

OpenEdge® 10 Platform & Product Availability Guide

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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/products/docs/pavail.pdf>

Update Summary

Updates are highlighted in red.

- **JVM Support clarification: OpenEdge 10 only support's 32Bit editions – 64Bit JVM is not supported at this time.**
 - **There are no native SCO UnixWare ODBC or JDBC drivers (Page 3 has been updated and the summary table for SCO on Page 5 is correct)**
 - **Statement of support policy for Application Virtualization Software has been updated (replaces previous statement that focused specifically on VMware – see Note 'G' on page 4)**
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OpenEdge 10 Platforms

32-Bit Platforms

Platform	Media ID	OpenEdge Edition	Supported OS Edition (s)	Type of Certification	32 Bit JVM entry level
MS Windows (Intel)	146	10.0B	Windows XP Professional	Certification	1.4.1_03
			Windows Service Pack 2 WinXP SP2	Certification	
			Windows 2000 Professional SP4	Build Platform	
			Windows 2000 Server SP4	Certification	
			Windows Server 2003 Standard (SP1)	Certification	
			Windows Server 2003 Enterprise (SP1)	Certification	
			Citrix MetaFrame XPe	Certification	
			Citrix MetaFrame v 1.8 for Win2K,	Certification	
			Windows Terminal Server (2000 & 2003)	Certification	
			Citrix Presentation Server (3.0 & 4.0)	Certification	
			Windows Tablet XP 2005	Refer to the ' Platform Notes ' section	
IBM AIX (POWER PC)	156	10.0B	AIX 5L v5.2 + maintenance update 1 + patch IY43963	Build platform	1.4.1
			AIX 5L 5.3	Certification	1.4.2
Linux x86 (Intel)	178	10.0B	Red Hat Enterprise Linux AS 2.1	Build Platform	1.4.1_03
			Red Hat Enterprise Linux AS/ES/WS 3.0	Certification	1.4.1_03
			Red Hat Enterprise Linux AS/ES/WS 4.0	Certification	1.4.1_03
			SuSE Enterprise Server 8	Certification	1.4.1_03
			SuSE Enterprise Server 9	Certification	1.4.1_03
			Turbo Linux Enterprise 8	Certification	1.4.1_03
HP-UX (PA-RISC)	173	10.0B	HP-UX 11i v1 (11.11)	Build Platform	1.4.1_03
			HP-UX 11i v2 (11.23)	Certification	1.4.1_03
Solaris (SPARC)	157	10.0B	Solaris 9	Build Platform	1.4.1_03
			Solaris 10	Certification	1.4.2_06
SCO UnixWare	191	10.0B	UnixWare 7.1.4	Build Platform	1.4
			SCO OpenServer 6 (Restrictions apply)	Certification (Refer to the ' Platform Notes ' section for details)	1.4

64-Bit Platforms

Platform	Media ID	OpenEdge Edition	OS Edition	Type of Certification	32 Bit JVM entry level
MS Windows (Intel)	146	10.0B	Windows 64 (XP & 2003)	Limited Certification See Platform ' Notes '	1.4.1
IBM AIX (POWER PC)	187	10.0B	AIX 5L v5.2	Build Platform	1.4.1
			AIX 5L v5.3	Certification	1.4.2
HP-UX Itanium2 (Intel)	186	10.0B	HP-UX 11i v2 Itanium2	Build Platform	1.4.2
HP Tru64 (UNIX)	160	10.0B	HP Tru64 v5.1B	Build Platform	1.4.1
HP-UX (PA-RISC)	175	10.0B	HP-UX 11i v1 (11.11)	Build Platform	1.4.1_03
			HP-UX 11i v2 (11.23)	Certification	1.4.1_03
Solaris (SPARC)	182	10.0B	Solaris 9	Build Platform	1.4.1_03
			Solaris 10	Certification	1.4.2_06

