



Delphi 9.5.2 Terminal Server System
Requirements

Revision 1.4

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Delphi 9.5.2 - Terminal Server System Requirements Based on Active Concurrent Users

Users	Category	Server Requirements
Up to 20	Processor: Memory: Disk Subsystem: Operating System:	2.0Ghz 4GB Two 36GB SCSI or SATA hard drives (RAID 1) RAID Controller Windows 2003 or Windows 2008 Server Standard with Terminal Services ¹
Up to 40	Processor: Memory: Disk Subsystem: Operating System:	Dual 3.0Ghz 8GB Two 36GB SCSI or SATA hard drives (RAID 1) RAID Controller Windows 2003 or Windows 2008 Server Enterprise with Terminal Services ²
41+	Multiple Load Balanced Terminal Servers Required	
Category		Additional Terminal Server Requirements
Network Protocol: NIC Speed: Citrix: Internet Explorer: Microsoft Office: Miscellaneous: Remote Access: Regional Settings/Foreign OS: Terminal Services:		TCP/IP 1000Mb Citrix Presentation Server XP, 3.0, 4.0 or 4.5 6.0 SP1, 7.0 2003 or 2007 Antivirus, UPS Recommended Please click here to view Newmarket International's Remote Access Statement Please see Newmarket International's Compatibility Grid Application Mode, Licensing required

Optional Delphi Components

Category	DelphiSync Requirements
Email Client: Network Access: Network Bandwidth: Server Components:	Outlook 2003 or 2007 HTTP (port 80) access between the Outlook client and web service 1.5 to 3.2Kbps during normal usage, 12 to 29Kbps during peak times Microsoft IIS (Internet Information Server)
Category	Windows Authentication
Delphi: Windows Domain Support:	Must be on running version 9.4 or higher before the implementation can begin All Delphi clients and server(s) must be in a single domain

Category	Crystal Reports
Crystal Reports 8.5:	Not supported on Windows Server 2008. Please see vendor for additional system requirements.
Crystal Reports XI:	Please see vendor for additional system requirements.

Remote Terminal Server Workstation Requirements

Category	Remote Workstation Requirements
Hardware Requirements:	See Microsoft RDP ³ or Citrix ICA client requirements
Network Protocol:	TCP/IP
Default Network Ports:	ICA (port 1494), RDP (port 3389)
Network Bandwidth/Latency:	42Kbps or better per active user session and <200 ms latency between client and Terminal Server
Video Resolution:	1024 x 768 required for all features
Remote Access:	Please click here to view Newmarket International's Remote Access Statement

Notes to customers on System Requirements

- System Requirements are minimum guidelines. Actual requirements will vary based on your system configuration, installed applications and usage.
- If system requirements are not met, the customer assumes responsibility of performance and compatibility issues as a result thereof.
- As the customer grows their business and data over time, it is possible that system upgrades would need to occur (for example, memory and disk subsystem).
- Customer assumes responsibility for ongoing maintenance, virus protection, data backup and security of their system.

Endnotes

¹ Crystal Reports is not supported on Windows Server 2008.

² Crystal Reports is not supported on Windows Server 2008.

³ Microsoft RDP is an option for connecting a small number of remote users. Contact your sales representative for details and operational limitations.