

# OpenEdge® 10 Platform & Product Availability Guide

Last updated: **September 17, 2009**

Previous version: **September 14, 2009**

## Introduction

The OpenEdge® Platform & Product Availability Guide reflects the current commercial releases for Progress Software's OpenEdge 10 products. This document does NOT address unannounced future product release plans. The information contained in this document is updated on a regular basis and is subject to change without notice.

For information on the Progress® product line (Progress Versions 8 through 9), please see the *Progress Platform & Product Availability Guide*.

[http://www.progress.com/progress\\_software/products/docs/bu\\_sep/pavail.pdf](http://www.progress.com/progress_software/products/docs/bu_sep/pavail.pdf)

## Update Summary

Updates are highlighted in red.

- **Added support for VMware ESX 4.0 (Virtualization)**

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## OpenEdge 10.2A Platforms (Active)

### 32-Bit Platforms

Platform	Media ID	OpenEdge Edition (Lifecycle status)	Supported OS Edition (s)	Certification Type	32 Bit JVM entry level
MS Windows (x86)	CD 146 DVD 195	10.2A (Active)	Windows XP Professional	Certification	1.5
			Windows Service Pack 2 WinXP SP2	Certification	
			Windows Server 2003 R2	Build Platform	
			Windows Server 2008 (see note P) (10.1B)	Certification	
			Windows Vista (note N)	Certification (10.1B03)	
			Windows Tablet XP 2005	Limited (See Note F)	
IBM AIX (POWER PC)	CD 156 DVD 200	10.2A (Active)	AIX 5L 5.3 (TL-7)	Build platform	
			AIX 6.1	Certification	
Linux	CD178 DVD 204	10.2A (Active)	Red Hat Enterprise Linux AS/ES/WS 4.0 (update 5)	Build Platform	
			Red Hat Enterprise Linux 5 Advanced Red Hat Enterprise Linux 5 Red Hat Enterprise Linux Desktop 5 with Workstation	Certification	
			SuSE Enterprise Server 9 (patch information page 12)	Certification	
			SuSE Enterprise Server 10	Certification	
			SuSE Enterprise Server 11 (see note R)	Certification	
			rPATH Linux Release 1	Certification	
HP-UX (PA-RISC)	CD 173 DVD 196	10.2A (Active)	HP-UX 11i v1 (11.11) + 12/2002 quality pack + GOLDBASE11i June 2007 + TOUR 3.1 Transport Optional Upgrade Release + PHKL_28512 POSIX_AIX JFS Patch	Build Platform	
			HP-UX 11i v2 (11.23)	Certification	
			HP-UX 11i v3	Certification	
Solaris (SPARC)	CD 157 DVD 202	10.2A (Active)	Solaris 9 04/03 + kernel patch 112233-12	Build Platform	
			Solaris 10	Certification	
SCO UnixWare	CD 191 DVD 206	10.2A (Active)	UnixWare 7.1.4	Build Platform	
			SCO OpenServer 6	Limited (See Note H)	

### 64-Bit Platforms

Platform	Media ID	OpenEdge Edition (Lifecycle status)	Supported OS Edition (s)	Certification Type	64 Bit JVM entry level
MS Windows (x86) (32-bit)	CD 146 DVD 195	10.2A	Windows 64 (XP, 2003 R2 (10.0B), Vista (10.1B03), 2008 (10.1B))	Limited (See Note A Q, & P)	1.5
MS Windows (x86)	CD 212 DVD 218	10.2A ( Limited Ship)	Windows Server 2003 R2	Build Platform	
			Windows Server 2008	Certification	
IBM AIX (POWER PC)	CD 187 DVD 201	10.2A (Active)	AIX 5L v5.3 (TL-7)	Build Platform	
			AIX 6.1	Certification	
HP-UX Itanium2 (IA64)	CD 186 DVD 197	10.2A (Active)	HP-UX 11i v2 (11.23) Itanium2	Build Platform	
			HP-UX 11i v3	Certification	
Linux (x86_64)	CD 192 DVD 205	10.2A (Active)	Red Hat Enterprise Linux AS/ES/WS 4.0 (update 5)	Build Platform	
			Red Hat Enterprise Linux 5 Advanced	Certification	
			Red Hat Enterprise Linux 5		
			Red Hat Enterprise Linux Desktop 5 with Workstation	Certification	
			SuSE Enterprise Server 9 (patch information page 12)		
			SuSE Enterprise Server 10		
			SuSE Enterprise Server 11 (see note R)		
Linux on POWERPC	CD 209 DVD 210	10.2A (Active)	rPATH Linux Release 1	Certification	
			Red Hat Enterprise Linux AS/ES/WS 4.0 (update 3)	Build Platform	
HP-UX (PA-RISC)	CD 175 DVD 198	10.2A (Active)	HP-UX 11i v1 (11.11) + 12/2002 quality pack + GOLDBASE11i June 2007 + TOUR 3.1 Transport Optional Upgrade Release + PHKL_28512 POSIX_AIX JFS Patch	Build Platform	
			HP-UX 11i v2 (11.23)	Certification	
			HP-UX 11i v3	Certification	
Solaris (SPARC)	CD 182	10.2A (Active)	Solaris 9 04/03 + kernel patch 112233-12	Build Platform	

	DVD 203		Solaris 10	Certification	
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## OpenEdge 10 Products

### OpenEdge Availability by Platform

Implied support for OpenEdge 10.0B, 10.1x, 10.2A editions unless otherwise stated.

Product Category	Product Name	Certification and key functionality details	MS Windows Intel		Linux x86 Intel		Linux on POWER	SCO UnixWare	IBM AIX 5L POWERPC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	Notes
			32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	32 Bit	32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	
OpenEdge Development	WebSpeed® Workshop		✓													
	4GL Development System		✓		✓	✓	✓	☒	✓	✓	✓	✓	✓	✓	✓	L
	Translation Manager		✓													
	Visual Translator		✓													
	OpenEdge Studio	Includes Progress Dynamics®	✓													L
	OpenEdge Development Server		✓	✓	✓	✓	✓	☒	✓	✓	✓	✓	✓	✓	✓	L
	OpenEdge Architect	Available for 10.1A and above	✓													L
	OpenEdge Ultra Controls for .NET	Available for 10.2A and above	✓													L
OpenEdge Deployment	Client Networking		✓		✓	✓	✓	☒	✓	✓	✓	✓	✓	✓	✓	L
	Query/Results		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge Personal RDBMS OpenEdge Workgroup RDBMS OpenEdge Enterprise RDBMS	OpenEdge RDBMS (All editions) 4GL & SQL RDBMS support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	E,Q
		Support for SQL Stored Procedures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Q
		Native JDBC Drivers Type-4 v3.7 (10.1C)	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	J,Q
		Cluster Manager Integration (OpenEdge Enterprise RDBMS only)	✓						✓	✓	✓	✓	✓	✓	✓	B
		ODBC Drivers (embedded) v5.3 (10.1C)	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	A,J, Q
	WebClient™		✓													L
	NameServer Load Balancer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge DataServer for Oracle	Oracle 11g R1 (10.1C and above)	✓	✓	✓	☒			☒	✓	✓	✓			✓	C
		Oracle 10gR2 (10.1A and above)	✓	✓	✓	✓	✓	☒	☒	✓	☒	✓		✓	✓	C
		Oracle 10g R1 (10.1.04 recommended)	✓	✓	✓	✓	✓	☒	☒	✓	☒	✓		✓	✓	C
		Oracle 9i (9.2)	✓	✓	✓	✓			☒	✓	☒	✓		✓	✓	C
	OpenEdge DataServer for ODBC	Sybase Adaptive Server 12.5	✓	✓												
		DB2 UDB 8.1 (10.1B and above)	✓	✓												
		DB2 UDB 9.2 (10.1B and above)	✓	✓												
		DB2/400 (V5R2) DB2/400 (V5R3) (10.0B02 above)	✓	✓												S
	OpenEdge DataServer for Microsoft SQL Server	MS SQL Server 2000	✓													
		MS SQL Server 2005 (10.1B02 and above)	✓	✓												K
		MS SQL Server 2008 (Except Native Client 10 driver)	✓	✓												K
	OpenEdge Application Server	Basic Edition	✓	✓	✓	✓	✓	☒	✓	✓	✓	✓	✓	✓	✓	N
		Enterprise Edition	✓	✓	✓	✓	✓	☒	✓	✓	✓	✓	✓	✓	✓	N
	OpenEdge Explorer		✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	O
✓ Fully Supported Platform/Product ☒ Limited Supported Platform/Product ☐ Unsupported Platform/Product																

