



Windows Server® 2008 Terminal Services is a centralized application deployment and remote access solution that utilizes presentation virtualization, which separates where the application is used from where it is run, to help accelerate application deployments, improve remote worker efficiency and help secure critical data and applications.

Terminal Services is an effective solution for any type of organization, particularly those with a mobile workforce or work-from-home initiative, structured task workers – such as a call center, or branch office networks.

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| SOLUTION BENEFITS | | |
| ACCELERATE APPLICATION DEPLOYMENT | REMOTE WORKER EFFICIENCY | HELPING SECURE DATA AND APPLICATIONS |
| Terminal Services presentation virtualization accelerates and extends deployment of applications to a wide array of client devices helping make your organization more agile and responsive. | Terminal Services presentation virtualization helps simplify remote connectivity, enabling rich applications to be accessed from a web page and seamlessly integrated with a local desktop, improving remote worker efficiency. | Terminal Services presentation virtualization helps organizations keep critical intellectual property highly secure and helps radically simplify regulatory compliance by removing applications and data from the desktop. |

# Key Features of Terminal Services

* + **Terminal Services RemoteApp™** applications appear no different than local applications, tightly integrated with the task bar and new Windows Vista® features like 3-D flip. Terminal Services RemoteApp helps improve the end user experience and reduce training requirements.
  + **Terminal Services Gateway** provides a highly secure connection between internal applications and data to users outside the firewall. It delivers critical applications and data to mobile employees without additional VPN infrastructure.
  + **Terminal Services Web Access** helpssimplify application deployment by making applications available from a web page or a SharePoint portal without installing them on the local PC. Speed application deployment by quickly connecting users with the applications they need.
  + **Terminal Services Session Broker** delivers session-based load-balancing to a Terminal Services Farm. Terminal Services Session Broker helps bring better uptime and performance to your Terminal Services environment.
  + **Terminal Services Easy Print** leverages the client-side print driver (no server side driver needed) to enable fast and reliable printing to a local or network-attached printer. End users can more productively work from remote locations.

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| **For More Information:** | [**http://www.microsoft.com/windowsserver2008/terminal-services/default.mspx**](http://www.microsoft.com/windowsserver2008/terminal-services/default.mspx) |
| **Terminal Server 2008 Technical Resources:** | [**http://technet2.microsoft.com/windowsserver2008/en/servermanager/terminalservices.mspx**](http://technet2.microsoft.com/windowsserver2008/en/servermanager/terminalservices.mspx) |

# Key Scenarios for Terminal Services

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| Mobile WorkersToday’s employees are often mobile, work from home, hotels or customer sites. With Terminal Services, an organization can enable employee productivity virtually anywhere and increase effective user collaboration without compromising security features. Terminal Services can offer highly secure access to applications via low bandwidth connections, without requiring new applications to be distributed to every client. Employees see a consistent set of applications, and can access their own data regardless of location. | Controlled Partner Access or Outsourcing In an environment where there are complex applications such as Line of Business or customized in-house software, Terminal Services can greatly reduce the burden of having to deliver access to these applications to outsourced firms or partners. The client machines can access the applications they require from a central source, rather than having to have everything installed on their local machine. It is possible to limit access to specific LOB applications, rather than providing access to the full corporate network. |
| Branch OfficesTerminal Services can provide enhanced capabilities to branch offices and reduce the network bandwidth used by client/server applications. For example, a bank might have essential financial software applications that would not be cost-effective to deploy and maintain in every branch. With Terminal Services, the software can be run at a central headquarters and accessed as needed by employees in different locations. In addition, Terminal Services provides the flexibility to run both local and remote applications on the same client machine. By centralizing the deployment of LOB applications and providing them on an as-needed basis, IT administrators can save management time and gain more control over the network environment. | Merger Integration In the case of a merger, the merging companies will typically need to use consistent LOB applications on a variety of Windows operating system versions and configurations. Rather than going through the cost of deploying all of the LOB applications to all of the computers in the merged company, the LOB applications can be installed on a terminal server and made available through TS RemoteApp. This is especially useful when an application is difficult to patch or manage, can’t be distributed with Microsoft Systems Management Server (SMS), or has other management issues. |
| Task WorkersStructured task workers, such as call center and retail branch employees, often don’t need to access many applications to complete business processes. Sometimes the location is not appropriate for PCs, e.g., a factory floor. If the client machine is a legacy desktop, a non-PC desktop, or one of today’s portable devices, Terminal Services can often provide a better user experience than when installing the application on the machine itself. This type of deployment can extend the reach of Windows applications within the enterprise and is a valuable way to offer access to applications that the user might need only infrequently. | Helping Ease the Burden of Regulatory Compliance By helping to secure an application and its data in a central location, it is possible to reduce the risk of accidental data loss caused by, for example, the loss of a laptop. Using Terminal Services zero footprint application and data delivery helps ensure that as little data as possible resides on the client device. With TS Gateway and TS RemoteApp, users, partners, or customers do not need full access to a company network or computers, and you can limit them to a single application, if needed. |

**Licensing**

Terminal Server is licensed on a per-device or per-user basis and is not available on a per-server or concurrent basis. Each device or user, whether it connects directly to the terminal server, or indirectly via another server, requires appropriate licenses to be assigned to it. For more information about Terminal Services Licensing please go to <http://go.microsoft.com/fwlink/?LinkId=79607>