

# Delphi 9.5.3 System Requirements

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Version 1.2

Newmarket International, Inc.

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## Delphi 9.5.3 System Requirements

Users	Category	Server Hardware Requirements
Up to 15	<b>Processor:</b> <b>Memory:</b> <b>Disk Subsystem:</b>	2.0 GHz 2 GB Two 72 GB hard drives (RAID 1), 36 GB or greater partition size with 10 GB free space RAID controller (optional)
Up to 25	<b>Processor:</b> <b>Memory:</b> <b>Disk Subsystem:</b>	2.0 GHz 2 GB Three 72 GB hard drives (RAID 5), 36 GB or greater partition size with 10 GB free space One 72 GB hard drive for database backups (RAID 0) (optional) <sup>1</sup> RAID controller
Up to 50	<b>Processor:</b> <b>Memory:</b> <b>Disk Subsystem:</b>	2.0 GHz 4 GB Two 72 GB hard drives for operating system and applications (RAID 1), 36 GB partition size or greater with 10 GB free space Three 72 GB hard drives for SQL database and log files (RAID 5) One 72 GB hard drive for database backups (RAID 0) (optional) <sup>1</sup> RAID controller
Up to 90	<b>Processor:</b> <b>Memory:</b> <b>Disk Subsystem:</b>	3.0 GHz 4 GB Two 72 GB hard drives for operating system and applications (RAID 1), 36 GB partition size or greater with 10 GB free space Three 72 GB hard drives for SQL database files (RAID 5) Two 72 GB hard drives for SQL log files (RAID 1) Two 72 GB hard drive for database backups (RAID 1) (optional) <sup>1</sup> RAID controller
Up to 125	<b>Processor:</b> <b>Memory:</b> <b>Disk Subsystem:</b>	Dual 3.0 GHz 8 GB Two 72 GB hard drives for operating system and applications (RAID 1), 36 GB partition size or greater with 10 GB free space Five 72 GB hard drives for SQL database files (RAID 5) Two 72 GB hard drives for SQL log files (RAID 1) Two 72 GB hard drive for database backups (RAID 1) (optional) <sup>1</sup> RAID controller

Users	Category	Server Hardware Requirements
Up to 200	<b>Processor:</b> <b>Memory:</b> <b>Disk Subsystem:</b>	Dual 3.0 GHz 8 GB Two 72 GB hard drives for operating system and applications (RAID 1), 36 GB partition size or greater with 10GB free space Seven 72 GB hard drives for SQL database files (RAID 5) Two 72 GB SCSI hard drives for SQL log files (RAID 1) Two 144 GB hard drive for database backups (RAID 1) (optional) <sup>1</sup> RAID controller
Over 200	A custom specification will be provided. Please contact your sales representative.	

### Additional Database Server Requirements

Category	Additional Database Server Requirements
<b>Operating System:</b>	Windows Server® 2008 <sup>2</sup> Standard or Enterprise editions
<b>Windows Domain:</b>	Recommended for core Delphi, required when using SQL Server® Reporting Services
<b>Virtualized Environments:</b>	Limited support offered. Please contact Newmarket Support.
<b>Network Protocol:</b>	TCP/IP
<b>NIC Speed:</b>	1 Gbps
<b>SQL Server:</b>	SQL Server 2008 R2 Standard or Enterprise <sup>2</sup>
<b>Server Components:</b>	Microsoft® IIS (Internet Information Services), SMTP (for e-mail functionality)
<b>Browser:</b>	Internet Explorer® 7.0, 8.0
<b>Miscellaneous:</b>	Antivirus, backup system, UPS recommended, DVD recommended
<b>Remote Access:</b>	Please refer to the <a href="#">Remote Access Statement</a> .
<b>Regional Settings/Foreign OS:</b>	US English only
<b>Terminal Services:</b>	Administration Mode only, Application Mode not supported
<b>Time Synchronization:</b>	Delphi server and client time must be in sync.

