

Intel® Virtual Gateway

Take a modern approach to virtual keyboard-video-mouse



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

Intel has innovated a modern solution surpassing legacy KVM (keyboard-video-mouse) hardware with a firmware-based capability embedded directly into the server. The Intel® Virtual Gateway KVM both reduces complexity and adds new capabilities beyond the limits of hardware switches by eliminating the need for complicated and expensive KVM infrastructure with an innovative software solution.

Intel Virtual Gateway delivers a KVM capability that opens each server unit for complete visibility and control with both in-band and out-of-band communications. With the SDK, ISVs and OEMs can build systems and tools that simplify and automate tasks, and go well beyond the one-to-one capabilities of hardware KVM switching.

The Intel virtual KVM solution can help your data center make the transition from yesterday to tomorrow, by easily integrating with existing consoles and fully encompassing legacy systems.

▪ Real-time Visibility and Controls for IT Assets

View one unit or multiple units on the same pane of glass, in real-time, from anywhere.

▪ Consolidated Centralized Access

Reach any rack, any blade or any combination from one console with capabilities to access and control more than one server at a time.

▪ Full Device Coverage IB & OOB Communications

Interface with servers through either channel to allow for interoperability with any vendor's system, whether the system is up or down.

▪ Cross OEM Vendors Support

Access management tools across multiple server and blade hardware vendors in one simple interface.

▪ SDK for Easy ISV Solution Integration

Develop the next generation of tools to increase visibility and add automation while helping your organization reduce complexity.

Features

Remote console management API

Benefits

- Manage the KVM console from different server platforms (of different vendors) through Java Applet based API and JSON based web API

Remote power control

- Allows for system to power on and shut down remotely

Support for multiple OEM vendors

- Launch KVM consoles for a variety – or any mix – of servers including Dell, Fujitsu, HP, IBM, Intel, Sun, and more

Installation and package

- Executable installer and packaged binaries for re-distribution

Reference user interface

- Simple and functional interface implements the remote console
- Source code sharing enables integration into other applications and customization based on need

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

Recommended system configuration

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

Intel® Virtual Gateway.
From here, you can reach anywhere.

For more information on Intel® Virtual Gateway,
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