System Requirements

This document lists the required system infrastructure to run your Blackbaud system. Blackbaud recommends the purchase of top-of-the-line equipment when possible and that organizations budget for continual upgrades to their system. Please note that minimum system requirements are subject to change, so make sure you have the latest information before making any purchases.

In addition to the following minimum requirements, Blackbaud strongly recommends the purchase and scheduled use of a tape or archival backup solution. The Blackbaud Management Console includes a backup utility to make or schedule backups while the database engine is running. Blackbaud recommends regular testing to ensure reliability.

The Raiser's Edge 7 Oracle (32-bit)

workstation minimum requirements	
operating system	♦ Windows XP Professional. SP3 is required. ♦ Windows Vista (32-bit and 64-bit). ♦ Windows 7 (32-bit and 64-bit). . **Note: Blackbaud does not support the use of Home operating systems.** **Note:** Microsoft Office XP, Office 2003, Office 2007 or Office 2010 (32-bit) is required to use the Microsoft Integration features.
processor (CPU)	Pentium IV-class or higher
memory (RAM)	1 GB minimum
disk space	1 GB minimum for program and system files and an additional 500 MB free disk space for processing activities and 300 MB for Oracle administrator files.
display	SVGA (800 x 600 resolution; 256 colors) minimum, 8-bit color or better

database server minimum requirements	
operating system	Windows 2008 Server 32-bit, Windows 2003 Server, Windows 2003 Server, Windows 2000 Server and Windows 2000 Advanced Server are supported. SP1 is required for Windows 2003 Server and SP2 is supported. SP4 is required for use with Windows 2000 Server and Windows 2000 Advanced Server. **Note**: *The Raiser's Edge* can be installed onto an existing Oracle installation; however, Blackbaud cannot provide support or expertise for the Oracle software on any platform other than Microsoft Windows 2000 and Windows 2003 for Intel processors.
Oracle Server	Supported versions of Oracle (32-bit) include 9i Release 2 and 10g Release 2.
processor (CPU)	Pentium IV or Pentium IV-class or higher, 2 GHz minimum for large networks (more than 10 users) and/or large databases (more than 250,000 records). Multiple CPUs are recommended. The Oracle database engine is resource-intensive and can consume all of a server's available capacity. A dedicated Oracle database server is almost always required. At a minimum, no other network database applications should reside on the Oracle server. Print services may be allowed, depending on the usage and workload on the server. **Note:** Larger networks and databases require faster processors.
memory (RAM)	1 GB minimum. More memory improves performance, especially as the number of users or database size increases.
disk space	Requirements vary, depending on the number of records and the additional modules used. Review the table below.

total number of records (constituents and gifts)	minimum disk space for database
Fewer than 150,000	1 GB
150,000 - 500,000	4 GB
500,000 - 1,000,000	10 GB
1,000,000 - 5,000,000	50 GB
5,000,000+	50 GB + 10 GB for every additional one million records

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hard disk	A high performance disk subsystem, such as SCSI-2 and RAID technology, is recommended
network protocol	TCP/IP

RE: Anywhere (formerly known as The Raiser's Edge for the Web)

workstation minimum requirements	
browser	Internet Explorer 7, 8 or 9
operating system	- Windows XP Professional. SP3 is required. - Windows Vista SP1 or higher is required. - Windows 7 (32-bit and 64-bit). **Note: Blackbaud does not support the use of Home operating systems.** **Note:** Microsoft Office XP, Office 2003, 2007 or Office 2010 (32-bit) is required to use the Microsoft Integration features.

