



Supported Platforms

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This document is the *LANSA Supported Platforms* document for the latest generally available version, currently LANSA Version 15 at the latest EPC level.

The information contained in this document represents the current view of LANSA on the issues discussed as of the date of publication. Because LANSA must respond to changing market conditions, it should not be interpreted to be a commitment on the part of LANSA, and LANSA cannot guarantee the accuracy of any information presented after the date of publication. In many cases, information in this document is dependent on information from third party vendors. In such cases LANSA's support for these third party software products ceases forthwith if the third party vendor itself ceases mainstream* support of such software product, regardless of what may be stated in this document.

The statements in this document represent the current intentions of LANSA. LANSA development plans are subject to change or withdrawal without further notice. Any reliance on this document is at the relying party's sole risk and will not create any liability or obligation for LANSA.

Any future product names, feature content or availability dates are provisional only and subject to later confirmation. Such information may change without further notice prior to general availability.

This document is for informational purposes only. **LANSA MAKES NO WARRANTIES, EXPRESS OR IMPLIED, IN THIS DOCUMENT.**

* "mainstream" : For Microsoft products this is defined as the End Date of Mainstream Support (and not Extended Support) and for IBM Products it is defined as the End of Program Support Date.

Document Purpose	4
Definition of Support Categories	5
LANSA Support Lifecycle and General Policies	6
Platform: IBM i	8
Policy	8
Platform: Microsoft Windows	10
Policy	10
Platform: Web Application Client and Server	15
Policy	15
Platform: Linux Servers	19

LANSA Supported Platforms

Document Purpose

This document is the *LANSA Supported Platforms* document for the latest generally available version, currently LANSAs Version 15 at the latest EPC level.

The contents include the software and hardware combinations that are supported running LANSAs software. Any software and/or hardware combination or item that is not explicitly referenced is considered to be at best “Uncertified” and perhaps “Unsupported” once investigated (see following for definition of terms) except where the vendor supports upward compatibility and LANSAs either “Confirms” or “Maintains” an earlier release (see below for third party vendor support). This information relates to English-language versions only.

The status for all software listed in this document has been verified for SBCS English only. The status for DBCS languages and other SBCS languages may vary from that provided in this document.

Availability and status may vary in your geography. Contact your local LANSAs Sales Office for more information.

In addition, this document may include planning information for expected future LANSAs releases. This information is subject to change at any time without notice.

Platforms are categorized as:

- **IBM i** for application/data Servers with 5250, Windows, web browser or mobile clients.
- **Microsoft Windows** for clients and application/data servers with Windows, web browser or mobile clients.
- **Web Application Server** for web applications including multi-tiered configurations of Web Server front-ends and back-end application/data Servers.
- **Linux** for application/data Servers with Windows, web browsers or mobile clients.

Within each platform are statements of:

- Policy
- Relative priority
- Relationships among LANSAs products.

Definition of Support Categories

The following symbols are used in the Sup. Status column in this document:

- ☒ Confirmed:

 - Configuration has been comprehensively tested.
 - Technical support response timeframes measured in accordance with the maintenance agreement.
 - Configuration components exist at Technical Support.
 - Error fixes or workarounds provided for reported errors.

- ✓ Maintained:

 - Configuration has not been comprehensively tested but substantial evidence suggests that it is expected to operate properly.
 - Technical support response time frames may be delayed in some cases.
 - Configuration components exist at Technical Support.
 - Error fixes or workarounds provided for reported errors.

- ⚠ Uncertified:

 - Configuration may or may not have been tested.
 - Configuration may or may not work.
 - Using “uncertified” features in development and production is at the subscriber’s own risk as there is no guarantee that “uncertified” features will ever work the way that a subscriber expects. Subscribers must perform their own testing of all “uncertified” features to determine suitability for production.
 - Limited technical support provided as appropriate with no specified response timeframes.
 - Configuration hardware and software may not exist at Technical Support.
 - Subscriber or subscriber’s local LANSA distributor is required to provide reproducible error on “Confirmed” or “Maintained” configuration.
 - Error fixes or workarounds, if any, only provided to the extent appropriate to fix the nearest equivalent “Maintained” or “Confirmed” configuration.
 - Technical support will take longer than normal due to nature of configuration.
 - Errors reported on configurations of this type receive lower response priority than reported errors from “Confirmed” or “Maintained” configurations at the same error severity level.

