

## CA Plex Compatibility Matrix for Supported Releases

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

**Note:** For retired release information please check the retired release Compatibility Matrix in the below link –

[https://ca-broadcom.wolkenservicedesk.com/external/article?articleId=11471&\\_ga=2.1643249.1971266264.1568971692-174116473.1563345244](https://ca-broadcom.wolkenservicedesk.com/external/article?articleId=11471&_ga=2.1643249.1971266264.1568971692-174116473.1563345244)

### 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 7.2.1, 7.2 and 7.1](#)

[CA API Gateway Support](#)

### *Plex Development Platforms*

The Plex development environment is supported on the following platforms:

	7.2.1	7.2	7.1
Windows Server 2019	X		
Windows Server 2016	X		
Windows Server 2012 R2	X		
Windows 10	X <sup>2</sup>		X <sup>3</sup>
Windows Server 2012	X	X	X
Windows 8	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
Windows Server 2008 R2	X	X	X
Windows 7	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
Windows Server 2008	X <sup>1</sup>	X <sup>1</sup>	X <sup>1</sup>
Windows Vista, SP1		X <sup>1</sup>	X <sup>1</sup>
Windows XP SP3		X <sup>1</sup>	X <sup>1</sup>

<sup>1</sup> Tested with 32-bit and 64-bit editions of Windows

<sup>2</sup> 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.

<sup>3</sup> Windows 10 comes with .Net Framework 4.6.1 or higher as a default install. This will prevent .Net Framework 4.6 installation as higher version is already installed. With this, we may get warnings related to the processor architecture as Plex .Net runtime is based on .Net 4.0 and the machine has 4.6.1 or higher version. We can ignore these warnings.

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:

	<b>7.2.1</b>	<b>7.2</b>	<b>7.1</b>
<b>Windows 10</b>	<b>X<sub>1</sub></b>		<b>X</b>
<b>Windows 8</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Windows 7</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Windows Vista SP1</b>		<b>X</b>	<b>X</b>
<b>Windows XP SP3</b>		<b>X</b>	<b>X</b>

<sup>1</sup> 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:

	<b>7.2.1</b>	<b>7.2</b>	<b>7.1</b>
<b>Windows Server 2019</b>	<b>X</b>		
<b>Windows Server 2016</b>	<b>X</b>		
<b>Windows Server 2012 R2</b>	<b>X</b>		
<b>Windows Server 2012</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Windows Server 2008 R2</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Windows Server 2008</b>	<b>X<sub>1</sub></b>	<b>X<sub>1</sub></b>	<b>X<sub>1</sub></b>
<b>Windows Server 2003</b>		<b>X<sub>1</sub></b>	<b>X<sub>1</sub></b>
<b>Windows Server 2003 R2</b>		<b>X<sub>1</sub></b>	<b>X<sub>1</sub></b>

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.

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

### **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.

	<b>7.2.1</b>	<b>7.2</b>	<b>7.1</b>
<b>Microsoft .NET Framework 4.6, 32-bit and 64-bit</b>	<b>X</b>		
<b>Microsoft .NET Framework 4.0, 32-bit and 64 - Bit</b>		<b>X</b>	<b>X</b>

### *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>.

	<b>IBM I OS End of Support</b>	<b>7.2.1</b>	<b>7.2</b>	<b>7.1</b>
<b>IBM i 7.4</b>	<b>Not Announced</b>	X		
<b>IBM i 7.3</b>	<b>Not Announced</b>	X	X	X
<b>IBM i 7.2</b>	<b>Not Announced</b>	X	X	X
<b>IBM i 7.1</b>	<b>30 April 2018</b>	X	X	X
<b>IBM i 6.1</b>	<b>30 Sept 2015</b>		X	X
<b>i5/OS V5R4</b>	<b>30 Sept 2013</b>		X	X
<b>i5/OS V5R3</b>	<b>30 Apr 2009</b>			

