



#### PROJECT FACTS

Outdated traditional KVM switches could not provide remote access and other key capabilities required by the IT administrators. The solution requirements identified by the Molex team included:

- Good access response time to servers and devices connected to the KVM-over-IP switch when users employ VPN connections
- Ability to remotely power cycle connected devices
- Integration with serial consoles to enable remote management of switches, routers and other products that do not have KVM ports
- Ability to sign on to the KVM-over-IP switch via Active Directory® authentication, grant different levels of access to connected devices based on existing Active Directory user profiles

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## Case Study: Improving Data Center Performance



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Molex is one of the world's largest manufacturers of electronic connectors. Established in 1938, the company operates 39 manufacturing locations in 16 countries. Molex Singapore is the regional HQ for entire Asia Pacific region.

The data center in Singapore houses more than 50 servers, including virtual servers and about 10 switches. Among the mission-critical applications supported by the data center are email services, region-wide WLAN authentication service, Internet and VPN access for the entire AP region.

The company needed a more responsive way to manage the data center servers that support operations in such a large region. The IT department also wanted to move to a lights-out data center for added security.

### Project Outcome

- Secured BIOS-level access and control to all our data center servers from anywhere using a Web browser. Servers are accessible even if a server's operating system is not working or the network interface card has failed.
- Dashboard view of the status of all connected equipment in the data center.
- The IT infrastructure and technical applications support group are able to access servers from outside the data center either from their workstations or from a VPN connection.
- Intelligent rack power distribution units (PDUs) power on and off connected devices remotely. The intelligent PDUs also enable administrators to monitor power status of attached equipment.

#### OTHER SERVICES AVAILABLE

- Energy Efficiency Solutions
- Communications, Cabling and Networking Solutions
- Value-Added Services
- Technical Support

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