- i Customized:

 - Contact your LANSA Sales Office for more information.

- ✗ Unsupported:

 - Configuration may or may not have been tested.
 - Configuration may or may not work.
 - No technical support provided.

LANSA Support Lifecycle and General Policies

1. **LANSA supports two versions concurrently:** LANSAs formally supports two versions at any time. The latest shipped version of LANSAs and the immediate prior version are supported. LANSAs versions are supported at the latest Service Pack and/or EPC level.

2. **Third party vendors:** In many cases, information in this document is dependent on information from third party vendors.
 - a. LANSAs support for these third party software products ceases forthwith if the third party vendor itself ceases mainstream* support of such software product, regardless of what may be stated in LANSAs documents.
 - b. If third party vendors support upward compatibility for a given product then LANSAs support for a product may be taken to mean support for subsequent compatible releases (or service/maintenance packs) of that product. Where LANSAs support for a given vendor product is “Confirmed” status then later releases (or service/maintenance packs) will be implicitly “Maintained” status relying on vendor upward compatibility even if not explicitly mentioned in this document. Where LANSAs support for a given vendor product is “Maintained” status then later releases (or service/maintenance packs) will be implicitly “Maintained” status relying on vendor upward compatibility even if not explicitly mentioned in this document.
 - c. If third party vendors do not support upward compatibility for a given product then LANSAs support for a product may only be taken to mean for the specific releases stated in this document.
 - d. Beta products are not supported.

3. **Varied functionality and performance across supported configurations:** A given configuration may be “Confirmed” or “Maintained” by LANSAs, and yet offer varied functionality or performance compared to other supported configurations due to inherent differences across provider platforms or varied provider implementation of standards e.g. Microsoft Windows does not support IBM i-unique features. Differences may also reflect varied LANSAs implementation across platforms. Built-in functions (in LANSAs products also known as OV_BIFs), particularly those using low level OS features, may also reflect varied LANSAs implementation across platforms. Documenting these detailed differences is beyond the scope of this document.

4. **New functionality may not always follow LANSAs policies:** LANSAs sometimes makes new functionality available early to a limited number of customers. Such early functionality may not always follow all LANSAs policies including version level naming but its version levels will be planned to synchronize at a later date. Initially supported platforms may be limited and if so, these limitations are beyond the scope of this document.

5. **The Risks of using Operating Systems no longer under mainstream vendor support:** When using such unsupported Operating Systems (e.g. Windows 7), if a problem is specific to the LANSAs software, LANSAs will use its discretion as to whether reported issues will be corrected; if the problem is the result of the combination of the operating



system and the LANSA software, reported issues will not be investigated nor resolved unless the customer has an extended support agreement with the operating system vendor to potentially help resolve the issue.

* “mainstream” : For Microsoft products this is defined as the End Date of Mainstream Support (and not Extended Support) and for IBM Products it is defined as the End of Program Support Date.

Platform: IBM i

This section describes supported IBM i platforms when used as application/data Servers with 5250, Windows, web browser or mobile clients. For supported Windows clients see Windows platform section. For supported web browser or mobile clients or supported multi-tier Web Application Server configurations see separate Web Application Server section.

Policy

- LANSAs will support IBM i releases according to IBM's stated current policy. Such support may vary by geography. This document refers to USA announcement status.
- LANSAs will make best efforts to support the very latest IBM i release as soon as practical after IBM General Availability.
- Any later releases of IBM i not mentioned in this document but that become available during supported stages of the lifecycle of the LANSAs versions mentioned here, will be implicitly "Maintained" status at the time of the availability from IBM.
- LANSAs actively participates in IBM pre-release programs to assist with early support.
- LANSAs functionality aims to be consistent across IBM i and Windows platforms subject to inherent platform restrictions e.g. There is no Windows graphical user interface on IBM i nor IBM i-unique features on Windows.