## OpenEdge Availability by Platform (continued)

Product Category	Product Name	Certification and key functionality details	MS Windows Intel		Linux x86 Intel		Linux on POWER	SCO UnixWare	IBM AIX 5L POWERPC			Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	Notes
			32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	32 Bit	32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit		
OpenEdge Deployment	Adapters (not all of the operating systems supported by the OpenEdge 10 platform are available, please refer to the Sonic Software website for more details)	OpenEdge 10.2A Adapter for SonicMQ  OpenEdge 10.2A Adapter for Sonic ESB	Under OpenEdge 10.1A and above Sonic Software Adapters are packaged with the products listed in Note D below.  IMPORTANT: Only for platforms supported by Sonic Software														
	OpenEdge Replication 10.2A	OpenEdge Replication	✓	✓	✓	✓	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓	✓	
		OpenEdge Replication Plus	✓	✓	✓	✓	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge Management 10.2A	Standard Edition Console & Trending Database	✓	✓	✓	✓ 10.1B	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓	✓ 10.1B	M
		Remote RDBMS Monitoring	✓	✓	✓	✓	✓ 10.1B	✓	✓	✓	✓	✓	✓	✓	✓	✓	M
		Remote OpenEdge and operating system monitoring	✓	✓	✓	✓ 10.1B	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓	✓	M
		SNMP Adapter	✓	✓	✓	✓ 10.1B	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓	✓ 10.1B	M
	✓ ☒ ☐	Fully Supported Platform/Product Limited Supported Platform/Product Unsupported Platform/Product															

The following table summarizes the Product LifeCycle profiles of the latest Progress V8, Progress V9 and OpenEdge 10 releases. LifeCycle change dates are platform specific and therefore retired or de-supported platforms may have earlier Progress LifeCycle change dates than listed below (Possible effected platforms include - AS/400, DG/UX (Intel), IBM NUMA Sequent PTX, Siemens RM, SGI (Silicon Graphics), Unisys UNIX, HP Tru64 (EV7 Alpha) and Solaris Intel)

OpenEdge & Progress Versions	Product LifeCycle Status and Schedule			
	Active	Functionally Stable	Mature	Retired
OpenEdge 10.2A	November 2008	To be determined	To be determined	To be determined
OpenEdge 10.1C	February 2008	November 2008	August 2009	To be determined
OpenEdge 10.1B	December 2006	February 2008	May 2008	May 2008
OpenEdge 10.1A	December 2005	December 2006	March 2007	March 2007
OpenEdge 10.0B	August 2004	December 2005	March 2006	March 2006
OpenEdge 10.0A	December 2003	August 2004	November 2004	November 2004
Progress V9.1E	November 2004	November 2004	November 2006	To be Determined
Progress V9.1D	May 2002	November 2004	February 2005	February 2005
Progress V8.3E	December 2001	December 2001	March 2002	To be Determined
Progress V8.3D	January 2000	December 2001	March 2002	March 2002

## Notes on Platforms and Products

- Build Platform:** This Operating System edition is used for the compilation and building of the 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. Please refer to the 'Platforms and Product Notes' chapter for more details.
- LifeCycle Status:** For full details refer to: [http://www.progress.com/progress\\_software/products/docs/lifecycle.pdf](http://www.progress.com/progress_software/products/docs/lifecycle.pdf)

**OS Service Pack / Maintenance Pack Support:** OS updates are not automatically certified but are supported where the OS vendor guarantees backwards compatibility with the base line OS level. Certification of OS updates may be performed if the backwards guarantee compatibility of the OS Service Pack / Maintenance Pack is questionable.

### A. 32Bit & 64Bit x86 environments (Operating Systems & CPU)

OpenEdge 10 32-bit Products are supported on operating systems that can either sustain 32-bit or 64-bit kernel modes.

ODBC clients using the 32-bit OpenEdge ODBC Driver: The SQL application needs to be compiled in 32 bit mode.

The following table defines the support of OpenEdge products for the Microsoft Windows and Linux x86 based operating systems in relationship to hardware (CPU) support:

Platform – CPU Type		OpenEdge version - CPU type – Media ID		
Operating System (Edition / Distribution)	Hardware CPU Type	Certified and Supported	Comments	
Microsoft Windows 32 Bit Intel XP Professional Server 2000 Server 2008 Server 2003 Tablet XP Vista	32 Bit CPU	OpenEdge R10.0 x 32 Bit Media-ID 146 OpenEdge R10.1x 32 Bit Media-ID 146 OpenEdge R10.2x 32 Bit Media-ID 146	Native operating system and hardware support	
	64 Bit CPU	OpenEdge R10.0x 32 Bit Media-ID 146 OpenEdge R10.1x 32 Bit Media-ID 146 OpenEdge R10.2x 32 Bit Media-ID 146	Supported but not optimized for 64Bit hardware	
	Microsoft Windows 64 Bit Intel Server 2008 Server 2003	64 Bit CPU	OpenEdge R10.0x 32 Bit Media-ID 146 OpenEdge R10.1x 32 Bit Media-ID 146 OpenEdge R10.2x 32 Bit Media-ID 146	Supported but not optimized for 64Bit Operating System and hardware
			OpenEdge R10.2x 64 Bit Media-ID 212	Supported 64Bit Operating System and hardware
HP Itanium 64Bit HP-UX 11i v2 (11.23) Itanium2 HP-UX 11i v3	64 Bit CPU	OpenEdge R10.1x 64 Bit Media-ID 0186 OpenEdge R10.2x 64 Bit Media-ID 0186	Native operating system and hardware support	
Linux Intel 32Bit Red Hat Enterprise Linux 4.0 & 5.0 Novell SuSE Enterprise Linux 9 & 10 rPATH Linux Release 1	32 Bit CPU	OpenEdge R10.0x 32 Bit Media-ID 178 OpenEdge R10.1x 32 Bit Media-ID 178 OpenEdge R10.2x 32 Bit Media-ID 178	Native operating system and hardware support	
	64 Bit CPU	OpenEdge R10.0x 32 Bit Media-ID 178 OpenEdge R10.1x 32 Bit Media-ID 178 OpenEdge R10.2x 32 Bit Media-ID 178	Supported but not optimized for 64Bit hardware	
Linux Intel 64Bit Red Hat Enterprise Linux 4.0 & 5.0 Novell SuSE Enterprise Linux 9 & 10 rPATH Linux Release 1	64 Bit CPU	OpenEdge R10.1x 64 Bit Media-ID 192 OpenEdge R10.1x 64 Bit Media-ID 192 OpenEdge R10.2x 64 Bit Media-ID 192	Native Operating System and hardware support	
		OpenEdge R10.0x 32 Bit Media-ID 178 OpenEdge R10.1x 32 Bit Media-ID 178 OpenEdge R10.2x 32 Bit Media-ID 178	Supported but not optimized for 64Bit Operating System or hardware	
Dependant on the platform vendor(s) guarantee to support 32 Bit executables. Memory usage (e.g. RDBMS buffer pool & client processes) limited to 32 Bit addressing				

