

### Overview

## Summary

HP Remote Graphics Software (RGS) is the remote desktop solutions for serious workstation users and their most demanding applications. This high-performance protocol delivers an exceptional remote desktop user experience for graphics and data intensive applications. All applications run natively on the remote system and take full advantage of the compute and hardware graphics resources of the sending system. HP RGS also allows professionals to collaborate in real time with colleagues across the hall or across the continent using graphic intensive applications

HP RGS captures the desktop of the remote system and transmits it over a standard network to a window on a local client using advanced image compression technology specifically designed for digital imagery, text and high frame rate video applications. A local hardware keyboard and mouse is supported as well as USB device redirection to provide an interactive, high performance, multi-display desktop experience. There are no monthly fees, the receiver is a free download, and now the sender is free on HP Workstations and EliteBook Workstations.

## Features

### Rich remote desktop user experience

- Hardware graphics accelerated applications
- 2D, 3D, volumetric, OpenGL and Microsoft Direct 3D
- HD video, flash and multi-media content
- Provides smooth, continuous, low-latency, high-quality audio streams from remote systems
- WAN performance and bandwidth optimization

### Stunning image clarity optimized for limited network bandwidth

- Visually loss-less compression optimized for text, video and digital imagery applications
- On the fly quality adjustment controls so you can match available network bandwidth
- Only changing pixels are updated (bandwidth doesn't grow with model size or graphics complexity)

### Multi-display

- Supports any number of displays up to hardware limits
- Automatically sets sending system resolution and multi display settings to match the receiving system
- Connect to multiple remote systems from one client.

### Windows and Linux support

- Seamlessly jump between Windows and Linux desktops
- Cut, copy, paste between Windows and Linux applications
- Application transparent, non-intrusive architecture requires no modifications to application

### Access from any location over LAN, WAN or VPN

### Real-time collaboration (1:1 or 1:many)

- Share full desktop with one or many collaborators
- View only or full access collaboration permissions
- Multi-user keyboard and mouse input
- Collaboration control indicator
- \* VPN software required for firewall traversal

### Remote USB

- Enables USB devices to be virtually attached to remote system with local control and access
- Broad device support
- USB Access control

### Secure remote desktop access and connections

- All application data remains on sender system. Only encrypted, compressed video sent to receiving system
- AES 256-bit encryption using Open SSL implementation of anonymous Diffie-Hellman (ADH) cipher suite
- Sender screen blanking
- Auto-screen lock or auto-logout on session disconnect
- Connections authenticated by Microsoft password authentication protocol NTLM and Kerberos
- Linux to Windows connection authentication via PAM
- Single primary user enforcement
- Real-time logging of sender connect and disconnect events
- Client access device logging
- System administrator control for connections and properties
- Network connection warning

### Broad client hardware support



### Overview

- Receiver supported on Windows desktops, HP thin clients, and HP Linux workstations
- Single sign-on to a one or multiple remote desktop sessions
- Follow-me roaming (auto-disconnect and re-direction of video, keyboard and mouse to new access location)
- Personal and Mobile Workstations
- Blade Workstations
- VDI server hardware
- Desktop and Notebook PCs

### RGS Support Matrices

| RECEIVER  | Windows XPe/WES | Windows XP SP2, SP3 32-bit, x64 | Windows Vista Business, Enterprise 32-bit, 64-bit SP 1 or later | Windows 7 | Embedded Linux | RHEL V4 (update 5+) V5 (update 2+) 64-bit, V6 |
|---|-----------------|---------------------------------|---|-----------|----------------|---|
| <b>Desktop and Mobile</b>   |                 |                                 |   |           |                |   |
| Desktop workstations  |                 | •                               | •   | •         |                | HP distributions                              |
| Mobile workstations   |                 | •                               | •   | •         |                |   |
| Desktop PCs   |                 | •                               | •   | •         |                |   |
| Notebook PCs  |                 | •                               | •   | •         |                |   |
| <b>Performance Thin Clients</b>   |                 |                                 |   |           |                |   |
| HP gt7725   |                 |                                 |   |           | HP ThinPro     |   |
| HP gt7720   | WES 2009        |                                 |   |           |                |   |
| <b>Flexible and Mainstream Thin Clients</b> (may not be suitable for 720p and higher multi-media content) |                 |                                 |   |           |                |   |
| HP t5745  |                 |                                 |   |           | HP ThinPro     |   |
| HP t5740e   | WES 7           |                                 |   |           |                |   |
| HP t5740  | WES 2009        |                                 |   |           |                |   |
| HP t5565  |                 |                                 |   |           | HP ThinPro     |   |