web server minimum requirements note: separate web and database servers are required	
operating system	- Windows 2003 Server installed with IIS 6.0. - Windows 2008 Server (32-bit) installed with IIS 7.0 - Windows 2008 Server R2 (64-bit) installed with IIS 7.0
processor (CPU)	Pentium IV or Pentium IV-class or higher, 2 GHz minimum for large networks (more than 10 users).
memory (RAM)	1 GB minimum
disk space	1 GB minimum for *The Raiser's Edge* 7 workstation components and an additional 30 MB for **RE:Anywhere**.
internet connection	You need a permanent internet connection to your web server and access from your web server to *The Raiser's Edge*. Blackbaud recommends a high-speed internet connection. **Note:** To set up an internet connection and register a domain name, contact your local Internet Service Provider (ISP).
security	Blackbaud recommends securing your web server with Secure Socket Layer (SSL) or equivalent technology to prevent unauthorized access to transmitted data. **Note:** Blackbaud is not responsible for the installation, configuration, and testing of any web security measures. Blackbaud assumes no responsibility for the security of your web server and any adverse consequences resulting from security issues. Blackbaud software does not establish or modify security on the web server. Refer to www.microsoft.com for specific security measures and NTFS permissions needed by Windows 2000 and Windows 2003 and IIS.

RE: NetSolutions

The optional suite of products **RE:NetSolutions** enables you to extend your fundraising activities to the Internet. It includes **RE:NetDonors, RE:NetEvents, RE:NetMail, RE:NetDirectories, RE:NetVolunteers, RE:NetMembers, and RE:NetAdvocacy.**

No additional hardware is required. To use **RE:NetSolutions**, you need the following:

- A web site
- An internet connection
- Internet Explorer 7, 8 or 9 to set up your web pages and download online gifts and event registrations.
  Note: Donors can access your NetSolutions pages with any HTML 3.2-compliant browser. Internet Explorer is recommended however as user experience can vary from browser to browser.
- A merchant account with IATS, a division of Ticketmaster Canada Ltd. Visit the *The Raiser's Edge* FAQ section found under the Support section on our web site on how to setup your IATS account.

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RE:NetAdvocacy requires a CapWiz subscription. **RE:NetAdvocacy** is compatible with CapWiz XC. For questions on purchasing a subscription or enabling this integration, please contact your Blackbaud Account Executive.

AddressAccelerator

This optional subscription service is available via download from our web site or via DVD shipment. You will need a DVD drive which is capable of reading a DVD-R formatted disc on any servers or workstations on which the update is installed.

AuctionMaestro Pro

For AuctionMaestro Pro system requirements, visit http://www.maestrosoft.com/MSpro-ampro-inside.html#sysreq.

The Raiser's Edge Mobile Web Service

In order for mobile users to connect to your database in *The Raiser's Edge*, you must have the *Mobile Service for The Raiser's Edge* installed and running on your server or a single workstation that stays on, and is always connected to the Internet.
Note: *The Raiser's Edge* does not need to be open and running at all times for users to use the mobile application. Rather, the server or workstation just needs to remain on.

Supported Devices:
Android
Android OS v2.2+

BlackBerry
BlackBerry OS 5.x, 6.x, and 7.x
 HTTP connectivity via BES, BIS, or WAP 2.0
SD Card or eMMC

iOS
iPhone or iPod Touch OS 4.4+ and iPad OS 4.4+

Mobile Event Management

In order for Mobile Event Management users to connect to your database in *The Raiser's Edge*, you must have the *Blackbaud Web Services for The Raiser's Edge* installed and running on your server or a single workstation that stays on, and is always connected to the Internet.
Note: *The Raiser's Edge* does not need to be open and running at all times for users to use the mobile event management application. Rather, the server or workstation just needs to remain on.

Supported Device:
iOS
iPad OS 4.4+

Other Compatibility Information

third-party software	The following third-party software is included with **The Raiser's Edge 7** installation: ♦ Crystal Decisions *Crystal Reports for Blackbaud* version XI (one user license) ♦ Microsoft Windows Installer 3.1 ♦ Microsoft Data Access Components (MDAC) 2.8 ♦ Microsoft .NET Framework 2.0 ♦ Visual Basic for Applications (VBA) Components ♦ Crystal Report XI Runtime Components ♦ Internet Explorer 6.x ♦ *Visual Basic for Applications* (optional module) **The Raiser's Edge 7.81** and higher *is* only supported with Oracle (32-bit) 10g and 9i Standard and Enterprise versions. **The Raiser's Edge 7.6** and higher is only supported with Oracle (32-bit) 9i Standard and Enterprise versions. Oracle (32-bit) 9i Standard and Enterprise and Oracle (32-bit) 8.1.7 Enterprise