Relative Priority

- IBM i is LANSAs's most important production platform for traditional applications and equally important with Windows platforms.
- IBM i is LANSAs's second most important development platform (after Windows).

Relationships among LANSAs products

- LANSAs for i provides production support on IBM i for LANSAs applications developed either in LANSAs for i or Visual LANSAs.
- LANSAs for i is the IBM i deployment environment for Visual LANSAs, LANSAs Commerce Edition, LANSAs Composer, LANSAs Open, and LANSAs Client where the products are at the same version levels.

IBM i Platform

	Version	Vendor End Support Date	Sup. Status	Remarks
LANSA for i				
Operating Systems				
IBM i	7.1	Ended	✘	
IBM i	7.2	30 Apr 21	★	
IBM i	7.3	TBA	★	
IBM i	7.4	TBA	★	

Development Compile/Build (required only for Dev./Compile/Build system)

Note: RPG and C/C++ Compilers included in WebSphere Development Studio

As above for OS releases.

RPG compiler (ILE compiler and/or Heritage compiler)

As for IBM i operating system version

C/C++ Compiler (ILE compiler)

As for IBM i operating system version

Platform: Microsoft Windows

This section describes supported Microsoft Windows platforms when used as Windows standalone clients or client/server platforms. For supported web browser or mobile clients or supported multi-tier Web Application Server configurations see separate Web Application Server section.

Policy

- LANSA will make best efforts to support the latest generally available Microsoft Windows releases recommended for business use and considered stable by respected market commentators.
- Where later generally available Microsoft Windows releases or service pack levels are not specifically mentioned in this document but earlier releases are, then such later releases are supported by LANSA but only at a “Maintained” level.
- LANSA may or may not support the latest generally available Microsoft Windows releases recommended for consumer use subject to demonstrable LANSA business market demand.
- LANSA supports Microsoft Windows 64-bit releases in both 64-bit mode and 32-bit compatibility mode.
- Note that 32-bit Database drivers are required in 32-bit compatibility mode - regardless of whether the Database Server is 32-bit or 64-bit.
- In 32-bit compatibility mode, LANSA supports 64-bit Database Servers (with 32-bit Database drivers) at the same status as the 32-bit Database Servers listed where the vendor supports replacing the 32-bit Database Server version directly for the 64-bit Database Server version without any problems.
- Note that Unicode databases are not supported. Unicode columns in database tables are fully supported in SBCS and DBCS databases.
- LANSA may or may not support the latest generally available Microsoft Windows releases for Mobile device use subject to demonstrable LANSA business market demand.
- LANSA functionality aims to be consistent across IBM i and Windows platforms subject to inherent platform restrictions e.g. There is no Windows graphical user interface on IBM i nor IBM i-unique features on Windows.
- LANSA actively participates in Microsoft pre-release programs to assist with this policy.
- LANSA’s strategic user interface for its development environment is the Microsoft Windows platform.

Relative Priority

- Microsoft Windows 10 with Microsoft Windows Server 2016 is the most important LANSA production platform for client/server applications and equally important with IBM i.
- Microsoft Windows 10 is the most important LANSA development platform for both client/server applications and Web applications.
 - Web application development can be done either on IBM i or Microsoft Windows with Windows the LANSA strategic development platform.

Relationships among LANS A products

- Visual LANS A provides development support for applications that can then be deployed to Windows, IBM i, Web Application Server and Linux deployment platforms.
- Visual LANS A provides production support on Windows for LANS A applications developed either in LANS A for i or Visual LANS A.
- Visual LANS A is the Windows deployment environment for Visual LANS A, LANS A Commerce Edition, LANS A Composer, LANS A Open, and LANS A Client. In general, the same version/release levels for releases across products indicate functional synchronization.
- Visual LANS A web clients, LANS A Open, LANS A Client and Visual LANS A Windows clients support access to any Visual LANS A supported deployment servers.

