

# ORACLE SECURE GLOBAL DESKTOP

## ORACLE<sup>®</sup> Secure Global Desktop

*Oracle Secure Global Desktop is a secure remote access solution for any cloud-hosted enterprise application and hosted desktops running on Microsoft Windows, Linux, Oracle Solaris and mainframe servers. Oracle Secure Global Desktop works with a wide range of popular client devices, including Windows PCs, Macs, Linux PCs, Chromebook and tablets such as the Apple iPad and Android-based devices. The software gives users the ability to work securely from nearly any device, virtually anywhere, while providing administrators the tools they need to control access to applications and desktop environments resident in the data center.*

### KEY FEATURES

- Secure remote access solution
- Delivers access to cloud-hosted applications and desktops from nearly any device, virtually anywhere.
- Support for applications running on Windows, Oracle Solaris, Linux, HP-UX, AIX, AS/400, and mainframe servers.
- Supported clients include Windows PCs, Macs, Linux PCs, as well as iPad and Android tablets.
- Fast and easy browser-based access over LAN or WAN.
- SGD Gateway enables secure and convenient access through firewalls.
- SGD Gateway supports IPv6.
- Suspend and resume sessions across different devices and locations.
- Strong authentication, secure connections, controlled access.
- Username/password as well as ssh private key authentication to Unix servers
- Single Sign-On (SSO) integration with Oracle Access Manager, enables Oracle SGD users to access multiple applications with a single login and simplified password management.

### Secure, Versatile and Simplified Remote Access Solution

Users demand the ability to work from anywhere and on any device, while businesses demand protection of corporate digital assets and increased speed of application deployment. The traditional business laptop or PC architecture no longer meets the needs of many organizations. Taking a lead from the consumer world, where users are migrating more of their data to the cloud, many businesses are now migrating applications and data from the end-point device, back into the data center where those apps and data are more easily protected. In this architecture, Oracle Secure Global Desktop (SGD) provides users with secure remote access from nearly any device and in virtually every location to Windows, Linux, UNIX and mainframe applications running in the data center. and the data remains safe since it never leaves the data center.

This server-hosted application model is good for users and great for IT.

### Good for Users

Oracle Secure Global Desktop supports users connecting to the applications they need from inside and outside the corporate firewall. This means users can be free to work from any location. This freedom also extends to device choice. With the broad range of clients supported by Oracle Secure Global Desktop users can connect from their chosen device, without worrying about the client platform.

For example, users can access Windows applications on an iPad, or access Linux applications from Windows laptops. And because Oracle Secure Global Desktop offers session persistence, users can jump between devices, resuming sessions on different devices without missing a beat.

- Centralized monitoring of a multi-server Oracle SGD deployment with Oracle Enterprise Manager.
- Certified for use with Oracle's web-based applications such as Oracle E-Business Suite, Oracle's Siebel CRM, Oracle's Primavera, and many others.

#### KEY BENEFITS

- Eliminates the need to download, configure and maintain specific apps on tablet devices, as well as the need to pre-install client software on PCs and Macs – all you need is a web browser.
- Enables secure access to data centers – no VPN required with use of included secure gateway.
- Simplified access to all your Windows, Oracle Solaris, Linux, Oracle's web-applications, HP-UX, AIX, AS/400, and mainframe applications that are resident in the data center, from one single portal.
- Nearly instant deployment and configuration with a ready-to-run Oracle VM Template for Oracle VM 3, eliminating the need to separately install and configure the operating system and Oracle SGD.
- Cloud-ready configuration of Oracle SGD Gateway and Server component on the same instance.
- VM connectors to talk to Oracle VM VirtualBox and Oracle VM web services, to dynamically list launch candidates.

## Great for IT

Oracle Secure Global Desktop is an appealing choice for IT administrators. The architecture allows them to deploy applications to virtual clients without regard for the actual end-point devices. For example, if a particular web application requires a specific version of a browser, Java runtime, or plugin, the IT staff can set up the exact environment needed on a server that is under their control. With the servers under IT control in a secure environment, the corporate data is more easily secured too.

Oracle Secure Global Desktop puts the administrator in control. Users can only run the applications that the administrator has published to them via the Secure Global Desktop Administration Console. Integration with user directories such as Active Directory or Oracle Unified Directory, enables applications to be published to groups of users matching sophisticated queries.

Administrator control extends into the application session. Features such as copy and paste, printing, and drive mapping can be configured to enable even tighter control of application data.

In addition, Oracle Secure Global Desktop optimizes for available bandwidth and intelligently adapts the data sent to the client device. This provides a consistent user experience, no matter if the user is accessing applications on a LAN or remotely via the Internet. Designed to meet stringent security requirements, Oracle Secure Global Desktop leverages open standards such as HTML5, and provides industrial-strength security and encryption. It integrates with corporate standards such as the Lightweight Directory Access Protocol (LDAP), UNIX passwords, Pluggable Authentication Modules (PAMs), Oracle Internet Directory, and Microsoft Active Directory. Oracle Secure Global Desktop also comes with a secure gateway that enables access from anywhere, and helps eliminate the cost of maintaining VPN infrastructure.

Oracle Secure Global Desktop is certified for use with Oracle's web-based applications such as Oracle E-Business Suite, Oracle's Siebel CRM, Oracle's Primavera and many others to simplify client access specifically for Oracle Applications.