OpenEdge 10 Products

Availability by Platform

Product Category	Product Name	Certification and key functionality details	MS Windows Intel *	Linux Intel	SCO Unixware	IBM AIX 5L POWERPC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	HP Tru64	Notes
			32 Bit	32 Bit	32 Bit	32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	64 Bit	
OpenEdge Development	WebSpeed® Workshop		✓											
	4GL Development System		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Translation Manager		✓											
	Visual Translator		✓											
	OpenEdge Studio	Includes Progress Dynamics®	✓											
	OpenEdge Development Server		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
OpenEdge Deployment	Client Networking		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Query/Results		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge Personal RDBMS OpenEdge Workgroup RDBMS OpenEdge Enterprise RDBMS	OpenEdge RDBMS (All editions) 4GL & SQL RDBMS support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Support for SQL Stored Procedures	✓	✓	✓	✓		✓		✓			✓	
		Native ODBC Drivers	✓	✓		✓		✓		✓				A
		Native JDBC Drivers	✓	✓		✓		✓		✓			✓	A
		Cluster Manager Integration (OpenEdge Enterprise RDBMS only)	✓			✓		✓	✓	✓	✓		✓	B
	WebClient™		✓											
	NameServer Load Balancer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge DataServer for Oracle	Oracle 10g (patch 10.1.04 is recommended)	✓	✓	C	C	✓	C	✓	C	✓	✓	✓	C
		Oracle 9i (9.2)	✓	✓		C	✓	C	✓	C	✓		✓	C
		Oracle 8i (8.1.7)	✓	✓		✓	✓	✓	✓	✓	✓		✓	
	OpenEdge DataServer for ODBC	Sybase Adaptive Server 12.5	✓											
		IBM Informix Dynamic Server V9.4	✓											
		DB2 Universal DB 7.2 (MVS, RS/6000,NT)	✓											
		DB2/400 (V5R2)	✓											
	OpenEdge DataServer for Microsoft SQL Server	MS SQL Server 7	✓											
		MS SQL Server 2000	✓											
	OpenEdge Application Server Basic Edition	Application Server Basic Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OpenEdge Application Server Enterprise Edition		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Adapters	OpenEdge Adapter for Sonic MQ	✓			✓	D	✓	D	✓	D			D
		OpenEdge Adapter for Sonic ESB	✓			✓	D	✓	D	✓	D			D
Management and High Availability	Fathom™ Replication 10.0B	Fathom™ Replication	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
		Fathom™ Replication Plus	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
	Fathom Management 3.0A	Standard Edition Console & Trending Database	✓	✓		✓	✓	✓	✓	✓	✓		✓	
		Remote RDBMS Monitoring	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Remote OpenEdge and operating system monitoring	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
		SNMP Adapter	✓	✓		✓	✓	✓	✓	✓	✓		✓	

* Windows XP (Home & Professional Editions) is for client and development products only. Microsoft does not provide server versions of Windows XP

Platforms and Products Notes

Definition of Certification Types

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'

- A. OpenEdge 10 32-bit Products are supported on operating systems that can either sustain 32-bit or 64-bit kernel modes. JDBC clients using the 32Bit OpenEdge JDBC Driver: DBMS connection must be established using a 32 bit JDK/JRE environment. ODBC clients using the 32-bit OpenEdge ODBC Driver: The SQL application needs to be compiled in 32 bit mode.
- B. Failover Cluster Managers supported:
 - a. Microsoft Cluster Services (MSCS V1.2 Windows Server 2003 Enterprise Edition)
 - b. IBM HA Cluster (HACMP) 5.1
 - c. Sun Solaris Sun Cluster 2.2 & 3.0 & 3.1
 - d. HP-UX Service Guard 11.0 & 11i (PA-RISC only)
 - e. HP-Compaq Tru64 TruCluster 5.1
 - f.
- C. 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 10g and Oracle 9i release 2 is 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. 32bit Sonic Client and Broker Products (MQ & ESB) are supported on operating systems that can either sustain 32-bit or 64-bit kernel modes. For a complete support matrix of OpenEdge and Sonic components please refer to the following on-line documents:
 - Sonic MQ®: http://www.sonicsoftware.com/products/sonic_esb/supported_platforms/index.ssp
 - Sonic ESB™: http://www.sonicsoftware.com/products/sonicmq/supported_platforms/index.ssp
- E. Neither the Internet SCSI (iSCSI) nor the Common Internet File System (CIFS) protocols are currently supported by Progress Software OpenEdge products. iSCSI support is planned for the upcoming OpenEdge 10.1A release; please contact Progress sales for more details.
- 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. In an Application Virtualization environment Progress Software guarantees support for the 'guest' operating system but not for the Application Virtualization Software. Progress Technical Support will provide 'best effort' assistance with Application Software environments but can only log product deficiency bugs if the problem can be demonstrated in a non Application Virtualization Software environment. Although Application Virtualization Software is not formally certified by Progress Software, OpenEdge 10 and associated Fathom products have been evaluated against the following Application Virtualization software with no known issues or limitations:

