

Progress OpenEdge 10

VSI develops its application software using the Progress OpenEdge Development software and deploys using Progress OpenEdge Deployment software that includes Client Networking; Web Client; Query/Results; Load Balancer; Personal, Workgroup, & Enterprise RDBMS (embedded database) with RDBMS support for 4GL, SQL, ODBC, JDBC, & Enterprise Cluster Manager Integration; and, OpenEdge Application Server, Basic and Enterprise Editions, Replication.

The Progress supported 32-Bit and 64-Bit platforms are listed by OpenEdge Edition and by supported operating system. Further, each operating system is listed by certification type: Certified, Build Platform, and Limited. Please review the Progress definitions for each below. For each non-Progress developed application, please refer to the documents specific to that add-on for operating system requirements. See Progress OpenEdge 10 Platform Availability for details.

VSI's Release 10 RecTrac, GolfTrac, MainTrac, WebTrac, TeleTrac, FinTrac, PayTrac, and PDATrac 32-bit software applications are certified for Windows 2000 (client/server), 2003 (server), 2008 (server)*, XP Pro (client), Vista (client), and Tablet XP 2005 (client), Linux (server), and Unix (server) platforms using the required TCP/IP network protocol. Progress OpenEdge 10.1B Platforms and Supported Operating Systems **as of November 10, 2009** are: (See last page for Windows 2008R2 Server and Windows 7 status)

Open Edge 10.1B 32-Bit Platforms:

MS Windows x86 Certified Platforms Vista B/E/U requires 10.1B03 Patch-call VSI	Windows XP Pro SP2/SP4, Server 2000 SP4, Server 2003 Standard SP1 & 2003 Enterprise SP1, Server 2003 R2, Server 2008*, Vista, JVM 1.4.2
MS Windows x86 Build Platforms	Windows 2000 Pro SP4, JVM 1.4.2
MS Windows x86 Limited Platforms	Windows Tablet XP 2005, JVM 1.4.2
IBM AIX (Power PC) Build Platform	AIX 5L v5.2 + Maintenance Update 1 + Patch IY43963, JVM 1.4.2
IBM AIX (Power PC) Limited Platform	AIX 5L v5.3, JVM 1.4.2
Linux x86 Certified Platforms	Red Hat Enterprise AS/ES/WS 3.0, 4.0, 5.0; Desktop 5 w/WS; SuSE Enterprise 8, 9, & 10, JVM 1.4.2
Linux x86 Build Platforms	Red Hat Enterprise AS 2.1, JVM 1.4.2
HP-UX (PA-RISC) Certified Platforms	HP-UX 11i v2 & v3 (11.23), JVM 1.4.2
HP-UX (PA-RISC) Build Platforms	HP-UX 11i v1 (11.11) + PHSS_28023+ PHCO 32761, JVM 1.4.2
Solaris Sparc Certified Platform	Solaris 10, JVM 1.4.2
Solaris Sparc Build Platform	Solaris 9, JVM 1.4.2
SCO UnixWare Build Platforms	UnixWare 7.1.4, JVM 1.4.2
SCO UnixWare Limited Platforms	SCO Open Server 6, JVM 1.4.2

Open Edge 10.1B 64-Bit Platforms:

MS Windows x86 Limited Platforms	Windows 64 (XP & 2003, Server 2008*), JVM 1.4.2
IBM AIX (Power PC) Build Platform	AIX 5L v5.2 + Maintenance Update 1 + Patch IY43963, JVM 1.4.2
IBM AIX (Power PC) Limited Platform	AIX 5L v5.3, JVM 1.4.2
IBM AIX (Power PC) Certified Platform	AIX 6.1
Linux x86/AMD64-EM64T Certified Platforms	Red Hat Enterprise AS/ES/WS 4.0, 5.0, Adv, Desktop w/WS; SuSE Enterprise 9 & 10, rPATH, JVM 1.4.2
Linux x86/AMD64-EM64T Build Platforms	Red Hat Enterprise AS/ES/WS 3.0, JVM 1.4.2
Linux on Power (IBM) Build Platforms	Red Hat Enterprise Linux AS/ES/WS 4.0, JVM 1.4.2 SR3
HP-UX Itanium2 (IA64) Build Platforms	HP-UX 11i v2 Itanium2, JVM 1.4.2
HP-UX Itanium2 (IA64) Certified Platforms	HP-UX 11i v3, JVM 1.4.2
HP-UX Tru64 (Unix) Build Platforms	HP Tru64 v5.1B, JVM 1.4.2
HP-UX (PA-RISC) Certified Platforms	HP-UX 11i v2 (11.23), v3, JVM 1.4.2
HP-UX (PA-RISC) Build Platforms	HP-UX 11i v1 (11.11) + PHSS_28023+ PHCO 32761, JVM 1.4.2
Solaris Sparc Certified Platform	Solaris 10, JVM 1.4.2
Solaris Sparc Build Platform	Solaris 9, JVM 1.4.2

Progress Definitions – Build, Certification, & Limited

Build Platforms – this operating system edition is used to compile and build OpenEdge Binaries. Custom binary creation using OpenEdge Build Scripts should be performed using this Operating System.