- B. Failover Cluster Managers certified and supported by OpenEdge 10:
- Microsoft Cluster Services MSCS V1.2 Windows Server 2003 Enterprise Edition (32Bit)
  - IBM HA Cluster (HACMP) 5.1– Only for OpenEdge 10.1A and below (32Bit)
  - IBM HA Cluster (HACMP) 5.3 – Only for OpenEdge 10.1B and above (32Bit & 64Bit)
  - Sun Solaris Sun Cluster 2.2 & 3.0 & 3.1
  - HP-UX Service Guard 11.0 & 11i (PA-RISC)
  - HP-UX Service Guard 11i (Itanium2) – Only for OpenEdge 10.1B and above
- C. Oracle RDBMS Support: Indicates platforms where the Oracle RDBMS product may not be commercially available but the OpenEdge DataServer can be installed to provide client/server access to remote Oracle RDBMS instances. For operating systems that support 32-bit and 64-bit applications, Oracle 11g, Oracle 10g and Oracle 9i release 2 are only available as a 64-bit product. The 32-bit based OpenEdge DataServer for Oracle is able to access a 64-bit Oracle Database instance via 32-bit Oracle Client software.
- D. OpenEdge & Sonic: 10.1C includes the SonicMQ 7.5.1 Client as part of the OpenEdge Adapter for SonicMQ, and provide support for Sonic ESB 7.5.1 containers as part of the OpenEdge Adapter for Sonic ESB. Sonic 7.5.1 is supported on a subset of the OpenEdge-supported platforms, so it is important to understand what platforms can be used if you plan to use the OpenEdge Adapter for SonicMQ and/or the OpenEdge Adapter for Sonic ESB. For a complete support matrix of OpenEdge and Sonic components, please refer to [\*The OpenEdge Adapters for Sonic Platform Support and Compatibility\*](#) on-line document located on PSDN.com

The following table describes what OpenEdge products deliver the OpenEdge Adapter for SonicMQ and the OpenEdge Adapter for Sonic ESB. The OpenEdge to MQ connectivity modes available with each product are also listed. Note: the ClientConnect and ServerConnect modes became available starting with OpenEdge 10.1A. The BrokerConnect mode is the original (pre-10.1A) method for messaging between a 4GL/ABL application and the SonicMQ client using the OpenEdge Adapter for SonicMQ.

OpenEdge Product	OpenEdge Adapter for SonicMQ Connectivity Modes			OpenEdge Adapter for Sonic ESB
	Client Connect	Server Connect	Broker Connect	
4GL Development System	✓	✗	✗	✓
Client Networking	✓	✗	✗	✗
OpenEdge Application Server (Basic)	✓	✓	✓	✗
OpenEdge Application Server (Enterprise)	✓	✓	✓	✓
OpenEdge Architect	✓	✗	✗	✓
OpenEdge DataServer (All Editions)	✓	✗	✗	✗
OpenEdge Development Server	✓	✓	✓	✓
OpenEdge RDBMS (All Editions)	✓	✗	✗	✗
OpenEdge Studio	✓	✗	✗	✓
Progress Query/Results	✓	✗	✗	✗
Progress Translation Manager	✓	✗	✗	✗
WebClient™	✗	✗	✗	✗
WebSpeed® Workshop	✓	✗	✗	✓
OpenEdge Adapter for Sonic ESB (Deployment-time installation)	✗	✗	✗	✓

- E. File System Support (NFS, iSCSI, CIFS & Encrypted File Systems): The Common Internet File System (CIFS) protocol is not supported by Progress Software OpenEdge products. iSCSI support is available beginning with the OpenEdge 10.1A release. The Network File System (NFS) protocol version 3 (NFSv3) is supported for all OpenEdge UNIX and Linux platforms (Linux NFSv3 support requires specific kernel updates, please refer to the Linux section in this document for more details). File System Level Encryption: OpenEdge products have no restrictions in leveraging UNIX/Linux/Windows Encrypted File Systems as long as the Encryption technology is truly transparent to the Operating System. No formal certification of Encrypted File System Technology is planned but to ensure that theory actually does match practice OpenEdge 10.1B has been tested and validated to run with the Microsoft Windows Encrypting File System (EFS). The EFS technology transparently allows files to be stored encrypted on NTFS file systems.
- F. Software support policy for Windows Tablet XP 2005: The Microsoft Windows XP Tablet 2005 operating system is a superset of the Windows XP Professional operating system; applications that are compatible with Windows XP

Professional also run on Windows XP Tablet 2005 Edition. Progress Software does not guarantee support for Windows Tablet XP 2005 features that are not part of the Windows XP Professional operating system and any issues found with these Tablet XP features relating to Progress Software products, will need to be proven against the Windows XP Professional operating system before contacting Progress technical support. For more details on Windows Tablet XP 2005 features, support and compatibility please refer to the following on-line Microsoft documentation:  
<http://support.microsoft.com/default.aspx?scid=kb;en-us;327160>

G. Application Virtualization software support & certification policies: Application Virtualization Software such as Citrix Metaframe, Citrix Presentation Server, HOBLink, VMware, and MS Windows Terminal Server are classified as products that provide an abstraction layer that decouples the physical hardware from the 'guest' operating system to deliver greater IT resource utilization and flexibility. Progress Technical Support will provide full support with Application Software environments. We support the following minimum configurations of virtualization technologies:

- Citrix MetaFrame XPe
- Citrix MetaFrame v 1.8 for Win2K
- Citrix XenServer Virtualization (formally known as XenSource) (4.1)
- Windows Terminal Server (2000 & 2003)
- Citrix Presentation Server (3.0 & 4.0 MS Windows)
- VMware Workstation 5
- VMware ESX Server 2.5 and above
- **VMware ESX 3.0.2, 3.5, 4.0**
- Solaris Zones/Containers
- HOBLink (MS Windows)
- IBM Virtual I/O Server for AIX
- HP Itanium Virtualization
- Microsoft Hyper-V Server 2008

H. SCO OpenServer 6 certification and support: SCO OpenServer 6 certification is dependant on the platforms ability to natively support UnixWare 7.1.x applications. OpenEdge 10 support for OpenServer 6 is achieved via the UnixWare 7.1.4 OpenEdge product offering (Media ID 191). For more details regarding UnixWare and OpenServer 6 compatibility please refer to the following URL: [http://www.sco.com/products/openserver6/single\\_cert.html](http://www.sco.com/products/openserver6/single_cert.html)