	versions are supported with *The Raiser's Edge 7.01*. Earlier Oracle versions cannot be used with *The Raiser's Edge*. Future versions of Oracle will be supported after Blackbaud has certified the use of that Oracle version with *The Raiser's Edge*. Future versions of *The Raiser's Edge* may require that you upgrade your Oracle database version.
bar code scanner	A laser printer and bar code reader capable of reading a 12 point 3 of 9 bar code font are required to support bar code printing and scanning in mailing and batch entry facilities. **Note:** Serial bar code scanners are not supported.
credit card processing	Credit card processing in The Raiser's Edge Enterprise works with Blackbaud Merchant Services (BBMS), IATS, CyberSource and Beanstream to authorize and transfer credit card transactions. For more information on processing credit cards in The Raiser's Edge Enterprise, refer to BB118918 in our Knowledgebase. **Note: Multiple merchant accounts are supported with The Raiser's Edge Enterprise and BBMS or IATS.**
electronic funds transfer	The optional module **RE:EFT for Electronic Funds Transfer** allows you to process direct debits and credit card transactions. For Canada, supported bank EFT formats are the following: - CPA 1464 Standard Format - CIBC 1464 Standard Format - Royal Bank 1464 Standard Format - National Bank 1464 Standard Format - Toronto Dominion 1464 Standard Format - Scotia Bank **RE:EFT** also works with IATS to process electronic transmission files for credit card gifts. Refer to the Credit Card Processing section for IATS product information. Following are the supported bank EFT formats for Standing Orders in the United Kingdom: - Barclays - Natwest - Bank of Scotland - Lloyds - Royal Bank of Scotland - Bank of Ireland - HSBC - Co-Operative Bank For direct debits in the United Kingdom *The Raiser's Edge* works with any bank that have a BACS eligible system.
email	MAPI-compliant (a Microsoft email standard) email system is required. **Note:** Some vendors do not fully implement the MAPI standard. Blackbaud cannot guarantee these products will work with email features in *The Raiser's Edge*. Blackbaud has tested compatibility with Microsoft Outlook XP, 2003, 2007 and 2010 (32-bit) only.
mail merge	Microsoft Word versions XP, 2003, 2007 and 2010 (32-bit) Professional are supported.
printers	Blackbaud does not make specific printer requirements. It is not possible for Blackbaud to design for and test reports and forms with every printer; therefore, results with other printers may vary. Reports and forms in Blackbaud products have been specifically designed and tested with HP LaserJet laser printers. Speed, quality, and usability are generally best achieved with more recent printer models. Updated printer drivers, available directly from the printer or operating system manufacturer, may be necessary for compatibility with Blackbaud products. Consult with reputable vendors and suppliers to determine the best choice for your organization's needs.
server-based computing	Blackbaud's thin-client solution is **RE:Anywhere** (formerly **The Raiser's Edge for the Web**), which provides access to *The Raiser's Edge* via the internet or your intranet. The web version offers similar features and a similar appearance to *The Raiser's Edge 7*. A Web browser on your workstation is required. For more information, refer to the **RE:Anywhere** requirements.

Business Forms

Blackbaud Business Forms offers pre-printed computer forms (such as gift receipts, pledge reminders, phonathons, membership cards and renewals) and envelopes that have been specifically designed for use with *The Raiser's Edge*. Blackbaud forms are guaranteed to align correctly and can be customized to your organization's specifications, using your logo, special inks, and print styles. Pre-printed forms from other suppliers are not guaranteed to align properly. For more information about *Blackbaud Business Forms*, visit the Products section of our Web site or request information by sending an email to forms@blackbaud.com.