## Optional Delphi Components

Category	DelphiSync Requirements
<b>Email Client:</b> <b>Network Access:</b> <b>Network Bandwidth:</b> <b>Server Components:</b>	Outlook® 2007 or 2010 <sup>3</sup> HTTP (port 80) or HTTPS (443) from the Outlook client to the Web service 1.5 to 3.2 Kbps during normal usage, 12 to 29 Kbps during peak times Microsoft IIS (Internet Information Services)
Category	Windows Authentication
<b>Delphi:</b> <b>Windows Domain Support:</b>	Must be running version 9.4 or later before the implementation can begin. All Delphi clients and servers must be in trusted domains.
Category	Crystal Reports
<b>Crystal Reports 8.5:</b> <b>Crystal Reports XI:</b>	Not supported on Windows Server 2008, Windows Vista®, or Windows 7. Please see vendor for additional system requirements. Please see vendor for additional system requirements.

## LAN Workstation Requirements

Category	LAN Workstation Requirements
<b>Processor:</b> <b>Memory:</b> <b>Disk Space:</b> <b>Network Protocol:</b> <b>NIC Speed:</b> <b>Video Resolution:</b> <b>Operating System:</b> <b>Browser:</b> <b>Internet Access:</b> <b>Microsoft Office:</b> <b>Miscellaneous:</b> <b>Regional Settings/Localization:</b> <b>Time Synchronization:</b> <b>Newmarket System Analyst PC:</b>	2.0 GHz 1 GB 10% or more free space recommended TCP/IP 100 Mbps (1 Gbps recommended) 1024 x 768 Windows XP Professional SP3 <sup>†</sup> , Windows Vista, Windows 7 <sup>4</sup> Internet Explorer 7.0, 8.0 For use with the dynamic URL Delphi feature 2007 or 2010 (32-bit only). <sup>5</sup> 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). Antivirus, Adobe® Reader Please see the Newmarket Compatibility Grid. Delphi server and client time must be in sync. Please refer to the <a href="#">Remote Access Statement</a> .

## Remote Workstation Connectivity (Workstations Not on a LAN)

Remote Option	Remote Workstation Requirements
Terminal Services/Citrix®:	Terminal server(s) required. Please refer to the Newmarket Delphi 9.5.3 Terminal Server Requirements for additional details.

## Integration Requirements

Category	Integration Requirements
Dun & Bradstreet:	Please refer to the Newmarket I-Server 2.0 System Requirements for additional information.
Legacy Property Management:	Please see Delphi 9.5.3 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 information.

## Remote Access for Services and Support

In accordance with the Newmarket Software License Agreement, the ability for Newmarket International, Inc. ("Newmarket") to provide timely, complete, and satisfactory services, installs, upgrades, and technical support depends on the customer allowing reasonable access to the Newmarket software server environment, databases, and applicable workstations.

Newmarket uses WebEx® as the primary means of remote connection. WebEx is an Internet-based service that allows connection to any workstation or server that has an Internet connection. The customer will not be charged any additional fees for the use of WebEx. WebEx is easy to use and very secure. To view a PDF document on WebEx security, go to: [http://www.webex.com/pdf/wp\\_security.pdf](http://www.webex.com/pdf/wp_security.pdf).

In addition to WebEx, Newmarket Support and Installation Technicians may also use Citrix® or Microsoft® RDP clients for servers connected directly to the Internet. Because many VPN clients are incompatible, the only Newmarket approved VPN client is Juniper Networks® VPN.

In addition to the remote access requirements, Newmarket Support and Installation Technicians may need download and upload FTP access to the Newmarket FTP site, as well as download access to the Microsoft download sites, to complete scheduled work at the customer site.

## Additional Information for Customers

- These system requirements are minimum guidelines. Actual requirements will vary based on your system configuration, installed applications, and use.
- If the 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 all responsibility for the on-going maintenance, virus protection, data backup, and security of their servers/system.
- Newmarket International 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's limited support.

All other products are not supported. Newmarket will make reasonable efforts to resolve Newmarket 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 will not make any program or database changes to ensure product functionality works as designed in virtual environments.

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<sup>1</sup> 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.

<sup>2</sup> 32-bit or 64-bit supported. See Microsoft's system requirements for specific information and limitations of their products.

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

<sup>4</sup> Home Editions of Microsoft Office operating systems are not supported.

<sup>5</sup> 64-bit Office is not supported. For DelphiSync with Office 2010, Delphi 9.5.3 must be running AP 2 or later.