Take a Modern Approach to Virtual Keyboard-Video-Mouse

Intel® Virtual KVM Console and SDK

Streamline IT Efforts while Eliminating Physical KVM Boxes with Our Latest Innovation

Intel has released a modern solution surpassing legacy KVM (keyboard-video-mouse) hardware with a firmware-based capability embedded directly into the server. Intel® Virtual KVM (Intel® VKVM) is delivered either as a console or as an SDK, reducing complexity and adding new capabilities beyond the limits of hardware switches by eliminating the need for complicated and expensive KVM infrastructure with an innovative software solution.

Intel VKVM delivers KVM capability that provides server visibility and control for both in-band and out-of-band communications. With the SDK, ISVs and OEMs can build systems and tools that simplify and automate KVM-oriented tasks, and go well beyond the one-to-one capabilities of hardware KVM switching.

The Intel VKVM console can be purchased as a free-standing console for use directly to help your data center or using the SDK, it can be easily integrated with existing consoles.

- **Real-time Visibility and Controls for IT Assets**
  Connect to server devices through the console or via SDK for real-time access to multiple servers in a consolidated view from anywhere.

- **Consolidated Centralized Access**
  Reach any rack, any blade or any combination from one console with capabilities to access and control up to 50 concurrent KVM server sessions at a time.

- **Full Device Coverage IB & OOB Communications**
  Interface with servers through either channel to allow for interoperation with any vendor’s system, whether the system is up or down.

- **Cross OEM Vendors Support**
  Using the console, we provide management tools allowing access to multiple servers and blade hardware vendors, to a simple interface.

- **SDK for Easy ISV Solution Integration**
  ISV’s looking to add KVM functionality to any existing ISV solution can develop the next generation of tools to increase visibility and add automation.
### FEATURES

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<th>Feature</th>
<th>Benefit</th>
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<tr>
<td>Remote console management API</td>
<td>Manage KVM consoles from different server platforms (of different vendors) through Java Applet based API and JSON based web API</td>
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<td>Remote power control</td>
<td>Allows for system to power on and shut down remotely</td>
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<td>Support for multiple OEM vendors</td>
<td>Launch KVM consoles for a variety – or any mix – of servers including select Dell, Fujitsu, HP, IBM, Intel, Sun, Supermicro, Lenovo and more. View the complete list of supported hardware at <a href="http://www.intel.com/virtualkvm">www.intel.com/virtualkvm</a>.</td>
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<td>Launch SSH console for SSH enabled (network) devices</td>
<td>Discover and manage network devices that enable SSH channels, through a generic SSH connector</td>
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<td>Launch VNC/ SOL console through the Java Applet API</td>
<td>Support for VNC/ SOL supporting devices and related consoles at the device node</td>
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<td>Installation and package</td>
<td>Executable installer and packaged binaries for re-distribution</td>
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<td>Reference user interface</td>
<td>Simple and functional interface implements the remote console</td>
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### SYSTEM REQUIREMENTS

### SUPPORTED OPERATING SYSTEMS

- Microsoft Windows Server* 2008 x64 R2-SP1
- Microsoft Windows Server* 2008 x86 SP2
- Microsoft Windows Server* 2008 x64 SP2
- Microsoft Windows Server* 2012 x64
- SUSE Linux Enterprise Server 11 SP1
- Red Hat Enterprise Linux 6.2 / 6.3 / 6.4
- Ubuntu Server 12 x64 Edition support

### RECOMMENDED SYSTEM CONFIGURATION

- A dual-core processor of 2.6Ghz or higher
- 4GB RAM
- 60GB of hard drive space