complete, unified in-band and out-of-band device management. With a "single pane of glass" view into your server room, CommandCenter Secure Gateway offers total access to and control of your servers located anywhere in the world

One solution that does the work of many embedded service processors

Dominion KX II enables at-the-rack access to devices in your data center, as well as remote TCP/IP or emergency modem access. And our CommandCenter Secure Gateway management system incorporates and expands that power even further. From a single interface, users can access multiple blade servers, rack servers or virtual servers in the same data center, or in multiple geographically dispersed data centers.

Raritan's Dominion KX II KVM-over-IP and CommandCenter Secure Gateway solution is the logical choice for secure, integrated data center management.

When you compare the two options side-by-side, the advantages of using a Raritan data center management solution are clear:

- ▶ Raritan has a lower Total Cost of Ownership (TCO)
- ▶ We use 32 to 64 times fewer network ports and IP addresses
- ▶ Ours is a multi-vendor solution
- ▶ It supports a heterogeneous environment
- ▶ It's very secure – in fact, we have the industry's only KVM switch with a FIPS 140-2 encryption module
- ▶ We provide consolidated local port access while in the data center
- ▶ You get centralized access, authentication and logging, with flexible user management

Look closely at the options available to you. You'll see that "free" service processors aren't really much of a bargain at all – in price or performance.

Improve uptime, access and control of your data center.

Contact Raritan today.

Call 1.800.724.8090 or visit www.raritan.com

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