SCO Platform	Progress Edition	4GL RDBMS support	SQL RDBMS support	SQL stored procedures & triggers	Native JDBC Driver	Native ODBC Driver	Sonic Adapter for MQ	Sonic Adapter for ESB
OpenServer 5.0.7 <sup>(1)</sup>	Progress V9.1E	✓	✗	✗	✗	✗	✓	✗
	OpenEdge 10	Not Supported						
UnixWare	Progress V9.1E	✓	✓	✓	✗	✗	✓	✗
	OpenEdge 10.0B	✓	✓	✓	✗	✗	✓	✗
	OpenEdge 10.1B	✓	✓	✓	✗	✗	✓	✗
	OpenEdge 10.1C	✓	✓	✓	✗	✗	✓	✗
OpenServer 6	Progress V9.1E	✓	✓ (9.1E04)	✓	✗	✗	✓	✗
	OpenEdge 10.0B	✓	✓ (10.0B05)	✓	✗	✗	✓	✗
	OpenEdge 10.1B	✓	✓	✓	✗	✗	✓	✗
	OpenEdge 10.1C	✓	✓	✓	✗	✗	✓	✗
✓ Supported configuration with listed restrictions		✗ Unsupported configuration						
5.0.7 <sup>(1)</sup> JVM 1.3.1_10 and OSRCompat Binary Compatibility Module (BCM) 8.0.1 and Update Pack 3 installed by default on OpenServer 5.0.7								

I. SQL Client and RDBMS Connectivity: 10.1A and above are forward/backward compatible.



J. Windows & Workgroup RDBMS:

Microsoft Windows Home and Professional editions are for OpenEdge 10 Client and Development products only with the following exception: The OpenEdge Workgroup RDBMS product is supported under the MS Windows XP Professional operating system.

K. Microsoft SQL Server 2005 and Microsoft SQL Server 2008 (MSS-2005 & MSS-2008): Certification of the OpenEdge 10 DataServer product relies on specific ODBC Drivers. The following table details the necessary ODBC Drivers for MSS-2005 and MSS-2008 support:

Database	ODBC Driver	Company	Driver Version	Bits	DLL Name	10.1A	10.1B	10.1C	10.2A	Availability
MSS- 2005	OpenEdge 10.1A ODBC Wire Protocol driver for MS SQL Server	DataDirect Technologies	5.10.00.03	32	P1MSSS21.DLL	X	X	--	--	Distributed via the OpenEdge 10.1A DataServer for MSS product
	SQL Server	Microsoft Corporation	2000.85.1117.00	32	SQLSRV32.DLL	X	X	X	+	Distributed by the Microsoft Corporation
	SQL Native Client	Microsoft Corporation	2005.90.1399.00	32	SQLNCLI.DLL	--	X	X	+	Distributed by the Microsoft Corporation
	OpenEdge 10.1C ODBC Wire Protocol driver for MS SQL Server	DataDirect Technologies	5.30.00.54	32	P1MSSS23.DLL	--	--	X	X	Distributed via the OpenEdge 10.1C DataServer for MSS product
	OpenEdge 10.2A ODBC Wire Protocol driver for MS SQL Server	DataDirect Technologies	5.30.00.55	64	P2MSSS23.DLL	--	--	--	+	Distributed via the OpenEdge 10.2A DataServer for MSS product
	SQL Server	Microsoft Corporation	2000.86.3959.00	64	SQLSRV32.DLL	--	--	--	+	Distributed by the Microsoft Corporation
	SQL Native Client	Microsoft Corporation	2005.90.1399.00	64	SQLNCLI.DLL	--	--	--	+	Distributed by the Microsoft Corporation
MSS- 2008	OpenEdge 10.1A ODBC Wire Protocol driver for MS SQL Server	DataDirect Technologies	5.10.00.03	32	P1MSSS21.DLL	--	--	--	--	Distributed via the OpenEdge 10.1A DataServer for MSS product
	SQL Server	Microsoft Corporation	2000.85.1117.00	32	SQLSRV32.DLL	--	--	--	+	Distributed by the Microsoft Corporation
	SQL Native Client	Microsoft Corporation	2005.90.1399.00	32	SQLNCLI.DLL	--	--	--	+	Distributed by the Microsoft Corporation
	SQL Native Client 10.0	Microsoft Corporation	2007.100.144.2.32	32	SQLNCLI10.DLL	--	--	--	@	Distributed by the Microsoft Corporation
	OpenEdge 10.1C ODBC Wire Protocol driver for MS SQL	DataDirect Technologies	5.30.00.54	32	P1MSSS23.DLL	--	--	--	X	Distributed via the OpenEdge 10.1C DataServer for MSS



Server										product
OpenEdge 10.2A ODBC Wire Protocol driver for MS SQL Server	DataDirect Technologies	5.30.00.55	64	P2MSSS23.DLL	--	--	--	+		Distributed via the OpenEdge 10.2A DataServer for MSS product
SQL Server	Microsoft Corporation	2000.86.3959.00	64	SQLSRV32.DLL	--	--	--	+		Distributed by the Microsoft Corporation
SQL Native Client	Microsoft Corporation	2005.90.1399.00	64	SQLNCLI.DLL	--	--	--	+		Distributed by the Microsoft Corporation
SQL Native Client 10.0	Microsoft Corporation	2007.100.160.0.22	64	SQLNCLI10.DLL	--	--	--	@		Distributed by the Microsoft Corporation
X	Supported ODBC Driver to run DataServer Technology against 32-bit MS SQL Server									
+	Supported ODBC Driver to run DataServer Technology against 32-bit and 64-bit MS SQL Server									
--	Unsupported ODBC Driver to run DataServer Technology against MS SQL Server									
@	Not supported in OpenEdge 10.2A, will be supported from next OE Release									

#### MS SQL Server 2005 guidelines:

i) While the ODBC driver names and descriptions listed above are required, the exact patch numbers specified in the "ODBC Driver Details" column pertain only to the drive patch used for our testing and/or branding. All drivers with the same .dll name but a higher patch number are also valid drivers for the DataServer product.

a) For OpenEdge 10.1A please download Service Pack 10.1A.01

ii) Ensure that MSS-2005 RDBMS SNAPSHOT isolation is turned OFF in order to maintain the DataServers pessimistic locking behavior.

iii) If using the MS SQL Server Native ODBC Driver, the READ UNCOMMITTED ODBC isolation connection setting should be used (DataServer Startup parameter –Dsrv txn\_isolation,1). READ UNCOMMITTED is the default isolation starting in 10.1B. It has been found that the READ COMMITTED Isolation level of MS SQL Server 2005 may be inconsistent with previous MS SQL Server editions in READ COMMITTED isolation mode.

#### MS SQL Server 2008 guidelines:

i) While the ODBC driver names and descriptions listed above are required, the exact patch numbers specified in the "ODBC Driver Details" column pertain only to the drive patch used for our testing and/or branding. All drivers with the same .dll name but a higher patch number are also valid drivers for the DataServer product.

a) For OpenEdge 10.1C please download Service Pack 10.1C.02

b) For OpenEdge 10.2A please download 10.2A FCS

ii) SQL Native Client 10 is not supported in 10.1C02 and 10.2A release. MSS 2008 will work similar to MSS 2005 by using supported drivers (listed in the above table); however new datatype (DATETIME2, DATETIMEOFFSET, GEOGRAPHY, GEOMETRY, HIERARCHYID & TIME) added in MSS 2008 are not supported. Support for new data types and Native client 10 drivers will be addressed in future OE releases.

iii) DATETIME-TZ data type is not supported for OpenEdge DataServer for Microsoft SQL Server

L. ABL access to Web Services: The ability for the ABL to access Web Services is not currently available on SCO UnixWare. Support for Linux 64Bit and Linux PowerPC starts with 10.2A.

M. OpenEdge/Fathom Management & B01 Service Pack incompatibilities: OpenEdge/Fathom Management users need to be aware that the installation of any of the following B01 based Service Packs will cause the functionality of remote database monitoring to fail.