Windows Platform

	Version	Vendor end Support Date	Sup. Status	Remarks
Visual LANSA				
Note:				
- Windows versions apply to Enterprise and Standard editions unless otherwise noted.				
- Microsoft Support policy supports current and in some cases immediately preceding Service Packs only (but for maximum of additional 12 months).				
Windows Development (Visual LANSA IDE)				
	Windows 7	Ended	✘	
	Windows 8	Ended	✘	
	Windows 8.1 Pro 32 bit	Ended	✘	
	Windows 8.1 Pro 64 bit	Ended	✘	32-bit compatibility mode only
	Windows 10		★	32-bit compatibility mode only Refer to Windows lifecycle: https://support.microsoft.com/en-us/help/13853/windows-lifecycle-fact-sheet
	Windows Server 2012	Ended	✘	
	Windows Server 2012 R2	Ended	✘	
	Windows Server 2016	11 Jan 22	★	32-bit compatibility mode only
	Windows Server 2019	TBA	✓	32-bit compatibility mode only
Windows Production Clients				
	Windows 7	Ended	?	
	Windows 8	Ended	✘	
	Windows 8.1 Pro 32 bit	Ended	?	
	Windows 8.1 Pro 64 bit	Ended	?	
	Windows 10		★	32-bit compatibility mode only Refer to Windows lifecycle: https://support.microsoft.com/en-us/help/13853/windows-lifecycle-fact-sheet
Windows Production Servers				
	Windows Server 2012	Ended	✘	
	Windows Server 2012 R2	Ended	✘	
	Windows Server 2016	11 Jan 22	★	
	Windows Server 2019	TBA	✓	
	Citrix XenApp		✘	
Hardware Virtualization - refer to the <i>Virtualization Support Policy for LANSA Products</i> document in Details of supported third-party software and hardware combinations				

Databases

Note:

- In 32 bit compatibility mode, 64-bit Database Servers (with 32-bit Database drivers) are supported at the same status as the 32-bit Database Servers listed where the vendor supports replacing the 32-bit Database Server version directly for the 64-bit Database Server version without any problems.
- Unicode databases are not supported. Unicode columns in database tables are fully supported in SBCS and DBCS databases.

Any DB via ODBC				?	Non-LANSA defined only
Sybase SQL Anywhere	12.0.1	Ended		✗	
Sybase SQL Anywhere	16.0	Ended		✗	
Sybase SQL Anywhere	17.0	TBA		✓	
MS SQL Server 2014 Core Editions			TBA		
MS SQL Server 2014 Core Editions	SP1	Ended		✗	
MS SQL Server 2014 Core Editions	SP3	Ended		✓	Support Status for development only.
MS SQL Server 2014 Express			TBA		
MS SQL Server 2014 Express	SP1	Ended		✗	
MS SQL Server 2014 Express	SP3	Ended		✗	Support Status for development only. Not recommended for server applications and is subject to Microsoft imposed limitations.
MS SQL Server 2016 Core Editions			TBA		
MS SQL Server 2016 Core Editions	SP2		13 Jul 21	✓	
MS SQL Server 2016 Express			TBA		
MS SQL Server 2016 Express	SP2		13 Jul 21	✓	Not recommended for server applications and is subject to Microsoft imposed limitations.
MS SQL Server 2017 Core Editions			11 Oct 22	★	Requires 64 bit operating system
MS SQL Server 2017 Express			11 Oct 22	★	Requires 64 bit operating system Bundled with Visual LANSA V14 SP2 but must be upgraded as per Microsoft mainstream support. Not recommended for server applications and is subject to Microsoft imposed limitations
MS SQL Server 2019 Core Editions			TBA	★	Requires 64 bit operating system
MS SQL Server 2019 Express			TBA	★	Requires 64 bit operating system Bundled with Visual LANSA V15 but must be upgraded as per Microsoft mainstream support. Not recommended for server applications and is subject to Microsoft imposed limitations
Oracle (32 bit and 64 bit clients)	V12.1	Ended		✗	
Oracle (32 bit and 64 bit clients)	V12.2		31 Mar 23	✓	Oracle 12.2 family consists of 12c, 18c and 19c. Contact LANSA for full support details.
MySQL	5.6			✓	Not supported for development with DBCS languages.
MySQL	5.7			✓	Not supported for development with DBCS languages.
MySQL	8.0			?	Not supported for development with DBCS languages.