Citrix MetaFrame XPe	▪ VMware GSX Server 3.1 (MS Windows)
Citrix MetaFrame v 1.8 for Win2K	▪ VMware Workstation 5 (MS Windows)
Windows Terminal Server (2000 & 2003)	▪ VMware ESX Server 2.5 (MS Windows)
Citrix Presentation Server (3.0 & 4.0 MS Windows)	▪ HOBLink (MS Windows)

Platforms and Products Notes (continued)

- H. 32Bit & 64Bit x86 environments (Operating Systems & CPU) Progress and OpenEdge 32 Bit Products are supported on operating systems that can either sustain 32 Bit or 64 Bit kernel modes. The 32Bit based Progress OpenEdge products are supported on the Intel EM64T or AMD Opteron/Athlon processors (relies on the Operating System certification of the hardware platform). 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		Progress / OpenEdge version - CPU type - Media ID			
Operating System (Edition / Distribution)	Hardware CPU Type	Certified and Supported Optimized for the target platform		Note	Comments
Microsoft Windows 32 Bit Intel XP Professional Server 2003 & Server 2000 Tablet XP	32 Bit CPU	OpenEdge V10.0 32 Bit Media-ID 146			Native operating system and hardware support
	64 Bit CPU	OpenEdge V10.0 32 Bit Media-ID 146 OpenEdge V10.1 32 Bit Media-ID 146	(1) (1)		Supported but not optimized for 64Bit hardware
Microsoft Windows 64 Bit Intel XP Professional Server 2003	64 Bit CPU	OpenEdge V10.0 32 Bit Media-ID 146 OpenEdge V10.1 32 Bit Media-ID 146			Supported but not optimized for 64Bit operating system or hardware
Linux 32Bit Intel x86 Red Hat Enterprise Linux 3.0 & 4.0 Novell SuSE Enterprise Linux 8 & 9	32 Bit CPU	OpenEdge V10.0 32 Bit Media-ID 178 OpenEdge V10.1 32 Bit Media-ID 178			Native operating system and hardware support
	64 Bit CPU	OpenEdge V10.0 32 Bit Media-ID 178 OpenEdge V10.1 32 Bit Media-ID 178	(1) (1)		Supported but not optimized for 64Bit hardware
Linux 64Bit Intel EM64T / AMD64 Red Hat Enterprise Linux 3.0 & 4.0 Novell SuSE Enterprise Linux 8 & 9	64 Bit CPU	OpenEdge V10.1 64 Bit Media-ID 192 (Currently in Beta)			Native operating system and hardware support
Table Key: NOTES					
(1) Supported but not optimized	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				

- I. SCO OpenServer 6 certification and support:

SQL RDBMS support is not available until the OpenEdge 10.0B04 and Progress V9.1E03 Service Packs.

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

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 ⁽¹⁾	Progress V9.1E	✓	✗	✗	✗	✗	✓	✗
	OpenEdge 10	Not Supported						
UnixWare	Progress V9.1E	✓	✓	✓	✗	✗	✓	✗
	OpenEdge 10.0B	✓	✓	✓	✗	✗	✓	✗
	OpenEdge 10.1A	✓	✓	✓	✗	✗	✓	✗
OpenServer 6	Progress V9.1E	✓	✓ ⁽²⁾	✓	✗	✗	✓	✗
	OpenEdge 10.0B	✓	✓ ⁽²⁾	✓	✗	✗	✓	✗
	OpenEdge 10.1A	OpenServer 6 certification will be scheduled after the commercial release of OpenEdge 10.1A						
✓ Supported configuration with listed restrictions								
✗ Unsupported configuration								
⁽¹⁾ 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								
⁽²⁾ SQL RDBMS support is currently not available due to Progress Bug 20051019-054. A fix is targeted for the upcoming OpenEdge 10.0B04 & Progress V9.1E03 Service Packs.								

Platform Notes for Linux

- The Linux Operating System supports the following hardware platforms (as of May 2005):
 - Intel x86 (32bit)
 - AMD64 (64Bit)
 - Intel EM64T (64Bit)
 - Itanium Processor Family
 - IBM zSeries (64Bit)
 - IBM S/390 (31Bit)
 - IBM POWER (former IBM iSeries and IBM systems - 64Bit)

Progress and OpenEdge products currently support the Linux Intel x86 (32Bit) platform
 The future OpenEdge 10.1A release will provide support for the Linux AMD64 and Linux EM64T platforms.
 Support for other Linux platforms, such as Linux POWER is being considered for future OpenEdge 10 releases.