- o OpenEdge 10.1B01 and above
- o OpenEdge Management 3.1B01 and above
- o OpenEdge Replication 10.1B01 and above

The OpenEdge B01 (and above) Service Packs contain updates to the OpenEdge/Fathom Management product line that affects the monitoring of remote Progress & OpenEdge RDBMS databases that are not running with the same level of Service Pack. If you install any B01 Service Pack (or above) to a OpenEdge/Fathom Management Console deployment then to maintain remote monitoring functionality you must either install an appropriate BO1 (or above) Service Pack onto the remote environment or for older remote 10.1A, 10.0B and V9.1E environments, special Hotfix patches are available via the Progress download center (ESD [www.progress.com/esd](http://www.progress.com/esd)). The Hotfix patch numbers are 10.1A0221, 10.0B0534 and 9.1E0420 for all supported platforms.

**N. OpenEdge on Vista:**

Vista support starts with OpenEdge in 10.1B03. Support for OpenEdge Management begins with 10.1C. Due to Vista's new security model, be sure to read the OpenEdge Release Notes to help you work around Vista Specific issues.

Vista editions and OpenEdge:  
Home Basic - NOT Supported  
Home Premium - NOT Supported  
Business - Supported  
Enterprise - Supported  
Ultimate – Supported

**O. Windows Installer 3.1 is a prerequisite to doing the install.**

**P. Progress Explorer fails to start on the Windows Server 2008 platform–** If you want to run Progress Explorer you need to run it on a different operation system like XP, Vista or 2003. SEE PRIMUS ENTRY: P129948

Or

Progress has released a new component of OpenEdge called OpenEdge Explorer, which is supported on OpenEdge supported operating systems except for SCO UnixWare. The OpenEdge Explorer component can be downloaded from the Progress® Deployment Components web site for customers who have licenses for products that entitle them to Progress Explorer.

Starting with the release of 10.2B, OpenEdge Explorer will be installed with the overall OpenEdge installation process and will not continue to install separately.

**Q. Windows 64-bit platform does not include support for the OpenEdge Personal RDBMS.**

**R. For all the SuSE 11 certifications both 32bit and 64bit, the ODBC drivers do not work on SuSE Enterprise Server 11. We are looking into fixing this in the 10.2B timeframe if possible**

**S. The following table details the certified drivers for IBM iSeries access:**

Database	Drivers	Company	Driver Version	Driver Bits	DLL Name	10.1A	10.1B	10.1C	10.2A02	Availability
DB2 for iSeries V5R3 & V5R4	iSeries Access Native Driver	IBM	11.00.00.00	32	CWBODBC.DLL	--	--	--	X	Distributed by IBM
	iSeries Access Native Driver	IBM	11.64.00.00	64	CWBODBC.DLL	--	--	--	+	Distributed by IBM
	OpenEdge 10.2A ODBC Wire Protocol Driver for DB2	DataDirect Technologies	5.30.00.79	32	P1DB223.DLL	--	--	--	X	Distributed via the OpenEdge DataServer for ODBC
	OpenEdge 10.2A ODBC Wire Protocol Driver for DB2	DataDirect Technologies	5.30.00.55	64	P2DB223.DLL	--	--	--	+	Distributed via the OpenEdge DataServer

										for ODBC
X	Supported driver to run OpenEdge DataServer for ODBC on Windows 32-bit									
+	Supported driver to run OpenEdge DataServer for ODBC on Windows 32-bit and 64-bit									
--	Unsupported driver to run OpenEdge DataServer for ODBC on Windows 32-bit or 64-bit									

## **Notes on Linux**

- General Linux Coverage: The Linux Operating System supports the following hardware platforms (beginning May 2005):
  - Intel x86 (32bit) <sup>(NB)</sup>
  - AMD64 (64Bit) <sup>(NB)</sup>
  - Intel EM64T (64Bit) <sup>(NB)</sup>
  - Itanium Processor Family
  - IBM zSeries (64Bit)
  - IBM S/390 (31Bit)
  - IBM on POWER (IBM iSeries 64Bit) <sup>(NB)</sup>

<sup>(NB)</sup> Linux environments supported by OpenEdge

To support the seven different Linux platforms, there are an indeterminate number of Linux distributions in the market. Customers have consistently asked for stability, better performance, and reliability of the Linux platform as well as enterprise-class support. Progress Software cannot be effective in servicing customers if we attempt to support a large number of different Linux distributions. It is our intent is to support a selected set of distributions that have long lifecycles and that are well supported by the distributors and their partners. The primary Linux distributions to be supported are those from Red Hat and Novell SUSE (Enterprise editions only).

The Support for the Turbo Linux Enterprise distribution has been terminated in OpenEdge 10.1A

- Patches and Updates: Commercial updates are not automatically certified, Progress Software relies on the Operating System vendor, to guarantee binary compatibility between their updates and kernel versions.
- SuSE 9 support requires the customer to install the patch  
<http://support.novell.com/techcenter/psdb/ea8545892a565af183b0f83eeae62ad.html>
- Linux environment details: Support of the Network File System (NFS) protocol version 3 (NFSv3) under the Linux Intel x86 platform for Progress OpenEdge products, in particular the support of RDBMS files (physical and recovery) on a NFS partition, requires updates and features found within the 2.4.21 Linux Kernel and OpenEdge Service Packs. Network File System (NFS) protocol versions NFSv2 and NFSv4 under Linux have not been certified and are therefore unsupported.
- Red Hat 4.0 Support requires the following Red Hat backwards compatibility libraries, available via the Red Hat 4.1 update package:
  - compat-libstdc++-296-2.96-132.7.2
  - compat-libstdc++-33-3.2.3-47.3

Linux architecture	Linux distribution	Default Linux Kernel	Associated Glibc levels	Kernel details for NFSv3 support	OpenEdge entry level for Linux NFSv3 support
Linux 32-bit	Red Hat Enterprise Linux AS/ES/WS 4.0	2.6.9-5.EL	2.3.4	2.6.9-5.EL	OpenEdge 10.0B02
	Red Hat Enterprise Linux 5 Advanced Platform Red Hat Enterprise Linux 5 Red Hat Enterprise Linux Desktop 5 with Workstation	2.6.18-8.EL5	Minimum OS Installed	Minimum OS Installed	OpenEdge 10.1B
	Novell SuSE Enterprise Server 9	2.6.5-7.97	2.3.3	2.6.5-7.97	OpenEdge 10.0B02
	Novell SuSE Enterprise Server 10	2.6.16.21_08	4.1.0	2.6.16.21_08	OpenEdge 10.1B
	rPATH Linux Release 1	2.6.19.7	rPATH Linux Release 1	rPATH Linux Release 1	OpenEdge 10.1B
Linux 64-bit	Red Hat Enterprise Linux AS/ES/WS 4.0	2.6.9-5.EL	2.3.4	2.6.9-5.EL	OpenEdge 10.1A
	Red Hat Enterprise Linux 5 Advanced Platform Red Hat Enterprise Linux 5 Red Hat Enterprise Linux Desktop 5 with Workstation	2.6.18-8.EL5	Minimum OS Installed	Minimum OS Installed	OpenEdge 10.1B/10.1C
	Novell SuSE Enterprise Server 9	2.6.5-7.97	3.2.3	2.6.5-7.97	OpenEdge 10.1A
	Novell SuSE Enterprise Server 10	2.6.16.21_08	4.1.0	2.6.16.21_08	OpenEdge 10.1B
	rPATH Linux Release 1	2.6.19.7-0.4.gcc3.4.x86.i686	rPATH Linux Release 1	rPATH Linux Release 1	OpenEdge 10.1B
Linux on POWER	Red Hat Enterprise Linux AS/ES/WS 4.0	2.6.9-5.EL	3.2.3	2.4.21_20.EL (update pack 3)	OpenEdge 10.1B

