

CA Plex Compatibility Matrix for Supported Releases

Last Updated: 04/10/2017

CA Plex operates with many third-party products. See the product documentation for system requirements and the online help for other environmental requirements.

Note: Support for CA Plex r7.0 has been discontinued from January, 2016. Support for CA Plex r6.1 was discontinued on June 30, 2015. Support for Plex r6.0 was discontinued on April 01, 2013.

Contents

[Plex Development Platforms](#)

[Windows Client \(C++\) Deployment Platforms](#)

[Windows C++ Server Deployment Platforms](#)

[Microsoft Visual C++ Versions](#)

[Microsoft .NET C# Client and Server Generators](#)

[Plex - IBM i compatibility](#)

[Plex - Java Environments](#)

[Plex Application Integrator](#)

[Databases Tested with Plex 6.1](#)

[Databases Tested with Plex 7.2.1, 7.2, 7.1 and 7.0 CA](#)

[API Gateway Support](#)

Plex Development Platforms

The Plex development environment is supported on the following platforms:

	7.2.1	7.2	7.1	7.0	6.1
Windows 10	X ³				
Windows Server 2012	X	X	X	X	
Windows 8	X ²	X ²	X ²	X ²	
Windows Server 2008 R2	X	X	X	X	X ¹
Windows 7	X ²	X ²	X ²	X ²	X ¹

Windows Server 2008	X ²	X ²	X ²	X ²	X
Windows Vista, SP1		X ²	X ²	X ²	X ²
Windows XP SP3		X ²	X ²	X ²	X ²

1

Tested with 32-bit editions of Windows

2

Tested with 32-bit and 64-bit editions of Windows

3

As per Microsoft compatibility matrix, Windows 10 is not certified Operating System for Visual Studio 2013. CA Plex is certified with Windows 10 with Visual Studio 2013 Professional (Update 5). Following internal testing in CA QA labs, there were no installation issues with Visual Studio 2013 Professional (Update 5) and Plex QA regression suite was successful.

For notes on CA Plex compatibility with Windows 7 and Windows Server 2008 R2 see Knowledge Base Article [TEC495228](#)

Note: The Server Core version of Windows is not supported for development or deployment of Plex applications.

Windows Client (C++) Deployment Platforms

32-bit C++ client (WinC) applications generated by Plex can be deployed to the following client platforms:

	7.2.1	7.2	7.1	7.0	6.1
Windows 10	X ¹				
Windows 8	X	X	X	X	
Windows 7	X	X	X	X	X
Windows Vista SP1		X	X	X	X
Windows XP SP3		X	X	X	X

1

As per Microsoft compatibility matrix, Windows 10 is not certified Operating System for Visual Studio 2013. CA Plex is certified with Windows 10 with Visual Studio 2013 Professional (Update 5). Following internal testing in CA QA labs, there were no installation issues with Visual Studio 2013 Professional (Update 5) and Plex QA regression suite was successful.

Windows C++ Server Deployment Platforms

Note: The Windows C++ Server is provided for the maintenance of existing CA Plex C++ Server applications. For development of new applications for the Windows Server platform, CA recommends the C# or Java generators.

C++ Server applications generated by the Plex Windows C++Generator can be deployed to:

	7.2.1	7.2	7.1	7.0	6.1
Windows Server 2012	X	X	X	X	
Windows Server 2008 R2	X	X	X	X	X
Windows Server 2008	X ¹				
Windows Server 2003		X ¹	X ¹	X ¹	X ¹
Windows Server 2003 R2		X ¹	X ¹	X ¹	X ¹

¹ Tested on 32-bit and 64-bit operating systems. Plex Windows C++ applications are 32-bit applications that execute under WOW64 environment on 64-bit Windows. For full 64-bit execution use the C# or Java generators.

Microsoft Visual C++ Versions

Older versions of Visual Studio may be obtained from Microsoft via an MSDN subscription or by purchasing the current version and requesting a downgrade. Please verify terms and conditions with Microsoft. Older versions may also be available from third-party resellers.

Visual Studio Express edition is NOT compatible with Plex C++ builds, because it does not include the MFC libraries.

Visual Studio 2005 Service Pack 1 is available as a separate download from Microsoft and must be installed after Visual Studio 2005. In addition, on Windows Vista, Windows Server 2008 R2 and Windows 7, the "Visual Studio 2005 Service Pack 1 Update for Windows Vista" should be installed.

All internal testing of CA Plex WinC and WinNTC applications are carried out using the English language install of Visual Studio 2005.

For Plex r7.2.1 WinC/WinNTC variant, Visual Studio Professional 2013 is required.

Visual Studio Professional 2013 Update 5 is available as a separate download from Microsoft. In addition, Multibyte MFC Library for Visual Studio 2013 should be installed, which is available as a separate download from Microsoft.

All internal testing of CA Plex WinC and WinNTC applications are carried out using the English language install of Visual Studio Professional 2013.