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 is planned to be terminated in OpenEdge 10.1A

- 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.

Linux architecture	Linux distribution	Default installed Linux Kernel	Associated Glibc levels	Kernel, and distribution details for NFSv3 support	OpenEdge entry level for Linux NFSv3 support
Linux (x86) 32-bit	Red Hat Linux AS 2.1	2.4.9-e30	2.2.4-32.8	Not supported	Not applicable
	Red Hat Enterprise Linux AS/ES/WS 3.0	2.4.21-4.EL	2.3.2-95.3	2.4.21_20.EL (update pack 3)	OpenEdge 10.0B02
	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
	Novell SuSE Enterprise Server 8	2.4.19-4GB	2.2.5.5-164	2.4.21 (service pack 3)	OpenEdge 10.0B02
	Novell SuSE Enterprise Server 9	2.6.5-7.97	2.3.3	2.6.5-7.97	OpenEdge 10.0B02
	Turbolinux Enterprise 8	2.4.19-4GB	2.2.5.5-164	Not supported	Not applicable

Third Party Support by Platform

Product Category	Vendor	Product Name	Version	Product Code	MS Windows Intel	Linux Intel	SCO UnixWare	IBM AIX 5L POWER PC		Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	HP Tru64	Notes
					32 Bit	32 Bit	32 Bit	32 Bit	64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	64 Bit	
Business Intelligence Deployment	Business Objects	Report Application Server (RAS)	9	7817	✓											a, b
		WebGarden RDC Expansion	9	7873	✓											
		Crystal Reports 6CPL add-on	9	7875	✓											
		Crystal Enterprise Professional - 1 User	9	7800	✓											
		Crystal Enterprise Professional -CPU	9	7801	✓											
		CE Smart Reporting add-on 1 User	9	7802	✓											
		WebGarden RDC Expansion	10	7865	✓											
		Crystal Enterprise Express	10	7864	✓											
		CE Embedded half-CPU (formerly 6CPL add-on)	10	7866	✓											
		CE Embedded full-CPU (formerly RAS)	10	7867	✓											
		Crystal Enterprise Professional	10	7937	✓	✓		✓		✓		✓				
		CE Explorer add-on (formerly Smart Reporting)	10	7941	✓	✓		✓		✓		✓				
		CE Auditor add-on	10	7942	✓	✓		✓		✓		✓				
		CE Report Distribution License	10	7943	✓											
		Crystal Enterprise Premium	10	7940	✓			✓		✓						
		Crystal Reports Server	XI	4053	✓	✓										
		Business Objects Enterprise Professional (formerly Crystal Enterprise Professional)	XI	4054	✓	✓		✓		✓						
		BOE Professional Explorer add-on (formerly CE Pro Explorer)	XI	4055	✓	✓		✓		✓						
		BOE Professional Auditor add-on (formerly CE Pro Auditor)	XI	4056	✓	✓		✓		✓						
		BOE Professional LiveOffice add-on	XI	4057	✓	✓		✓		✓						
		Business Objects Enterprise Premium (formerly Crystal Enterprise Premium)	XI	4058	✓	✓		✓		✓						
	CorVu	CorBusiness (Supplement product codes 4456 & 2295)	5	4457	✓											C
		CorStrategy (Supplement product codes 2983 & 2984)	5	2982	✓											
		CorPortfolio	5	2992	✓											
		CorServer	5	4460	✓											
		HyperVu	5	2991	✓											
		Rapid Apps for JDE	5	2990	✓											
		Rapid Apps for QAD	5	4461	✓											

Third Party Support by Platform (continued)

Product Category	Vendor	Product Name	Version	Product Code	MS Windows Intel	Linux Intel	SCO UnixWare	IBM AIX 5L POWER PC	Solaris SPARC		HP-UX PA-RISC		HP-UX Itanium2	HP Tru64	Notes
					32 Bit	32 Bit	32 Bit	32 Bit 64 Bit	32 Bit	64 Bit	32 Bit	64 Bit	64 Bit	64 Bit	
Business Intelligence Development	Business Objects	Crystal Reports Professional	9 10 XI	7804	✓										a, b
		Crystal Reports Developer	9 10 XI	7805	✓										
		Crystal Reports Advanced	9 10	7806	✓										
	CorVu	CorBusiness (Supplement product codes 4456 & 2295)	5	4457	✓										
		CorStrategy (Supplement product codes 2983 & 2984)	5	2982	✓										
		CorPortfolio	5	2992	✓										
		CorServer	5	4460	✓										
		HyperVu	5	2991	✓										
Team Dev	Tugboat Software Roundtable TSMS®	Roundtable Windows Client	10.0A		✓										d
		Roundtable Server	10.0A		✓										
		Roundtable – Character	10.0A			✓	✓	✓	✓	✓	✓	✓	✓	✓	