Compilers

Note: Required only for Dev./Compile/Build system and NOT required on Production/Deployment systems

MS Visual Studio 2012		Ended		✗	
MS Visual Studio 2013		Ended		✗	
MS Visual Studio 2015			13 Oct 20	✓	
MS Visual Studio 2017			12 Apr 22	✓	

MS Integration

MS Visio 2013	Ended		
MS Visio 2016	13 Oct 20		32 bit version only
MS Visio 2019	10 Oct 23		32 bit version only
MS Visio for Office 365			32 bit version only

LANSA Open

OS Clients

Windows platforms as supported for Visual LANSA

Third Party Software

32 bit versions only




LANSA Open for .NET

OS Clients

Windows platforms as supported for Visual LANSA

Third Party Software

32 bit versions only

MS .NET Framework 3.5	Ended		
MS .NET Framework 3.5	SP1		End date as for Windows platform
MS.NET Framework 4.5.2 and later			End date as for Windows platform. Refer to https://support.microsoft.com/en-sg/help/17455/lifecycle-faq-net-framework

LANSA Client

OS Clients

Windows platforms as supported for Visual LANSA

Platform: Web Application Client and Server

The platform category “Web Application Client and Server” is for e-business. It integrates back-end Server-side traditional application/data platforms with e-business technologies such as Web Browsers. This category includes technology support for Browsers and Mobile Integrated Browsers. For supported data/application Server platforms see separate specific platform sections.

Policy

- LANSA will make best efforts to support the latest generally available IBM HTTP Server (powered by Apache) across all supported IBM i platforms.
- LANSA will make best efforts to support the Microsoft IIS releases bundled with current Microsoft Server Operating Systems.
- LANSA will leverage Apache’s portability to support Linux platform configurations.
- Web application development can be done either on Microsoft Windows or IBM i with Windows the LANSA strategic development platform.
- LANSA makes best effort to support Red Hat Linux as an operating system for Web Serving at the minimum vendor release supported widely in the marketplace, leveraging vendor support of upward compatibility to support later releases. This yields the widest possible support. In practice this means the minimum release may be “Confirmed” status but later releases are implicitly “Maintained” status relying on vendor upward compatibility.

Relative Priority

- Web Application Server category is the most important LANSA production platform for e-business technologies.
- For IBM markets, IBM HTTP Server (powered by Apache) is LANSA’s most important supported Web Application Server.
- For Windows markets, Microsoft IIS is LANSA’s most important supported Web Application Server.
- For Linux markets, LANSA uses the Apache HTTP Server as the Web Application Server environment.
- For IBM markets and customers selecting IBM HTTP Server, mixed Windows/ IBM i configurations are more important than Windows configurations for Web Application Serving which in turn are more important than IBM i-only configurations.
- For IBM i only LANSA will continue to support CGI.

Relationships among LANS A products

- Visual LANS A provides development of and production support for LANS A web applications.
- Visual LANS A supports Web serving from Windows, IBM i and Linux hosted Web Servers.
- Visual LANS A supports access to Visual LANS A application/data servers as deployment platforms on IBM i, Windows and Linux servers for LANS A web applications.
- LANS A Integrator and LANS A Composer are the deployment platforms for data integration using EDI and other pre-XML standards, 2-way XML, Java integration and Web Services.