	7.2.1	7.2	7.1	7.0	6.1
Visual Studio Professional 2013 Version Update 5 edition	X				
Visual Studio 2008, 2010, 2012 and 2013(not supported with Plex C++)					
Visual Studio 2005 SP1 Standard, Professional or Architect edition		X	X	X	

Microsoft .NET C# Client and Server Generators

Visual Studio is NOT required for C# development; however, Visual Studio 2010, 2012 or 2013 may be useful for debugging and other development activities in which case the Express edition is the minimum requirement for this purpose.

If you are generating and deploying WPF clients or WCF services, then the .NET Framework is the minimum requirement.

	7.2.1	7.2	7.1	7.0	6.1
Microsoft .NET Framework 4.6, 32-bit and 64-bit	X				
Microsoft .NET Framework 4.0, 32-bit and 64-bit		X	X	X	
Microsoft .NET Framework 3.5, 32-bit and 64-bit					X

***Plex - IBM i compatibility* i OS, i5/OS and OS/400 Versions**

For IBM End of Support information, see <https://www-304.ibm.com/systems/support/i/planning/software/i5osschedule.html>.

	IBM i OS End of Support	7.2.1	7.2	7.1	7.0	6.1
IBM i 7.3	Not Announced	X	X	X		
IBM i 7.2	Not Announced	X	X	X		
IBM i 7.1	Not Announced	X	X	X	X	
IBM i 6.1	30 Sept 2015		X	X	X	X
i5/OS V5R4	30 Sept 2013		X	X	X	X

i5/OS V5R3	30 Apr 2009					X
------------	-------------	--	--	--	--	---

Plex - Java Environments

Java Development Environments

The Plex Java Generator has been tested with the following JDK versions:

	7.2.1	7.2	7.1	7.0	6.1
Oracle J2SE Development Kit (JDK) 8.0	X	X			
Oracle J2SE Development Kit (JDK) 7.0	X	X	X	X	
Oracle J2SE Development Kit (JDK) 6.0					X

See <http://www.javasoft.com/> to download JDK versions.

Java Client Deployment Platforms

	7.2.1	7.2	7.1	7.0	6.1
Oracle JRE 8 on Windows 7 64bit and 32bit	X	X			

Oracle JRE 7 on Windows 8, Windows 7, Windows Vista and Windows XP	X	X	X	X	
Oracle JRE 6 on Windows 7, Windows Vista and Windows XP					X

Java Server Deployment Platforms

Plex -generated Java Server applications have been tested on the following JRE versions.

	7.2.1	7.2	7.1	7.0	6.1
Oracle JRE 8	X	X			
Oracle JRE 7	X	X	X	X	
Oracle JRE 6					X

J2EE Application Server Deployment Platforms

The following combinations have formally been tested. Till Plex 7.2.

	Windows	Linux	System i
Oracle Glassfish 3.1.1	X		
BEA WebLogic 8.1	X		
IBM WebSphere 6.1	X		X

Oracle Java System Application Server 9.1_02	X		
JBoss 4.0.2	X	X	

Note: The support for the EJB deployment with Advantage Joe was removed in Plex r6.0. Use the vendor's deployment tools.

The following combinations have formally been tested for Plex 7.2.1.

	Windows	Linux	System i
Oracle GlassFish 4.x	X		
IBM WebSphere 8.5	X		
WildFly – 9.x	X		

Note: For Plex 7.2.1 Supported EJB version is 3.2.

Plex Application Integrator

	7.2.1	7.2	7.1	7.0	6.1
Application Integrator 1.2 Build 76	X	X	X	X	X

Databases Tested with Plex r7.2.1, r7.2, r7.1 and r7.0

The following databases have been tested with Plex r7.2.1, r7.2, r7.1 and r7.0:

OLE DB Providers

In general, CA recommends the use of native OLE DB Providers rather than the OLE DB Provider for ODBC.

DB	DB Version	OLE DB Provider
Microsoft SQL Server	2014, 2012 SP1, 2008 R2, 2008	SQL Native Client ¹
Oracle Database	CA Plex r7.0, r7.1: 11g Release 2, 11g CA Plex r7.2, r7.2.1: 12c	Oracle Provider for OLE DB (32-bit or 64-bit) ²
IBM DB2 UDB for Windows	9.7	IBM OLE DB Provider for DB2

¹

The MARS Connection option is recommended. See Plex r7.2.1, r7.2, r7.1 or r7.0 online help for details.

²

Note that you should use the OLE DB Provider associated with the release of Oracle that you are using. Also, if you wish to use the 32-bit Oracle Provider for OLE DB on a 64-bit architecture, you must make sure that the CA Plex executable used to launch the application is configured to launch in 32-bit mode. See the online help for more details.

