

Using Dragon NaturallySpeaking & Dragon® Medical Practice Edition on a Windows Server via Remote Desktop Connection

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Most users of Dragon NaturallySpeaking and Dragon® Medical Practice Edition run their software and user profile from their computer workstation. For physicians, in a multi-exam room office, the implementation of a Dragon roaming user scenario is employed, enabling users to synchronize their user profile across multiple networked computers.

However, there may be situations where a user accesses all other applications via a remote desktop connection rather than using locally installed applications. In such instances, Dragon may still be used with the same efficacy as if it were being used locally provided the hardware requirements are met.

Overview of Using Dragon on a Server

Through a remote desktop connection Microsoft Windows Server 2008 R2 and Windows 7 Ultimate Server includes the ability to enable audio redirection from a remote desktop connection into the server.

For Dragon NaturallySpeaking users, this allows speech recognition to take place over the network when Remote Desktop Connection version 7 (or higher) is used to connect the Windows client to the server.

End-users can connect to Dragon NaturallySpeaking running on a supported server from a workstation where Dragon is not installed. The workstation connects to a supported server using Microsoft™s free Remote Desktop Connection, version 7 or higher. This provides bi-directional audio with Windows Server 2008 R2 and Windows 7 Ultimate Server. End-users can use Dragon NaturallySpeaking on a server with the same applications they use Dragon with when Dragon runs on a workstation.

When Dragon NaturallySpeaking is installed on Windows Server 2008 R2 or Windows 7 Ultimate Server, Dragon detects when the RDC 7 client session starts and allows users to dictate into remote applications that are published on the server.

A single installation of Dragon NaturallySpeaking on Windows 7 Ultimate Server allows only one client connection at a time. A single installation of Dragon NaturallySpeaking on Windows Server 2008 R2 allows multiple client connections at once. Keep this in mind, as

well as server capacity and network bandwidth requirements, when you plan your configuration.

System Requirements for Dragon on Windows Server 2008 R2 or Windows 7 Ultimate Server

Server Operating System: Windows Server 2008 R2 or Windows 7 Ultimate Server. Windows Server 2008 R2 supports multiple client connections at the same time. Windows 7 servers only supports a single client connections at one time.

Software: Remote Desktop Connection 7 (RDC 7). The RDC 7 download is available here, and works for all operating systems: <http://support.microsoft.com/kb/969084>. Optionally, you can use USB Redirector rather than RDC 7.

Client Operating System: The following operating systems support Remote Desktop Connection 7 (RDC 7):

- Windows XP Service Pack 3, 32-bit
- Windows 7 (all editions), 32-bit and 64-bit
- Windows Vista Service Pack 1 and 2, 32-bit and 64-bit

Client Hardware – CPU and RAM:

- Windows XP: Pentium 300 MHz CPU and 256 MB RAM
- Windows Vista and Windows 7: 1 GHz CPU and 1 GB RAM (2 GB if 64-bit)

Network card: 100 Mbps capable network card

Server Hardware: For Windows Server 2008 R2, to support 6 concurrent users connecting to Dragon, the minimum requirements are:

- **Cache:** 1 MB L2 cache per CPU
- **CPU:** 3.x Ghz
- **Disk space:** 5 GB
- **Processor:** Multi-core processor with 4 cores
- **RAM:** 16 GB DDR2 RAM

Client Hardware: Disk space: 8 MB

Dictation source: End-users can use the same types of dictation sources as for a local installation of Dragon NaturallySpeaking.

Network:

- 100 Mbps connection speed

- Network bandwidth required per active end-user is 1.3 Mbps

Licensing

Regardless of how Dragon is used, licensing remains the same. Dragon is licenced per user, and each user is permitted up to 4 installations of Dragon.