Notes for Third Party Support by Platform:

- In all installations with Crystal, the Crystal-to-Progress data connection is via the OpenEdge 10 ODBC driver (Data Direct 4.1 ODBC driver).
- General: 32-bit Products are supported on operating systems that can either sustain 32-bit or 64-bit kernel modes.
- CorVu products are deployed to non-Windows operating systems using customized ABA Servers supplied by CorVu
- Supports OpenEdge 10.0A and 10.0B – The Roundtable Character Client uses Bourne shell (/bin/sh scripts) containing no OS specific commands. It is compatible with all Unix platforms supported by Progress Software Corporation
- Business Objects ODBC connectivity matrix:

Business Objects Product	Progress & OpenEdge Versions		
	Progress 8	Progress 9	OpenEdge 10
Crystal 9	Progress 8.3E using ODBC SQL-89 with CR90DBEXWIN_EN.ZIP hotfix	Progress 9.1D using ODBC SQL-92 with 4.1 SP6 or higher update	OpenEdge 10 using ODBC SQL-92
Crystal 10	Not supported	Progress 9.1D using ODBC SQL-92 with 4.1 SP6 or higher update OR Progress 9.1D using ODBC SQL-92 with Crystal 10 DBEX10WIN_EN.ZIP hotfix	OpenEdge 10 using ODBC SQL-92
Crystal XI	Not supported	Progress 9.1E02 using ODBC SQL-92	OpenEdge 10.0B02 using ODBC SQL-92

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 Retired¹. 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.

Benefits of the **deprecation 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

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.

Deprecated Features & 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

Feature and Functionality obsolescence life cycle (continued)

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.
- Information about de-supported and deprecated features will be included in this *OpenEdge Platforms and Products Availability Guide*²
- 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 and De-Supported Features and Functionality List

The following table contains the current list of deprecated and 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.

Deprecated Feature or Functionality	Replacement Feature	Deprecation Information	
		Announced OpenEdge version	Notes
SQL in 4GL	4GL	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	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	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	10.0A	GATEWAYS was an early term (V6) to refer to DataServers. The term was fully replaced by DATASERVERS, which provides similar functionality.
GO-PENDING statement	See notes	10.1A	Dependency with EDITING
IS-ATTR-SPACE statement	Obsolete, not needed	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	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	10.1A	See CHOOSE
Open Client ActiveX	Open Client. NET	10.0A	Refer to the Open Client ActiveX statement of direction available on PSDN (http://psdn.progress.com/index.ssp)

Deprecated and De-Supported Features and Functionality List (continued)

De-supported Feature or Functionality	Replacement Feature	De-Support Information	
		De-support Scheduled For	Notes
RAW PARTITION support for database files	OS File System storage	OpenEdge 10.1A	Substitute with FILE-SYSTEM extents. With 10.1A, the RAW-PARTITION statement will not work.
HP-Compaq Tru64 Operating System	HP-UX PA-RISC HP-UX Itanium	Next major or Enhancement release after OpenEdge 10.1A	In consultation with Hewlett-Packard, OpenEdge 10.1A will be the last release to support Tru64 UNIX. http://h30097.www3.hp.com/tru64_planning.html
Oracle 8i support (DataServer for Oracle)	Oracle 10g	Next major or Enhancement release after OpenEdge 10.1A	Oracle 8i life cycle summary: -Error Correction Support (ECS): 31-DEC-2004 -Extended Support (ES): 31-DEC-2007 -Extended Maintenance Support (EMS): 31-DEC-2006
Informix support (DataServer for ODBC)	None	OpenEdge 10.1A	The embedded ODBC drivers which ship with the OpenEdge DataServer for ODBC will no longer include the Informix ODBC drivers - No current OpenEdge 10.0B DataServer functionality will be removed.
MS SQL Server 7 (DataServer of MS SQL Server)	MS SQL Server 2000 or MS SQL Server 2005	OpenEdge 10.1A (once MS SQL Server 2005 has been certified)	Mainstream Microsoft support for SQL Server 7.0 will end on March 31, 2004, with extended support wrapping up March 31, 2006