## Third Party Products by Platform

Product Category	Vendor	Product Name	Version	MS Windows Intel		Linux Intel		Linux on POWER	SCO UnixWare	IBM AIX 5L POWER PC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	Notes
				32 Bit	64 Bit	32 Bit	64 Bit			32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit		
Team Dev	Tugboat Software Roundtable TSMS®	Roundtable Windows Client	10.0A 10.1A 10.1B 10.1C	✓	✓ (10.1C02)												
		Roundtable Server	10.0A 10.1A 10.1B 10.1C	✓	✓ (10.1C02)												
		Roundtable – Character	10.0A 10.1A 10.1B 10.1C			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Roundtable – OpenEdge Architect plug-in	10.1A 10.1B 10.1C	✓	✓ (10.1C02)												

Product Category	Vendor	Product Name	Version	MS Windows Intel		Linux Intel		Linux on POWER	SCO UnixWare	IBM AIX 5L POWER PC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	Notes
				32 Bit	64 Bit	32 Bit	64 Bit			32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit		
Team Dev	Tugboat Software Roundtable Team	Roundtable Team Windows Client	10.2A	✓	✓												
		Roundtable Team Server	10.2A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

For a complete compatibility matrix of Tugboat and OpenEdge releases, please refer to the following on-line document:  
<http://roundtable-tsms.com/pdf/CompatibilityMatrix.pdf>

## Legacy OpenEdge Editions

### OpenEdge 10.1C & OpenEdge Management 3.1C Platforms (Mature August 2009)

#### 32-Bit Platforms

Platform	Media ID	OpenEdge Edition (Lifecycle status)	Supported OS Edition (s)	Certification Type	32 Bit JVM entry level
MS Windows (x86)	CD 146 DVD 195	10.1C (Mature)	Windows XP Professional	Certification	1.5
			Windows Service Pack 2 WinXP SP2	Certification	
			Windows 2000 Professional SP4 (no IPv6 support) (Note O)	Certification	
			Windows 2000 Server SP4 (no IPv6 support) (Note O)	Certification	
			Windows Server 2003 Standard (SP2)	Certification	
			Windows Server 2003 Enterprise (SP2)	Certification	
			Windows Server 2003 R2	Build Platform	
			Windows Server 2008 (see Note P) (10.1B)	Certification	
			Windows Vista (Note O)	Certification (10.1B03)	
IBM AIX (POWER PC)	CD 156 DVD 200	10.1C (Mature)	Windows Tablet XP 2005	Limited (See Note F)	
			AIX 5L v5.2 + maintenance update 9	Build platform	
			AIX 5L 5.3	Limited (See Note I)	
Linux (x86)	CD178 DVD 204	10.1C (Mature)	AIX 6.1	Certification	
			Red Hat Enterprise Linux AS/ES/WS 4.0 (update 4)	Build Platform	
			Red Hat Enterprise Linux 5 Advanced	Certification	
			Red Hat Enterprise Linux 5		
			Red Hat Enterprise Linux Desktop 5 with Workstation	Certification	
			SuSE Enterprise Server 9 (patch information page 12)		
SuSE Enterprise Server 10					
HP-UX (PA-RISC)	CD 173 DVD 196	10.1C (Mature)	SuSE Enterprise Server 11 (see note R)	Certification	
			rPATH Linux Release 1	Certification	
			HP-UX 11i v1 (11.11) + 12/2002 quality pack + GOLDBASE11i June 2007 + TOUR 3.1 Transport Optional Upgrade Release + PHKL_28512 POSIX_AIX JFS Patch	Build Platform	
Solaris (SPARC)	CD 157 DVD 202	10.1C (Mature)	HP-UX 11i v2 (11.23)	Certification	
			HP-UX 11i v3	Certification	
			Solaris 9 04/03 + kernel patch 112233-12	Build Platform	
SCO UnixWare	CD 191 DVD 206	10.1C (Mature)	Solaris 10	Certification	
			UnixWare 7.1.4	Build Platform	
			SCO OpenServer 6	Limited (See Note H)	

#### 64-Bit Platforms

Platform	Media ID	OpenEdge Edition (Lifecycle status)	Supported OS Edition (s)	Certification Type	64 Bit JVM entry level
MS Windows (x86)	CD 146 DVD 195	10.1C (Mature)	Windows 64 (XP, 2003, 2003 R2 (10.0B), Vista (10.1B03), 2008 (10.1B))	Limited (See Note A Q, & P)	1.5
IBM AIX (POWER PC)	CD 187 DVD 201	10.1C (Mature)	AIX 5L v5.2 + maintenance update 9	Build Platform	
			AIX 5L v5.3	Limited (See Note I)	
			AIX 6.1	Certification	
HP-UX Itanium2 (IA64)	CD 186 DVD 197	10.1C (Mature)	HP-UX 11i v2 (11.23) Itanium2	Build Platform	
			HP-UX 11i v3	Certification	
Linux (x86_64)	CD 192 DVD 205	10.1C (Mature)	Red Hat Enterprise Linux AS/ES/WS 4.0 (update 4)	Build Platform	
			Red Hat Enterprise Linux 5 Advanced	Certification	
			Red Hat Enterprise Linux 5		
			Red Hat Enterprise Linux Desktop 5 with Workstation	Certification	
			SuSE Enterprise Server 9 (patch information page 12)		
			SuSE Enterprise Server 10		
Linux on POWERPC	CD 209 DVD 210	10.1C (Mature)	SuSE Enterprise Server 11 (see note R)	Certification	
			rPATH Linux Release 1	Certification	
Linux on POWERPC	CD 209 DVD 210	10.1C (Mature)	Red Hat Enterprise Linux AS/ES/WS 4.0 (update 3)	Build Platform	



HP-UX (PA-RISC)	CD 175 DVD 198	10.1C (Mature)	HP-UX 11i v1 (11.11) + 12/2002 quality pack + GOLDBASE11i June 2007 + TOUR 3.1 Transport Optional Upgrade Release + PHKL_28512 POSIX_AIX JFS Patch	Build Platform
			HP-UX 11i v2 (11.23)	Certification
			HP-UX 11i v3	Certification
Solaris (SPARC)	CD 182 DVD 203	10.1C (Mature)	Solaris 9 04/03 + kernel patch 112233-12	Build Platform
			Solaris 10	Certification

- Certification Type: Please Refer to the '[Platform Notes](#)' section for details on Certification definitions and restrictions

## OpenEdge Availability by Platform

Implied support for OpenEdge 10.0B, 10.1A, 10.1B, & 10.1C editions unless otherwise stated.