Certification – this operating system edition has been tested using the binaries created under the Build Platform.

Limited – certain restrictions apply, as described in the Progress Platform & Product Notes section.

http://www.progress.com/progress_software/products/docs/bu_sep/openedge_10_availability_guide.pdf

IMPORTANT

The Progress OpenEdge Application Server, RDBMS, DataServer, Architech, Studio, Management, Replication, and Transaction Server software is certified for Windows, Linux, and UNIX. However, the VSI Application Server Scheduler “timer” and all of the current credit card interfaces provided by the processors only work on a Windows platform.

Therefore, VSI currently supports the following:

- Database Server - Windows, Linux, & UNIX.
- Application Server - Windows only.
- Transaction Server (WebTrac) – Windows only.
- Web Server – Windows with IIS or Linux with Apache

All clients must have full access (read, write, delete) to a common folder somewhere on your network. This folder is used to store receipts that are created as PDF files and JPG images used in our photo ID module. How this access is made available to the client, database server, and application server are network decisions that must be made by the customer as they can be unique by user. User access to this common folder must exist on the network for all clients, the database server, and the transaction server. Please refer to the WebTrac Installation Planning Guide for configuration options.

Progress Application Virtualization Software Support & Certification Policies

Products, such as Citrix Metaframe, Citrix Presentation Server, HOBLink, VMware, ZenSource, and Windows Terminal Server are products that provide an abstraction layer that decouples the physical hardware from the “guest” operating system to deliver greater resource utilization and flexibility. In this environment, Progress guarantees support for the “guest” operating system, but not for the Application Virtualization Software. Progress will provide “best effort” support, but can only log product deficiency bugs, if a problem can be demonstrated in a non-Application Virtualization Software environment. Although Progress has not formally certified OpenEdge 10 products with Application Virtualization Software, they have evaluated them with the following products with no known issues:

Citrix Metaframe XPe	VMware Workstation 5 (MS Windows)
Citrix Metaframe v1.8 for W2000	VMWare ESX Server 2.5 and above (Windows)
Citrix XenServer (formerly XenSource)	VMWare ESX 3.0.2 (MS Windows)
Windows Terminal Server (2000, 2003)	VMware ESX 3.5 (MS Windows)
Citrix Presentation Server (3.0 & 4.0 MS Windows)	HOBLink (MS Windows)
Solaris Zones/Containers	IBM Virtual I/O Server for AIX
HP Itanium Virtualization	Microsoft Hyper-V Server 2008

Disk Format

VSI recommends formatting disk drives as NTFS rather than FAT32 because of file handling limitations of FAT32.

Small LAN Networks

If only 2–5 workstations in a small LAN network, you can optionally install the VSI software and database on a Windows 2000, XP PRO, or Vista workstation, and then share the database PTP with the other workstations.

Backups

Be sure to include the appropriate databases in the automated backups—LiveVault online backup, Progress online backup, daily magnetic media backup, other network disk drives.

RAID

If you expect high transaction volume involving extensive reads/writes to disk, Progress recommends RAID 1 or 1+0 (Mirroring & Striping) for best database performance. However, if you expect light volume read/writes to disk, but high volume read only for inquiries and reports, RAID 5 works well.

*Windows 2008 Server

Progress is aware of the following issue: The Progress Explorer Tool in Open Edge 10.1B does not work with Windows 2008 Server. The workaround is to run the Explorer Tool from a client workstation and do a remote connection to the Windows 2008 Server. Progress is writing a new User Interface to handle Windows 2008 Server, but it is unlikely that a fix for the Explorer Tool issue will be included in any Progress 10.1 version. If you expect to load RecTrac on a Windows 2008 Server, you should plan to run Explorer Tool from a client workstation until such time as the issue is corrected.

Windows 2008 Server and Windows 7 Status

Progress plans to certify the Windows 7 and Windows Server 2008 R2 operating systems for use with their products by the end of the first quarter of 2010. The anticipated certified Progress release will be in the form of a patch for Progress 10.2a and 10.2b. As of January 25, 2010 the latest Progress “Availability Guide” had no mention of the Windows 7 or Windows Server 2008 R2 operating system; however, once Progress officially confirms a certified version, Vermont Systems will then be able to begin our own product certification process.

Be advised if you should decide to purchase Windows 7 or the Windows Server 2008 R2 Operating Systems, you will essentially be beta testing. While Progress software has previously functioned well with new operating systems without any known issues prior to official certification, please understand that you are assuming some risk in doing so.

Additionally, Vermont Systems has not qualified any 64-bit operating systems. Therefore, similar to the Vista Operating System, once we have overcome any software specific installation issues, we will begin testing peripherals and interface processes with these new releases.

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