Web Application Client and Server Platform

	Version	Vendor End Support Date	Sup. Status	Remarks
Visual LANSA Web				
Browsers				
Note:				
-	Browser vendor-end-support-date may vary by Operating System, consult vendor for specifics.			
-	WAM development requires MS IE11.			
-	Refer to the VLF documentation for specific VLF browser support.			
MS IE 11 on Windows				End date as for Windows platform
MS Edge				End date as for Windows platform
Chrome				
Safari				OSX and iOS only
Firefox				
Any Compact HTML-compatible device (for i-Mode)				As defined for NTT DoCoMo's iMode service
Any other XHTML 1.0 compatible Browser				
Mobile integrated browsers				
iPhone				
Android				Latest Chrome browser recommended on Android devices. Android 4.0+ for tablets.
Windows Phone 8.1		Ended		
Windows 10 Mobile		Ended		
Web Communications Gateway Interface				
CGI (IBM i platform only)				
IBM HTTP Server (powered by Apache)				As for IBM i platform
IIS Plug-in (ISAPI) (Windows platform only)				
IIS				As for Windows platform for Win servers – 32 bit and 64 bit
Apache Plug-in (Linux only)				
Apache 2.4 (Linux on Intel)				As for Linux platform for Linux servers
HTTP Servers				
IBM HTTP Server (powered by Apache)				As for IBM i platform
Apache (Linux)		V2.4		As for Linux platform for Linux servers
Apache (Windows)				
IIS				As for Windows platform for Win servers – 32 bit and 64 bit
XSLT Processor				
Windows				
MSXML		6.0		
IBM i and Linux				
libxslt				

Operating System - Web Server Tier – refer to HTTP Servers

Operating System - Application/Data Server Tier

IBM i

Windows

Linux

As for IBM i platform

As for Windows platform for Windows Servers

As for Linux platform

LANSA Integrator

JVM

JVM -Windows (Oracle)	V1.7	Ended	✘	
JVM -Windows (Oracle)	V1.8	Mar 22	✔	Java SDK required for compiling SOAP. XML
JVM -Windows (Oracle)	V1.9	Ended	✘	
JVM -Windows (Oracle)	V10	Ended	✘	
JVM -Windows (Oracle)	V11	Sept 23	✔	
JVM -IBM i			✔	Latest 64 bit JVM available for the IBM i version..
JVM -Linux (Oracle)	V1.7	Ended	✘	
JVM -Linux (Oracle)	V1.8	Mar 22	✔	
JVM -Linux (Oracle)	V1.9	Ended	✘	
JVM -Linux (Oracle)	V10	Ended	✘	
JVM -Linux (Oracle)	V11	Sept 23	?	
OpenJDK	V8		✔	Jdk8u192-b12

Operating Systems

IBM i

Windows Servers

Windows Clients

Linux

As for IBM i platform.

As for Windows platform for Windows Servers.
Note: WAMs published as Web Services are only supported in 32 bit compatibility mode.

As for Windows platform for Windows Clients

As for Linux platform

Platform: Linux Servers

This section describes supported Linux platforms when used as traditional application/data Server platforms. For currently supported e-business multi-tier Web Application Server platforms (including Linux Web Servers) see separate Web Application Server section.

Note that LANSA supports Linux as a 64-bit Server operating platform only. User interface clients are Microsoft Windows, Browsers or Mobile clients, not Linux Servers.

Linux application/data Servers may be a single tier that includes both LANSA application and database and Object Access Modules or Linux application data Servers may be two tier systems with one containing the LANSA application and the other containing the database and Object Access modules (and optionally more application).

Linux Server Platform

	Version	Vendor End Support Date	Sup. Status	Remarks
Operating Systems				
Red Hat Enterprise Linux Server (Intel)	V6.x	30 Nov 20		64-bit Web Server only
Red Hat Enterprise Linux Server (Intel)	V7.0			64 bit only
Red Hat Enterprise Linux Server (Intel)	V7.x	30 Jun 24		64 bit only
SuSe Linux Enterprise Server	10			64 bit only
SuSe Linux Enterprise Server	11			64 bit only
Other Linux	All			
Database Servers 64-bit driver only				
Oracle	V12.1	Ended		
Oracle	V12.2	31 Mar 23		Oracle 12.2 family consists of 12c, 18c and 19c. Contact LANSA for full support details.
MySQL	5.6			Not supported for development with DBCS languages.
MySQL	5.7			Not supported for development with DBCS languages.
MySQL	8.0			Not supported for development with DBCS languages.
Development Compiler – GCC				
As above for OS releases				

