



Delphi 9.5.2 System Requirements

Revision 1.7

September 29, 2009

Delphi 9.5.2 - System Requirements

Users	Category	Server Hardware Requirements
Up to 15	Processor: Memory: Disk Subsystem:	2.0Ghz 1GB Two 36GB SCSI or SATA hard drives (RAID 1), 36GB partition size with 10GB free RAID Controller (Optional)
Up to 25	Processor: Memory: Disk Subsystem:	2.0Ghz 1GB Three 36GB SCSI hard drives (RAID 5) , 36GB partition size with 10GB free One 36GB hard drive for database backups (RAID 0) (Optional) ¹ RAID Controller
Up to 50	Processor: Memory: Disk Subsystem:	2.0Ghz 2GB Two 36GB SCSI hard drives for Operating System and Applications (RAID 1) , 36GB partition size with 10GB free Three 36GB SCSI hard drives for SQL database and log files (RAID 5) One 36GB hard drive for database backups (RAID 0) (Optional) ¹ RAID Controller
Up to 90	Processor: Memory: Disk Subsystem:	3.0Ghz 2GB Two 36GB SCSI hard drives for Operating System and Applications (RAID 1) , 36GB partition size with 10GB free Three 36GB SCSI hard drives for SQL database files (RAID 5) Two 36GB SCSI hard drives for SQL log files (RAID 1) Two 36GB hard drive for database backups (RAID 1) (Optional) ¹ RAID Controller
Up to 125	Processor: Memory: Disk Subsystem:	Dual 3.0Ghz 3GB Two 36GB SCSI hard drives for Operating System and Applications (RAID 1), 36GB partition size with 10GB free Five 36GB SCSI hard drives for SQL database files (RAID 5) Two 36GB SCSI hard drives for SQL log files (RAID 1) Two 36GB hard drive for database backups (RAID 1) (Optional) ¹ RAID Controller
Up to 200	Processor: Memory:	Dual 3.0Ghz 4GB

	Disk Subsystem:	Two 36GB SCSI hard drives for Operating System and Applications (RAID 1) , 36GB partition size with 10GB free Seven 36GB SCSI hard drives for SQL database files (RAID 5) Two 36GB SCSI hard drives for SQL log files (RAID 1) Two 72GB hard drive for database backups (RAID 1) (Optional) ¹ RAID Controller
Over 200	A custom specification will be provided. Please contact your sales representative.	
Category		Additional Database Server Requirements
	Operating System:	Windows Server 2003 or Windows Server 2008 ²
	Windows Domain:	Recommended for core Delphi, Required when using SQL Reporting Services with Newmarket's Data Model.
	Network Protocol:	TCP/IP
	NIC Speed:	100Mb (1000Mb Recommended)
	SQL Server:	SQL Server 2005 Standard or Enterprise ²
	Server Components:	Microsoft IIS (Internet Information Server), SMTP (for email functionality)
	Internet Explorer:	6.0 SP1, 7.0
	Miscellaneous:	Antivirus, Backup System, UPS Recommended, DVD Recommended
	Remote Access:	Please click here to view Newmarket International's Remote Access Statement
	Regional Settings/Foreign OS:	US English Only
	Terminal Services:	Administration Mode only, Application Mode not supported
	Time Synchronization:	Recommended that Delphi server and client time be in sync

Optional Delphi Components

Category		DelphiSync Requirements
	Email Client:	Outlook 2003 or 2007 ³
	Network Access:	HTTP (port 80) access between the Outlook client and web service
	Network Bandwidth:	1.5 to 3.2Kbps during normal usage, 12 to 29Kbps during peak times
	Server Components:	Microsoft IIS (Internet Information Server)
Category		Windows Authentication
	Delphi:	Must be on running version 9.4 or higher before the implementation can begin
	Windows Domain Support:	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.
----------------------------	---

LAN Workstation Requirements

Category	LAN Workstation Requirements
Processor:	2.0Ghz
Memory:	768MB Windows XP, 1GB for Windows Vista
Disk Space:	10% or more free space recommended
Network Protocol:	TCP/IP
NIC Speed:	100Mbps
Video Resolution:	1024 x 768
Operating System:	Windows XP Professional, Windows Vista Business or Ultimate ⁴
Internet Explorer:	6.0 SP1, 7.0
Microsoft Office:	2003 or 2007 - All Delphi clients require the same Office version
Miscellaneous:	Antivirus, Adobe Acrobat Reader
Regional Settings/Foreign OS:	Please see Newmarket International's Compatibility Grid
Time Synchronization:	Recommended that Delphi server and client time be in sync
Newmarket System Analyst PC:	Please click here to view Newmarket International's Remote Access Statement

Remote Workstation Connectivity (Workstations not on a LAN)

Remote Option	Remote Workstation Requirements
Terminal Services/Citrix:	Terminal server(s) required, please refer to Newmarket's Delphi 9.5.2 Terminal Server Requirements for additional detail

Integration Requirements

Category	Integration Requirements
Legacy Property Management:	Please see Delphi 9.5.2 Legacy Workstation Requirements documentation
Legacy Event Management System:	Dedicated workstation required, see LAN workstation specifications above
I-Server Web Services:	Please refer to Newmarket's I-Server 2.0 System Requirements for additional requirements

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 By default, Newmarket will configure SQL Server to perform a complete Delphi database backup on a nightly basis. With this optional array you may configure additional backups to occur during business hours.

² 32-bit or 64-bit supported, see Microsoft's system requirements for specific information and limitations of their products.

³ Outlook Web Access (OWA) and Outlook Express not supported

⁴ Windows XP Home Edition is not supported. Windows 7 is supported on Delphi 9.5.2 SP3 AP 11 or higher.