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

Appendix A – Packaging Comparison to Progress Version 9

OPENEDGE PLATFORM CATEGORY	Sub-category	Progress V9 Product Name	Progress V9 Media ID	OpenEdge 10 Media ID	REPACKAGED INTO...
OpenEdge Development	Team Development	Roundtable TSMS /(third party product)	260	260	
		Roundtable Lite (third party product)	319	Retired	
	Development	OpenEdge Studio	0027	0027	
		ProVision Plus	299	Repackaged	OpenEdge Studio
		ProVision	243	Repackaged	OpenEdge Studio
		4GL Development System	244	244	
		Application Debugger	221	Repackaged	OpenEdge Studio 4GL Development System OpenEdge Development Server
		Translation Manager	219	219	
		Visual Translator	246	246	
		Progress Toolkit	225	Repackaged	OpenEdge Studio 4GL Development System WebSpeed Workshop
		Open Client Toolkit	303	Repackaged	OpenEdge Studio 4GL Development System WebSpeed Workshop
		WebSpeed Workshop	268	268	
		Actuate Developer Workbench/ 289 (third party product)	289	Retired	
		Progress/400 Native 4GL Compiler	276	Retired	
		Embedded SQL-89/C	232	Retired	
		WebClient developer files (see notes after this table)	NA	Repackaged	OpenEdge Studio
		ProVision Development Server ProVision Plus Development Server WebSpeed Development Server ReportBuilder (development product)	NA	Repackaged	OpenEdge Development Server
				Retired	
OpenEdge Deployment	Deployment	Client Networking	217	217	
		WebClient	336	336	
		SQL Client Access	313	Repackaged	OpenEdge Personal RDBMS OpenEdge Workgroup RDBMS OpenEdge Enterprise RDBMS (All drivers for all platforms packaged with each RDBMS) ODBC and JDBC drivers avail for download as well
		Query/Results	248	248	
		ReportBuilder (run-time) (this is the run-time engine, not the developer tool)			Packaged with 4GL client products
		Actuate End User Desktop (third party product)	290	Retired	
		Actuate Report Server (third party product)	291	Retired	
		Actuate Administrator Desktop (third party product)	292	Retired	
		Actuate ReportCast (third party product)	300	Retired	
	Database	OpenEdge Personal RDBMS	250	250	
		OpenEdge Workgroup RDBMS	251	251	
		OpenEdge Enterprise RDBMS	252	252	
		MERANT ODBC Driver 32-bit (third party product)	272	Retired	

Packaging Comparison to Progress Version 9 (continued)

OPENEDGE PLATFORM CATEGORY	Sub- category	Progress V9 Product Name	Progress V9 Media ID	OpenEdge 10 Media ID	REPACKAGED INTO...
OpenEdge Deployment	DataServers	ODBC Enterprise DataServer	310	Retired	
		ODBC Personal DataServer	302	Retired	
		OpenEdge DataServer for ODBC		New	
		OpenEdge DataServer for Oracle	256	256	
		Enterprise DataServer for MS SQL Server	335	Retired	
		Personal DataServer for MS SQL Server	334	Retired	
		OpenEdge DataServer for MS SQL Server		New	
		Progress/400 DataServer	253	Retired	
	Application & Transaction Servers	Open AppServer	NA	Retired	
		AppServer Plus	Bundle	Retired	
		AppServer	274	Repackaged	OpenEdge Application Server Basic Edition OpenEdge Application Server Enterprise Edition
		Secure AppServer Plus	Bundle	Retired	
		Secure AppServer	340	Repackaged	OpenEdge Application Server Enterprise Edition
		Client-Side Security	341	Repackaged	OpenEdge Application Server Basic Edition OpenEdge Application Server Enterprise Edition Client Networking WebClient
		WebSpeed Transaction Server	270	Repackaged	OpenEdge Application Server Basic Edition OpenEdge Application Server Enterprise Edition
		WebSpeed Enterprise Transaction Server	283	Retired	
		NameServer Load Balancer	314	314	
		OpenEdge Application Server Basic Edition		New	
		OpenEdge Application Server Enterprise Edition		New	
	Adapters	AppServer Internet Adapter	337	Repackaged	OpenEdge Application Server Basic Edition
		AppServer Internet Adapter/S	338	Repackaged	OpenEdge Application Server Enterprise Edition OpenEdge Development Server
		Sonic MQ Adapter	339	Repackaged	OpenEdge Application Server Basic Edition OpenEdge Application Server Enterprise Edition OpenEdge Development Server Client Networking WebClient