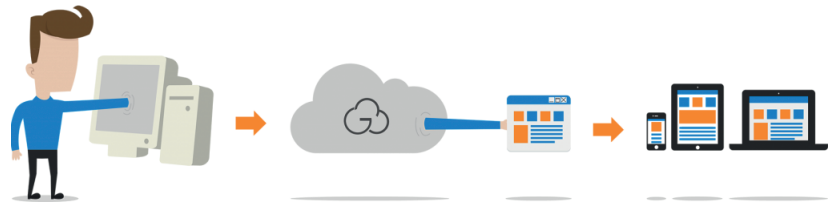


# G-Series Appliances Powered by Glassware 2.0™

## Access Applications on any Device

The variety of end user computing devices in commercial, public and educational settings is growing faster than IT managers could ever have imagined. Users want to experience applications on these devices with the same functionality they have come to expect on their traditional desktop computers or dedicated workstations. The software vendors these organizations have come to depend on have their own technology roadmap; one that may not align with that of their end users. Keeping up with today's shortened lifespan of hardware, operating systems, and browsers, makes it challenging for organizations to provide continued access and support to critical applications for their users. The current proliferation of BYOD in the workspace and the consumerization of IT further exasperates the situation.



Hosting applications on a server-based computing platform is an ideal way to address the challenges of delivering critical business applications to any device, anywhere. However, today's application hosting solutions require extensive planning, design, engineering, testing and, of course, investment. These legacy solutions almost always require many infrastructure components beyond the application server: communications gateways, application delivery controllers, session brokers, license management servers, database servers, high-performance application servers and expensive high-speed storage arrays. Careful workload and capacity planning is needed in advance to ensure each one of these components is sized correctly for current and future needs, as changing any one of these elements can be costly to the entire solution. In addition, many organizations do not have the highly skilled network and virtualization staff needed to implement and maintain a traditional application hosting solution.

Optimized for simplicity, flexibility and scalability, Sphere 3D's Glassware 2.0 platform eliminates the complex tasks of designing, implementing, and maintaining application hosting environments, extending the benefits of secure scalable server-based computing to all.

## Application Freedom

Glassware 2.0 extends the useful life of applications by decoupling the application from the underlying operating system. Glassware 2.0 can virtualize 16, 32, and 64-bit Microsoft Windows applications\* and deliver them with native functionality to most end user devices: Chromebooks, Windows 10 clients, iPads, thin clients, tablets, etc. Glassware 2.0 uses a container-based approach to application virtualization deployed on servers, coupled with a remote presentation capability, to seamlessly deliver applications to end user computing devices. Unlike hypervisor-based approaches, with Glassware 2.0 the application's host OS is never installed on the appliance (server). Instead, Glassware 2.0 provides only the necessary elements of the operating system an application needs to run. Organizations with older applications can now continue to run them on robust and current hardware platforms free from fears of end of life support and security vulnerabilities.

\*Sphere 3D professional services support may be required for 16 bit applications.

## Fast and Efficient Implementation

Glassware 2.0 virtualizes applications without requiring specialized virtualization skills and additional infrastructure. Each G-Series appliance drops-in to your distributed or centralized infrastructure. Using the Glassware 2.0 management interface, administrators can virtualize applications in minutes. User data can be flexibly stored in local or networked storage.

## Cost-effective and Highly Scalable

The break-through density of the Glassware 2.0 architecture opens up the business case for virtualization to almost any client application. Glassware's lightweight architecture offers significantly better application session density compared to both hypervisor-based virtualization and the current generation of containerization technologies.

### Software Overview

<b>Glassware 2.0</b>	<ul style="list-style-type: none"> <li>Virtualize 16, 32 and 64-bit applications built for Windows OS*</li> <li>Convert web pages into apps with supported browsers and plugins accessible by any device</li> <li>Seamless application delivery without desktop interface</li> <li>Native application functionality regardless of endpoint device type</li> <li>Unlimited named users</li> </ul>
<b>Included Software</b>	<ul style="list-style-type: none"> <li>Glassware 2.0 Virtualization Platform</li> <li>Virtual Application Orchestrator</li> </ul>
<b>Application Compatibility</b>	<p>General application compatibility guidelines for the GW2000:</p> <ul style="list-style-type: none"> <li>Primarily productivity applications</li> <li>16, 32 or 64-bit Windows applications*</li> <li>Applications do not require local database server installations or require database servers to run as a service</li> </ul>
<b>Endpoint Access</b>	<ul style="list-style-type: none"> <li>Android devices (including Kindle Fire)</li> <li>Apple iPad (app or Safari), Mac (via Safari, Firefox, Chrome, or Opera)</li> <li>Google Chromebook</li> <li>Windows PCs with HTML-5 or Java 6 browsers (IE, Firefox, Chrome, Opera)</li> <li>Windows RT devices (app or Internet Explorer)</li> <li>Embedded devices with browsers (Xbox One, Sony PS4, Smart TVs, etc.)</li> </ul>

\* Sphere 3D professional services support may be required for 16-bit and some applications.

### Appliance Specifications

<b>System Resources</b>	Intel Xeon E3 1220v2, 32 GB RAM 4 x 1TB SATA disks, mirrored
<b>Typical User Session Capacity</b>	<p>Concurrent users:</p> <ul style="list-style-type: none"> <li>100 users each with four productivity applications per session; or</li> <li>400 users each with one productivity application per session</li> </ul>

### Warranty and Support

<b>Warranty</b>	1 year Next Business Day, extendable and upgradeable; 9x5 Support
<b>Software Maintenance</b>	Software support and maintenance subscriptions available on annual basis

## Sales Offices

Sales and support for Sphere 3D products and solutions are available in over 90 countries. Contact us today at [sales@sphere3d.com](mailto:sales@sphere3d.com).

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