| SENDER                    | Windows XP SP1, SP2, SP3 32-bit, x64 | Windows Vista Business and Enterprise 32-bit, 64-bit | Windows 7             | RHEL V4 (update 5+) V5 (update 2+) 64-bit, V6 |
|---------------------------|--------------------------------------|--|-----------------------|---|
| <b>Desktop and Mobile</b> |                                      |  |                       |   |
| Personal workstations     | •                                    | •  | •                     | HP distributions                              |
| Mobile workstations       | •                                    | •  | •                     |   |
| Desktop PCs               | •                                    | •  | •                     |   |
| Notebook PCs              | •                                    | •  | •                     |   |
| <b>Blade clients</b>      |                                      |  |                       |   |
| HP Blade Workstations     | •                                    | •  | ws460c                | HP distributions                              |
| VDI servers               | 32-bit hosted desktop                | 32-bit, non-aero only                                | 32-bit, non-aero only |   |

### Sender & Receiver system requirements:

- 1.5 GHz or greater processor with SSE2 multi-media instruction extension
- 32-bit color display adapter
- 512 MB minimum RAM

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#### Supported VDI Client Virtualization Software:

- Citrix XenServer v6
- VMware vSphere (ESX) v5

#### Client Virtualization Brokers that support RGS: (Contact these partners for more information and support details)

- Leostream
- Quest vWorkspace
- VDIworks

### License free on HP Workstations

With the release of version 5.4.7, HP RGS no longer required a license on HP Z Workstations and EliteBook Workstations. All other HP and non-HP hardware require one of the following licenses.

### RGS Products

#### Electronic Delivery (Except for Japan)

|                          |   |          |
|--------------------------|---|----------|
| <b>HP RGS</b>            | This product includes an <b>electronic</b> RGS Desktop License Entitlement Certificate. An RGS license is required for each RGS sender system.  | AW684AAE |
| <b>HP RGS VDI</b>        | This product includes an <b>electronic</b> RGS VDI License Entitlement Certificate. A separate RGS license is required for each simultaneous virtual machine session.   | AW681AAE |
| <b>HP RGS Multi-user</b> | This product includes an <b>electronic</b> RGS Floating Counted License Certificate. The license allows RGS to be installed on all systems and then “checked out” on a concurrent use basis up to the number of licenses purchased. | TA844AAE |

**NOTE:** These products require an end-user e-mail address identified on the order for delivery. Customer is responsible for creating back-up CD and hardcopy of LTU if needed.

#### Physical Delivery - Japan Only

|                          |  |         |
|--------------------------|--|---------|
| <b>HP RGS</b>            | RGS physical License Entitlement Certificate. (see above)      | AW686AA |
| <b>HP RGS VDI</b>        | RGS physical VDI License Entitlement Certificate. (see above)  | AW683AA |
| <b>HP RGS Multi-user</b> | RGS physical Floating Counted License Certificate. (see above) | AW693AA |

#### HP RGS Care Packs

|                        |  |        |
|------------------------|--|--------|
| <b>RGS 1-year 24x7</b> | Phone-in RGS software technical support. | UC267E |
| <b>RGS 1-year 9x5</b>  | Phone-in RGS software technical support. | UC268E |

**NOTE:** HP Care Packs for HP RGS provides phone-in software technical support only. HP recommends one care pack per 200 RGS users. May not be available in all countries

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