ODBC

DB	DB Version	Driver Version	Application Server OS	DB Server OS
Microsoft SQL Server	2014, 2012 SP1, 2008 R2, 2008	2011.110.2100.60 6.02.9200.16384 6.01.7100.00 2009.100.1600.01	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2
Oracle ¹	CA Plex r7.0, r7.1: 11g Release 2, 11g	11.02.00.01 11.01.00.06	Windows Server 2012, Windows Server 2008	Windows Server 2008 Windows 2003 Server SP2,
	CA Plex r7.2.1, r7.2:12c	12.01.00.01	Windows 2003 Server SP2, Windows 2003 Server R2	Windows 2003 Server R2

IBM DB2 UDB for Windows	9.7	9.07.500.4299	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2	Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2
-------------------------	-----	---------------	---	---

¹ Oracle 64-bit is not supported.

JDBC

DB	DB Version	Driver Version	Application Server OS	DB Server OS
Microsoft SQL Server	2014, 2012 SP1, 2008 R2, 2008	SQL Server JDBC Driver 4.0, SQL Server JDBC Driver 3.0, SQL Server JDBC Driver 2.0	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2
Oracle Database	CA Plex r7.0, r7.1: 11g Release 2, 11g	Oracle 11g Release 2 JDBC Driver (11.2.0.3) Oracle 11g Release 1 JDBC Driver (11.1.0.7.0)	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2,	Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2
	CA Plex r7.2, r7.2.1: 12c	Oracle 12C JDBC Driver (12.1.0.1)	Windows 2003 Server R2	

IBM DB2 UDB for Windows	9.7	IBM Data Server Driver for JDBC and SQLJ V9.7 Fix Pack 4	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2	Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2
-------------------------	-----	--	---	---

Native

DB	DB Version	Application Server OS	DB Server OS
IBM DB2 UDB for System i	7.1, 6.1, V5R4	7.1, 6.1, V5R4	7.1, 6.1, V5R4
Oracle Database	CA Plex r7.0, r7.1: 11g Release 2, 11g CA Plex r7.2, r7.2.1: 12c	Windows Server 2012, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2	Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2

Databases Tested with Plex 6.1

The following databases have been tested with Plex 6.1:

OLE DB Providers

In general, CA recommends the use of native OLE DB Providers rather than the OLE DB Provider for ODBC.

DB	DB Version	OLE DB Provider
-----------	-------------------	------------------------

Microsoft SQL Server	2008 R2, 2008, 2005 SP2	SQL Native Client ¹
Oracle Database	11g Release 2, 11g, 10g Release 2	Oracle Provider for OLE DB
IBM DB2 UDB for Windows	9.5	IBM OLE DB Provider for DB2

¹

The MARS Connection option is recommended. See Plex 6.1 online help for details.

ODBC

DB	DB Version	Driver Version	Application Server OS	DB Server OS
Microsoft SQL Server	2008 R2, 2008, 2005 SP2	2009.100.1600.01 6.01.7100.00 2007.100.1600.22 2005.90.1399.00	Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2	Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2
Oracle ¹	11g Release 2, 11g, 10g Release 2	11.02.00.01 11.01.00.06 10.02.00.03	Windows Server 2008 Windows 2003 Server SP1, Windows 2003 Server R2	Windows Server 2008 Windows 2003 Server SP1, Windows 2003 Server R2
IBM DB2 UDB for Windows	9.5	9.05.00.808	Windows 2003 Server SP1, Windows 2003 Server R2	Windows 2003 Server SP1, Windows 2003 Server R2

¹ Oracle 64-bit is not supported.

JDBC

DB	DB Version	Driver Version	Application Server OS	DB Server OS
Microsoft SQL Server	2008 R2, 2008, 2005 SP2	SQL Server JDBC Driver 3.0, SQL Server JDBC Driver 2.0, SQL Server 2005 JDBC Driver 1.2	Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2	Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2
Oracle Database	11g Release 2, 11g, 10g Release 2	Oracle 11g Release 2 JDBC Driver (11.2.0.1.0) Oracle 11g Release 1 JDBC Driver (11.1.0.7.0) Oracle 10g Release 2 JDBC Driver (10.2.01.0)	Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2	Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2

IBM DB2 UDB for Windows	9.5	IBM Data Server Driver for JDBC and SQLJ	Windows Server 2008 R2, Windows 2003 Server SP1, Windows 2003 Server R2	Windows 2003 Server SP1, Windows 2003 Server R2
-------------------------	-----	--	---	---

Native

DB	DB Version	Application Server OS	DB Server OS
IBM DB2 UDB for System i	7.1, 6.1, V5R4, V5R3	7.1, 6.1, V5R4, V5R3	6.1, V5R4, V5R3
Oracle Database	11g Release 2, 11g or 10g Release 2	Windows Server 2012, Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2	Windows Server 2008, Windows 2003 Server SP1, Windows 2003 Server R2

Note: SQL Server 2008 R2 and Oracle 11g Release 2 were tested with PTF027. For notes on CA Plex r6.1 PTF027 compatibility with SQL Server 2008 new Date and Time data types see Knowledge Base Article [TEC539097](#).

CA API Gateway Support

CA Plex WCF Service Connectors that support httpBasicBinding have been tested with the following versions of the CA API Gateway.

	7.2.1	7.2	7.1	7.0
CA API Gateway 8.2	X	X		