

Take a Modern Approach to Virtual Keyboard-Video-Mouse

Intel® Virtual Gateway Console and SDK

Intel® VGTW Console



Intel® VGTW SDK

Monitor

Access

Configure

Scale

IT Equipment

Blade



Rack





PDU & UPS

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 Gateway (Intel® VGTW) 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 VGTW 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 VGTW 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 interoperability 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	BENEFITS
Remote console management API	• Manage KVM consoles 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 select Dell, Fujitsu, HP, IBM, Intel, Sun, Supermicro, Lenovo and more. View the complete list of supported hardware at www.intel.com/virtualkvm .
Launch SSH console for SSH enabled (network) devices	• Discover and manage network devices that enable SSH channels, through a generic SSH connector
Launch VNC/ SOL console through the Java Applet API	• Support for VNC/ SOL supporting devices and related consoles at the device node
Installation and package	• Executable installer and packaged binaries for re-distribution
Reference user interface	• Simple and functional interface implements the remote console

SYSTEM REQUIREMENTS

SUPPORTED OPERATING SYSTEMS	RECOMMENDED SYSTEM CONFIGURATION
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • A dual-core processor of 2.6Ghz or higher • 4GB RAM • 60GB of hard drive space

For more information on Intel® Virtual Gateway, visit www.intel.com/virtualkvm or contact vkvm-sales@intel.com



INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT. UNLESS OTHERWISE AGREED IN WRITING BY INTEL, THE INTEL PRODUCTS ARE NOT DESIGNED NOR INTENDED FOR ANY APPLICATION IN WHICH THE FAILURE OF THE INTEL PRODUCT COULD CREATE A SITUATION WHERE PERSONAL INJURY OR DEATH MAY OCCUR.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined." Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request. Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order. Copies of documents which have an order number and are referenced in this document, or other Intel literature, may be obtained by calling 1-800-548-4725, or by visiting Intel's Web site at www.intel.com.

Copyright © 2016 Intel Corporation. All rights reserved. Intel and the Intel logo are trademarks of Intel Corporation in the U.S. and/or other countries.

* Other names and brands may be claimed as the property of others.

Printed in USA

VGW 5.0

Please Recycle