Product Category	Product Name	Certification and key functionality details	MS Windows Intel	Linux x86 Intel		Linux on POWER	SCO UnixWare	IBM AIX 5L POWERPC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	Notes
			32 Bit	32 Bit	64 Bit	64 Bit	32 Bit	32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	
OpenEdge Development	WebSpeed® Workshop		✓												
	4GL Development System		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N
	Translation Manager		✓												
	Visual Translator		✓												
	OpenEdge Studio	Includes Progress Dynamics®	✓												N
	OpenEdge Development Server		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N
	OpenEdge Architect	Available for 10.1A and above	✓												N
OpenEdge Deployment	Client Networking		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N
	Query/Results		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge Personal RDBMS OpenEdge Workgroup RDBMS OpenEdge Enterprise RDBMS	OpenEdge RDBMS (All editions) 4GL & SQL RDBMS support	✓K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	E
		Support for SQL Stored Procedures	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		ODBC Wire protocol v5.3 (10.1C)	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	A, J,
		Native JDBC Drivers Type-4 v3.7 (10.1C)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	J,
		Cluster Manager Integration (OpenEdge Enterprise RDBMS only)	✓					✓	✓	✓	✓	✓	✓	✓	B
	WebClient™		✓												L
	NameServer Load Balancer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge DataServer for Oracle	Oracle 11g R1 (10.1C and above)	✓	✓											
		Oracle 10gR2 (10.1A and above)	✓	✓	✓	✓	✓C	✓C	✓	✓C	✓		✓	✓	
		Oracle 10g R1 (10.1.04 recommended)	✓	✓	✓	✓	✓C	✓C	✓	✓C	✓		✓	✓	
		Oracle 9i (9.2)	✓	✓				✓C	✓	✓C	✓		✓		
		Oracle 8i (8.1.6 & 8.1.7)	✓	✓				✓	✓	✓	✓		✓		
	OpenEdge DataServer for ODBC	Sybase Adaptive Server 12.5	✓												
		DB2 UDB 8.1 (10.1B and above)	✓												
		DB2 UDB 9.2 (10.1B and above)	✓												
		DB2/400 (V5R2)	✓												
		DB2/400 (V5R3) (10.0B02 above)	✓												
	OpenEdge DataServer for Microsoft SQL Server	MS SQL Server 2000	✓												
		MS SQL Server 2005 (10.1B02 and above)	✓												K
	OpenEdge Application Server	Basic Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N
		Enterprise Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	N

## OpenEdge Availability by Platform (continued)

Product Category	Product Name	Certification and key functionality details	MS Windows Intel		Linux x86 Intel		Linux on POWER	SCO UnixWare	IBM AIX 5L POWERPC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	Notes
			32 Bit	32 Bit	64 Bit	64 Bit	32 Bit	32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit		
OpenEdge Deployment	Adapters (not all of the operating systems supported by the OpenEdge 10 platform are available, please refer to the Sonic Software website for more details)	OpenEdge 10.1C Adapter for SonicMQ OpenEdge 10.1C Adapter for Sonic ESB OpenEdge 10.1B Adapter for SonicMQ OpenEdge 10.1B Adapter for Sonic ESB	Under OpenEdge 10.1A and above Sonic Software Adapters are packaged with the products listed in Note D below. IMPORTANT: Only for platforms supported by Sonic Software													
	OpenEdge Replication 10.1C	OpenEdge Replication	✓	✓	✓	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓		
		OpenEdge Replication Plus	✓	✓	✓	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓		
	OpenEdge Management 3.1C	Standard Edition Console & Trending Database	✓	✓	✓ 10.1B	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓ 10.1B		
		Remote RDBMS Monitoring	✓	✓	✓	✓ 10.1B	✓	✓	✓	✓	✓	✓	✓	✓		
		Remote OpenEdge and operating system monitoring	✓	✓	✓ 10.1B	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓		
		SNMP Adapter	✓	✓	✓ 10.1B	✓ 10.1B		✓	✓	✓	✓	✓	✓	✓ 10.1B		

## OpenEdge Feature and Functionality obsolescence life cycle

The OpenEdge platform has a well-defined life cycle at the product (packaging) level. Products can have one of four life cycle statuses: Active, Functionally Stable, Mature and Retired<sup>1</sup>. Such a life cycle is appropriate for major releases of products. It is necessary, however, to have a finer level of granularity independent of the product life cycle which addresses the feature or functionality level. This includes operating system as well as features. Features and functionality move through various phases from commercial introduction to obsolescence. As features become obsolete, they are handled one of two ways: They can be *Deprecated* or *De-Supported*.

**Definition of Deprecation:** *Features/Functionality is identified as obsolete, but not removed from the supporting technology*

**Definition of De-Support:** *Features/Functionality identified as obsolete, and removed from the supporting technology.*

For example, the English Language, like computer software, is ever evolving and certain 'olde' words drop out of fashion and are replaced. These 'olde' words are never removed but deprecated and may not be recognized by modern-day spell and grammar checkers, although they are still commonly understood, while de-support of the phrase 'couch potato' has been requested by a number of potato farmers due to the negative image the term portrays, with the hope that this term drops out of dictionaries and usage.

The backward compatibility of OpenEdge-based applications and deployments are some of the key factors in determining if obsolete features can be *Deprecated* or *De-Supported*.

Typically OpenEdge language features are deprecated to ensure the support of existing applications where as de-support is used for functionality where the loss does not force application re-work.

### Benefits of the Deprecated and De-Support lifecycles phases include:

- Set appropriate customer's expectations regarding backwards/forwards compatibility
- Give customers sufficient time to consider and plan changes in their applications
- Promote rejuvenation and upkeep of applications, advantageous to partners and customers
- Better alignment with non OpenEdge technology partners such as Operating Systems vendors

- Encourage customers to use modern replacement features as appropriate

### Deprecated Features and Functionalities:

Deprecation provides the ability to identify, communicate and manage obsolescence (and the possible eventual de-support) of features and functionality, independent of the products and versions in which they may be included and how are they packaged.

Progress' recommendation is that deprecated features should no longer be used. Customers should consider substituting deprecated features over time with the newer replacement ones. Please note that:

- Deprecated features continue to function.
- Limited basic support will be available for deprecated features and functionalities.
- Deprecated features will not include further enhancements
- Communications will follow the 'Obsolescence Life Cycle Guidelines' as described below

### De-Supported Features and Functionalities

De-support is used where changes in technology or standards have made a feature obsolete and it is removed from the OpenEdge product. De-supported features have replacement equivalents and have zero impact on backwards compatibility.

Key details of De-Support include:

- OpenEdge dependant features will be removed, such as RAW partition support.
- Third Party dependant features, such as platform support may continue to function
- There will be no Limited basic support for de-supported features
- Communications will follow the 'Obsolescence Life Cycle Guidelines' as described below

### Obsolescence Life Cycle Guidelines:

The following are the phases for the deprecation or de-support life cycle of features as they become obsolete:

- Prior to assigning one of the obsolescence statuses, features that are candidates for deprecation or de-support will be published to partners and customers for comment, potentially polling for information on the impact that the deprecation or de-support may cause to current applications.
- OpenEdge Product Management will use the information gathered from this process to assess the obsolescence of each feature or functionality.
- Details about de-supported and deprecated features will be included in this *OpenEdge Platforms and Products Availability Guide*
  - Announcements will be made to inform the Progress community of updates to features' status.
  - Deprecated and de-supported features will be identified as such in the Product Documentation.

## Deprecated Features and Functionality List

The following table contains the current list of deprecated features and operating systems for OpenEdge 10. Timeframe details are published to help partners and customers with their planning. We recommend substituting obsolete functionality with appropriate equivalents as indicated in the following table.