LANSA V15 Supported platforms

	IBM i	Windows	Linux			
Development (IDE) Client OS	i 7.1	✘	Windows 7	✘		
	i 7.2	☑	Windows 8	✘		
	i 7.3	☑	Windows 8.1	✘		
	i 7.4	☑	Windows 10	☑		
		Win Server 2012	✘			
		Win Server 2012 R2	✘			
		Win Server 2016	☑			
		Win Server 2019	✓			
Production Client OS		Windows 7	?			
		Windows 8	✘			
		Windows 8.1	?			
		Windows 10	☑			
Production Server OS	i 7.1	✘	Win Server 2012	✘	Red Hat Enterprise Linux 6.x	i
	i 7.2	☑	Win Server 2012 R2	✘	Red Hat Enterprise Linux 7.0	☑
	i 7.3	☑	Win Server 2016	☑	Red Hat Enterprise Linux 7.x	✓
	i 7.4	☑	Win Server 2019	✓	SuSe Enterprise Linux	?
Terminal Services		Citrix XenApp	✘			
Compiler	RPG, C/C++ i 7.1	✘	MS Visual Studio 2012	✘		
	RPG, C/C++ i 7.2	☑	MS Visual Studio 2013	✘		
	RPG, C/C++ i 7.3	☑	MS Visual Studio 2015	✓		
	RPG, C/C++ i 7.4	☑	MS Visual Studio 2017	✓		
MS .NET Framework		.NET Framework 3.5 SP1	✓			
		.NET Framework 4.5.2 and later	✓			
Microsoft Visio		Microsoft Visio 2013	✘			
		Microsoft Visio 2016	✓			
		Microsoft Visio 2019	?			
		Microsoft Visio for Office 365	✓			

Legend

- ☑ Confirmed
- ✓ Maintained
- ? Uncertified
- i Customized
- ✘ Unsupported

	IBM i	Windows	Linux		
Oracle		Oracle 12.1	✘	Oracle 12.1	✘
		Oracle 12.2	✓	Oracle 12.2	✓
		MySQL 5.6	✓	MySQL 5.6	✓
		MySQL 5.7	✓	MySQL 5.7	✓
		MySQL 8.0	?	MySQL 8.0	?
Sybase SQL Anywhere		SQL Anywhere 12.0.1	✘		
		SQL Anywhere 16.0	✘		
		SQL Anywhere 17.0	✓		
MS SQL Server		MS SQL Server 2014 SP1	✘		
		MS SQL Server 2014 SP3	✘		
		MS SQL Server 2014 Express SP1	✘		
		MS SQL Server 2014 Express SP3*	✘		
		MS SQL Server 2016 SP2	✓		
		MS SQL Server 2016 Express SP2*	✓		
		MS SQL Server 2017	✚		
		MS SQL Server 2017 Express*	✚		
		MS SQL Server 2019	✚		
	MS SQL Server 2019 Express	✚			
Browser		MS IE 11	✚		
		MS Edge	✚		
		Chrome	✓		
		Safari	✓		
		Firefox	✓		
		Other	?		
Windows Mobile		iPhone	✓		
		Android	✓		
		Windows Phone 8.1	✘		
		Windows 10 Mobile	✘		
JVM	Latest 64 bit JVM	✚			
		JVM 1.7 (Oracle)	✘	JVM 1.7 (Oracle)	✘
		JVM 1.8 (Oracle)	✚	JVM 1.8 (Oracle)	✚
		JVM 1.9 (Oracle)	✘	JVM 1.9 (Oracle)	✘
		JVM 10 (Oracle)	✘	JVM 10 (Oracle)	✘
		JVM 11 (Oracle)	?	JVM 11 (Oracle)	?
		OpenJDK 8	✚	OpenJDK 8	✚

Legend

- ✚ Confirmed
- ✓ Maintained
- ? Uncertified
- ✚ Customized
- ✘ Unsupported

* Not recommended for server applications and subject to Microsoft imposed limitations