

Delphi 9.5.2 System Requirements

Revision 2.0

Newmarket International Inc.

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Users	Category	Server Hardware Requirements
Up to 15	Processor: Memory: Disk Subsystem:	2.0Ghz 1GB Two 36GB 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 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 hard drives for operating system and applications (RAID 1), 36GB partition size with 10GB free Three 36GB 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 hard drives for operating system and applications (RAID 1), 36GB partition size with 10GB free Three 36GB hard drives for SQL database files (RAID 5) Two 36GB hard drives for SQL log files (RAID 1) Two 36GB hard drive for database backups (RAID 1) (Optional) ¹ RAID Controller

Users	Category	Server Hardware Requirements
Up to 125	Processor: Memory: Disk Subsystem:	Dual 3.0Ghz 3GB Two 36GB hard drives for operating system and applications (RAID 1), 36GB partition size with 10GB free Five 36GB hard drives for SQL database files (RAID 5) Two 36GB 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: Subsystem:	Dual 3.0Ghz 4G Two 36GB hard drives for operating system and applications (RAID 1), 36GB partition size with 10GB free Seven 36GB hard drives for SQL database files (RAID 5) Two 36GB 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.	

Additional Database Server Requirements

Category	Server Requirements
Operating System:	Windows Server 2003 or Windows Server 2008 ² Standard or Enterprise edition
Network Protocol:	TCP/IP
NIC Speed:	100Mb (1000Mb Recommended)
SQL Server:	SQL Server 2005 Standard or Enterprise ²
Server Components:	Microsoft IIS (Internet Information Services), SMTP (for e-mail 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:	Recommend that Delphi server and client time be in sync.

Optional Delphi Components

Category	DelphiSync Requirements
E-mail Client:	Outlook® 2003, 2007, or 2010 ³
Network Access:	HTTP (port 80) or HTTPS (443) from the Outlook client to the Web service
Network Bandwidth:	1.5 to 3.2 Kbps during normal usage, 12 to 29 Kbps during peak times
Server Components:	Microsoft IIS (Internet Information Services)
Category	Windows Authentication
Delphi:	Must be running version 9.4 or later before the implementation can begin.
Windows Domain Support:	All Delphi clients and servers must be in trusted domains.
Category	Crystal Reports
Crystal Reports 8.5	Not supported on Windows Server 2008, Windows Vista®, or Windows 7. 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:	2.0 GHz
Memory:	768 MB Windows XP, 1 GB for Windows Vista
Disk Space:	10% or more free space recommended
Network Protocol:	TCP/IP
NIC Speed:	100 Mbps
Video Resolution:	1024 x 768
Operating System:	Windows XP Professional SP3, Windows 7 ⁴ , Windows Vista Business or Ultimate ⁵
Browser:	Internet Explorer 6.0 SPI, 7.0
Microsoft Office:	2003, 2007, or 2010 ⁶ (32-bit only). Office must be updated to the latest service packs and hot fixes on each client. All Delphi clients require the same Office version. Office must be installed locally on the client (workstation or Terminal Server)
Miscellaneous:	Antivirus, Adobe® Reader
Regional Settings/Localization:	Please contact Newmarket Support to determine if your location's regional settings are supported.
Time Synchronization:	Delphi server and client time must be in sync.
Newmarket System Analyst PC:	Please click here to view the Newmarket Remote Access Statement.

Remote Workstation Connectivity (Workstations Not On A LAN)

Category	Remote Workstation Requirements
Terminal Services/Citrix®:	Terminal server(s) required. Please refer to the Newmarket Delphi 9.5.2. Terminal Server Requirements documentation for additional information.

Integration Requirements

Category	Integration Requirements
Legacy Property Management:	Please see LAN Workstation Requirements documentation.
Legacy Event Management System:	Dedicated workstation required. Please refer to LAN workstation specifications
I-Server Web Services:	Please refer to the Newmarket 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 will need to occur (for example, memory and disk subsystem).
- The customer assumes responsibility for the on-going maintenance, virus protection, data backup, and security of their system.
- Newmarket provides limited support for virtual environments; however, support is not provided for performance-related issues within virtual environments. VMware by EMC or Microsoft Virtual Machine are the only virtual environment software products that fall under Newmarket International's limited support. All other products are not supported. Newmarket International will make reasonable efforts to resolve Newmarket International application issues that are reported. To isolate the source of a problem, Newmarket may require actions that could significantly impact the stability of the environment, such as disabling or removing non-Newmarket programs, or requesting that certain issues be tested in an environment that is not using virtual machines. Newmarket International will not make any program or database changes to ensure product functionality works as designed in virtual environments.

Endnotes

¹By 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.

²32-bit or 64-bit supported. See Microsoft's system requirements for specific information and limitations of their products.

³Outlook Web Access (OWA) and Outlook Express are not supported. 64-bit Outlook 2010 is not supported.

⁴Requires Delphi 9.5.2 SP3 or later.

⁵Windows XP Home Edition is not supported.

⁶64-bit Office is not supported. For Office 2010, Delphi 9.5.2 must be running AP 21 or later.