Deprecated Feature or Functionality	Replacement Feature	Deprecation Information	
		Announced OpenEdge version	Notes
SQL in 4GL	4GL	OpenEdge 10.0A	SQL statements in 4GL code require the Progress V9 SQL-89 product. The SQL-89 interface is obsolete.
CHOOSE statement	Selection lists, Data browsers	OpenEdge 10.1A	Selection lists and data browsers are available on ChUI and GUI (Windows desktop); the functionality of the CHOOSE statement has been superseded by the new constructs, easier to use and with additional, more complete built-in behaviors.
EDITING clause in UPDATE, SET PROMPT-FOR	WAIT-FOR	OpenEdge 10.1A	EDITING blocks were required for ChUI procedural applications, prior to event-driven programming which provides much more flexibility, additional functionality and that are easier to learn by users. EDITING blocks are not appropriate for event-driven, multi-tier or Service-Oriented applications
GATEWAYS statement	DATASERVERS	OpenEdge 10.0A	GATEWAYS was an early term (V6) to refer to DataServers. The term was fully replaced by DATASERVERS, which provides identical functionality.
GO-PENDING statement	See notes	OpenEdge 10.1A	Dependency with EDITING
IS-ATTR-SPACE statement	Obsolete, not needed	OpenEdge 10.0A	ATTR-SPACE hardware terminals have been long ago superseded. They are not available, nor used anymore. IS-ATTR-SPACE adds product maintenance costs and backwards compatibility requirements not required by the market anymore.

PUT SCREEN statement	DISPLAY	OpenEdge 10.0A	This features has become obsolete, and will not be enhanced. If needed, its functionality can be achieved with the DISPLAY statement.
SCROLL statement	See CHOOSE	OpenEdge 10.1A	See CHOOSE
Open Client ActiveX	Open Client. NET	OpenEdge 10.0A	Refer to the Open Client ActiveX statement of direction available on PSDN ( <a href="http://psdn.progress.com/index.ssp">http://psdn.progress.com/index.ssp</a> )
RECID	ROWID	10.1B (this entry was posted on May 17 2006)	Supported mainly for backward compatibility. For most applications, use the ROWID function, instead. Excerpts from the Product Documentation: <i>"ROWID function replaces the RECID function for most applications. However, you must use the RECID function for maintaining schema objects (file and field relationships) in the Progress metaschema files."</i> NOTE: As with all deprecations, current RECID support and related ABL functionality remains 'as is'. No future RECID functionality enhancements are planned.
WORKFILES / WORKTABLES	ABL Temp-Tables	10.1B (this entry was posted on June 26 2006)	It is recommended to use ABL Temp-Tables or ProDataSets
PROMPT-FOR (this feature will e removed from this deprecated feature list)	SET or UPDATE	10.1B (this entry was posted on June 26 2006)	It is recommended to use the SET and UPDATE ABL commands in place of the PROMT-FOR statement Aug 6 2006 Update - PROMPT-FOR removed as ENABLE and WAIT-FOR are only viable alternatives for event-driven applications
DDE	Use Microsoft's Component Object Model (COM)	10.1B (this entry was posted on June 26 2006)	Dynamic Data Exchange (DDE). Use Component Object Model (COM) instead. See product documentation: OpenEdge Development: Programming Interfaces
WIDGET-HANDLE	HANDLE	10.1B (this entry was posted on June 26 2006)	There is absolutely no difference between WIDGET-HANDLE and HANDLE
Java applets	NONE	10.2B	Remove the ability for Java applets to call ABL via the Java Open Client for both Windows platforms.

## De-Supported Features and Functionality List

The following table contains the current list of de-supported features and operating systems for OpenEdge 10. Timeframe details are published to help partners and customers with their planning. We recommend substituting obsolete functionality with appropriate equivalents as indicated in the following table.

De-supported Feature or Functionality	Replacement Feature	De-Support Information		
		De-support Scheduled For	Notes	Status
RAW PARTITION support for database files	OS File System storage	OpenEdge 10.1A	Substitute with FILE-SYSTEM extents. With 10.1A, the RAW-PARTITION RDBMS extents are not supported.	Completed
OpenEdge DataServer for Oracle for HP UX 32-bit	None	OpenEdge 10.1C	Oracle is no longer selling the DataServer for the HP UX 32-bit platform	Completed
OpenEdge DataServer for ODBC	None	OpenEdge 10.2B	As of, OpenEdge 10.2A, the OpenEdge DataServer for ODBC is 'functionally stable'. With the Release of 10.2B, the lifecycle will be changed to 'Mature' status.	Completed
Windows 2000 Professional SP4	Windows 2003 (SP1)	OpenEdge 10.2A	Windows 2000 ( <a href="http://support.microsoft.com/lifecycle/?LN=en-us&amp;x=10&amp;y=6">http://support.microsoft.com/lifecycle/?LN=en-us&amp;x=10&amp;y=6</a> ) <ul style="list-style-type: none"> <li>General Availability: March 31, 2000</li> <li>Mainstream support retired: June 30, 2005</li> <li>Extended support retired: July 13 2010</li> </ul>	Completed
DB2 UDB 7.2 (MVS, RS/6000,NT)	DB2 UDB 8.1 or above	OpenEdge 10.2A	<ul style="list-style-type: none"> <li>General Availability: June 8, 2001</li> <li>End of support: September 30, 2004</li> </ul> <a href="http://www-306.ibm.com/software/support/lifecycle/index_a_z.html#D">http://www-306.ibm.com/software/support/lifecycle/index_a_z.html#D</a>	Completed
Windows 2000 Server SP4	Windows 2003 (SP1)	OpenEdge 10.2A	Windows 2000 ( <a href="http://support.microsoft.com/lifecycle/?LN=en-us&amp;x=10&amp;y=6">http://support.microsoft.com/lifecycle/?LN=en-us&amp;x=10&amp;y=6</a> ) <ul style="list-style-type: none"> <li>General Availability: March 31, 2000</li> <li>Mainstream support retired: June 30, 2005</li> <li>Extended support retired: July 13 2010</li> </ul>	Completed
AIX 5L v5.2 + maintenance update 1 + patch IY43963	AIX 5L 5.3	OpenEdge 10.2A	IBM AIX 5L v5.2 (current build platform for OE 10) ( <a href="http://www-306.ibm.com/software/support/lifecycle/index_a_z.html#J">http://www-306.ibm.com/software/support/lifecycle/index_a_z.html#J</a> ) <ul style="list-style-type: none"> <li>General Availability: 18 Oct 2002</li> <li>End of Full Support: 30 Sep 2008</li> </ul>	Completed
HP-Compaq Tru64 Operating System	HP-UX PA-RISC HP-UX Itanium	Next major release after OpenEdge 10.1A	In consultation with Hewlett-Packard, OpenEdge 10.1A will be the last release to support Tru64 UNIX. <a href="http://h30097.www3.hp.com/tru64_planning.html">http://h30097.www3.hp.com/tru64_planning.html</a>  June 26 2006 Update: Due to customer demand, it is planned that the upcoming OpenEdge 10.1B release will be the last supported edition for the Tru64 platform.	Completed
Oracle 8i support (DataServer for Oracle)	Oracle 10g	OpenEdge 10.2A	Oracle 8i life cycle summary: <ul style="list-style-type: none"> <li>-Error Correction Support (ECS): 31-DEC-2004</li> <li>-Extended Support (ES): 31-DEC-2007</li> <li>-Extended Maintenance Support (EMS): 31-DEC-2006</li> </ul>	Completed
Support for Red Hat Enterprise Linux AS 2.1 and 3.0	Linux x86 Red Hat 4.0	OpenEdge 10.1C	March 2007 update: Deployment Support for RH EL 2.1 has ended and will end in July 2007 for RH EL 3.0 – OpenEdge build platforms are targeted for platforms that have active maintenance. <a href="https://www.redhat.com/security/updates/errata/">https://www.redhat.com/security/updates/errata/</a>	Completed

- Progress Software Product Lifecycle definitions are available online at:  
<http://www.progress.com/products/lifecycle/index.ssp>