### *Plex - Java Environments*

#### **Java Development Environments**

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

	<b>7.2.1</b>	<b>7.2</b>	<b>7.1</b>
<b>Oracle J2SE Development Kit (JDK) 8.0</b>	X	X	
<b>Oracle J2SE Development Kit (JDK) 7.0</b>	X	X	X
<b>Oracle J2SE Development Kit (JDK) 6.0</b>			

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

### Java Client Deployment Platforms

	7.2.1	7.2	7.1
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
Oracle JRE 6 on Windows 7, Windows Vista and Windows XP			

### Java Server Deployment Platforms

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

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

### 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	

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
Application Integrator 1.2 Build 76	X	X	X

### *Databases Tested with Plex r7.2.1, r7.2 and r7.1*

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

#### **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	CA Plex r7.2.1: 2019, 2016, 2014, 2012 SP1, 2008 R2,	SQL Native Client <sup>1</sup>
Oracle Database	CA Plex r7.1: 11g Release 2, 11g. CA Plex r7.2, r7.2.1: 12c r1 and r2 Plex r7.2.1: 19c	Oracle Provider for OLE DB (32-bit or 64-bit) <sup>2</sup>
IBM DB2 UDB for Windows	9.7	IBM OLE DB Provider for DB2

The MARS Connection option is recommended. See Plex r7.2.1, r7.2 or r7.1 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	CA Plex r7.2.1: 2019, 2016, 2014, 2012 SP1, 2008 R2, 2008	2015.131.4413.46, 2011.110.2100.60, 6.02.9200.16384, 6.01.7100.00, 2009.100.1600.01	Windows Server 2016, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2,	Windows Server 2019, Windows Server 2016, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003
Oracle 1	CA Plex 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 r1 and r2 CA Plex r7.2.1: 19c	12.01.00.01 19.3.0.0.0	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

<sup>1</sup> Oracle 64-bit is not supported.

**JDBC**

<b>DB</b>	<b>DB Version</b>	<b>Driver Version</b>	<b>Application Server OS</b>	<b>DB Server OS</b>
<b>Microsoft SQL Server</b>	<b>CA Plex r7.2.1: 2019, 2016. 2014, 2012 SP1, 2008 R2, 2008</b>	<b>CA Plex r7.2.1: SQL Server JDBC 6.0. SQL Server JDBC Driver 4.0, SQL Server JDBC Driver 3.0, SQL Server JDBC Driver 2.0</b>	<b>Windows Server 2016, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2,</b>	<b>Windows Server 2019, Windows Server 2016, Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2, Windows 2003</b>
<b>Oracle Database</b>	<b>CA Plex r7.1: 11g Release 2, 11g</b>	<b>Oracle 11g Release 2 JDBC Driver (11.2.0.3) Oracle 11g Release 1 JDBC Driver (11.1.0.7.0)</b>	<b>Windows Server 2012, Windows Server 2008 R2, Windows Server 2008, Windows 2003 Server SP2,</b>	<b>Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2</b>
	<b>CA Plex r7.2, r7.2.1: 12c r1 and r2 CA Plex r7.2.1: 19c</b>	<b>Oracle 12C JDBC Driver (12.1.0.1) and Driver (12.2.0.1) Driver(19.3.0.0.0)</b>	<b>Windows 2003 Server R2</b>	



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

<b>DB</b>	<b>DB Version</b>	<b>Application Server OS</b>	<b>DB Server OS</b>
<b>IBM DB2 UDB for System i</b>	<b>7.1, 6.1, V5R4</b>	<b>7.1, 6.1, V5R4</b>	<b>7.1, 6.1, V5R4</b>
<b>Oracle Database</b>	<b>CA Plex r7.1: 11g Release 2, 11g CA Plex r7.2, r7.2.1: 12c r1 and r2 CA Plex r7.2.1: 19c</b>	<b>Windows Server 2012, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2</b>	<b>Windows Server 2019, Windows Server 2008, Windows 2003 Server SP2, Windows 2003 Server R2</b>

### *CA API Gateway Support*

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

	<b>7.2.1</b>	<b>7.2</b>	<b>7.1</b>
<b>CA API Gateway 8.2</b>	X	X	