In addition, an Oracle VM Template is available as an alternative option for installing and configuring Oracle Secure Global Desktop. This Oracle VM Template is a ready-to-run Oracle VM virtual machine that eliminates the installation and basic configuration steps for the operating system and Oracle Secure Global Desktop.

Oracle Secure Global Desktop can talk to Oracle VM VirtualBox (vboxwebsrv) and Oracle Virtual Manager (version >3.4.x) web service APIs to configure dynamic launch hosts based on the guests configured, enabling a one-time configuration to respond dynamically to provisioned environments.

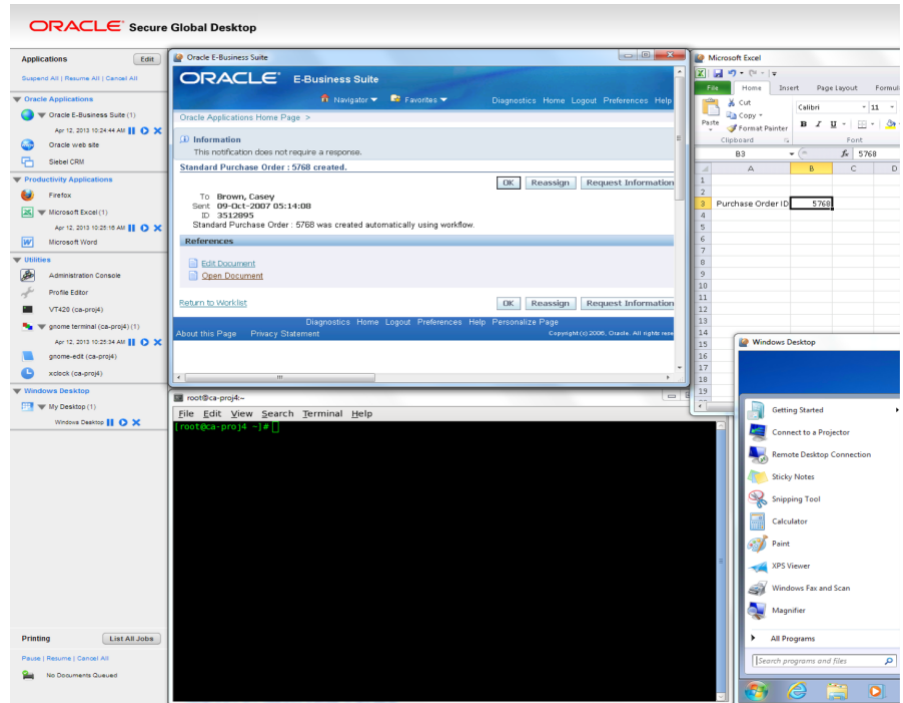


Figure 1. Oracle Secure Global Desktop is an ideal solution for accessing hosted workspaces (diverse application and desktop environments) resident in the data center from a single Web browser.

## ORACLE SECURE GLOBAL DESKTOP SPECIFICATIONS

### Supported Application Types

- *Native Windows applications and desktops*
- *Character applications running on Oracle Solaris, Linux, HP-UX, and AIX*
- *X applications running on Oracle Solaris, Linux, HP-UX, and AIX*
- *IBM mainframe and AS/400 applications*
- *Web applications (using HTML and Java technology)*

### Supported Application Types

- *Microsoft Remote Desktop Protocol*
- *HTTP*
- *HTTPS*
- *Secure shell*
- *Telnet*
- *VT, ANSI*
- *TN3270E*
- *TN5250*

### Supported Authentication Mechanisms

- *LDAP v3*
- *Microsoft Active Directory*
- *RSA SecurID*
- *Oracle Unified Directory*
- *Network Information Service*
- *PAM for UNIX user authentication*
- *Windows Domains*
- *HTTP, HTTPS including public key infrastructure–based client certificates*

**SERVER REQUIREMENTS**

<b>Hardware</b>	
Processor	1GHz
System Memory	2GB, plus 80MB per active user on the Oracle Secure Global Desktop Server (typical usage)
Disk Space	2GB, plus an additional 300MB during installation
<b>Software</b>	
Operating System	<ul style="list-style-type: none"> <li>• Oracle Linux 5.8 and later</li> <li>• Oracle Linux 6.2 and later</li> <li>• Oracle Linux 7.0 and later</li> <li>• Oracle Solaris 10 update 10 (8/11) and later</li> <li>• Oracle Solaris 10 update 10 (8/11) with Trusted Extensions and later</li> <li>• Oracle Solaris 11 and later</li> <li>• Oracle Solaris 11 with Trusted Extensions and later</li> </ul>
Network	Network interface card





**CLIENT REQUIREMENTS****Supported Client Platforms**

- Windows 7, Windows 8 and Windows 8.1 (Desktop mode), Windows 10
- Mac OS X 10.9, 10.10, 10.11, 10.12
- Oracle Linux 7
- Oracle Linux 6
- Oracle Linux 5
- Ubuntu 14.04, 16.04
- iOS 7, 8, 9, 10 on Apple iPad
- Android 4.x, 5, 6 tablets
- Chromebook (Chrome OS 38.0+)

**CONTACT US**

For more information about Oracle Secure Global Desktop, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.

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