

FRONTIER SOFTWARE

Supported Hardware and Software

Author

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Supported Operating Environment				
Desktop PCs		For desktop apps:		
Windows OS 7, 8.1,1	0 and 11	Ichris	International Comprehensive Human Resources Integrated Software — client	
	Concurrent y utilisation z	chris ²¹	Comprehensive Human Resources Integrated Software — client	
Mobile Devices		For mobile apps:		
iOS 12.5 ar	nd later	MHR ²¹	Mobile Human Resources	
Android 9.0 and	later	WHS ²¹	Workplace H&S	
Browsers		For browser apps:		
Chrome	Stable version mended) stable version	Ichris HR ²¹	International Comprehensive Human Resources Integrated Software — Browser Self Service	
Safari (OS-X) Latest stable version Edge Latest stable version		ER ²¹ MER ²¹ XPR ²¹ IWF ²¹ PSP ²¹ ORC ²¹ ONB ²¹ LD ²¹ WHS ²¹ HCI ²¹	Performance Management (e-Performance) Recruitment Management (e-Recruit) Mobile Recruitment Express Reporter Intelligent Workflow Payslip Portal Organisation Charting Onboarding Learning & Development Workplace Health & Safety Human Capital Intelligence Remuneration / Salary Reviews	
Windows Server 2022, 2019 Red Hat Enterprise Linux Red Hat E IBM AIX 7.1 (IE Oracle Solaris Oracle Sol Memory 5 MB per or 2.0 GHz m recomment		9, 2016 with Enterprise 7 BM POWER blaris 11 (SP concurrent u ninimum. Int nded.	(x64) systems)	
Note: The Application and Web Servers			n the same Windows server.	
Windows Server Windows Server download. IIS 7.5 and				
Note: The App Configuration database can run on the same server or on a Database server Note: ichris, HR ²¹ and MHR ²¹ require an x64 operating system				
RDBMS	2019 Evo	ress 2010 (2017, 2016, 2014	
Oracle 19c, 21c		Express Rep	porter — requires 2014 or later	
Note: RDBMS can run on the Application Server or a Database Server				
The Application Server, Web Server and the RDBMS can run on the same server.				
All Operating systems and software must be running a service pack in the vendor's supported life cycle.				



Browsers

To ensure the best possible user experience we recommend using the browser version supported by Frontier Software. These versions are tested during the Frontier Software Quality Assurance cycle and we ensure that our entire product line offers the same experience across all supported browsers.

- For Desktop, we support the current and previous major releases of the following browsers:
 - Microsoft Edge
 - Firefox
 - Safari (OS X)
 - Chrome.
- For mobile, we support the current and previous major releases of the following browsers:
 - Safari
 - Chrome

Each time a new browser version is released, we begin supporting that version along with the last two supported versions. The exception to this is Internet Explorer, where we only support Internet Explorer 11.

Important: We encourage you to use the latest browser versions to ensure the best user experiences and prevent potential security issues.

Microsoft Office

Desktop versions of 32-bit Microsoft Office up to Office 2016 are supported.

For email purposes, Office 365 is supported.

The desktop installed components of Office 365 for Word and Excel are supported.

Application server and database combinations

Application server and database combinations		
Application server	Supported databases	
Windows Server 2022, 2019, 2016	Oracle 21c, 19c MS SQL Server 2019 Express, 2019, 2017, 2016, 2014	
Oracle Solaris 11 (SPARC)	Oracle 21c, 19c	
AIX 7.1 (IBM POWER systems)	Oracle 21c, 19c	
Red Hat Enterprise 7 (x64)	Not supported	



Enhanced runtime requirements

The Windows engine and BRE runtime update installation packages will install the following prerequisite software:

Windows runtime version	Prerequisite software	Versions Installed
9.0.x +	Microsoft Visual C++ 2015-2019 Runtime (x86)	14.23.27820.0
	Microsoft Visual C++ 2015-2019 Runtime (x64)	14.23.27820.0
8.5.x +	Microsoft Visual C++ 2015-2019 Runtime (x86)	14.23.27820.0
	Microsoft Visual C++ 2015-2019 Runtime (x64)	14.23.27820.0
	Microsoft Visual C++ 2013 Runtime Libraries (x86)	12.0.21005.1
	Microsoft Visual C++ 2013 Runtime Libraries (x64)	12.0.30501.0
	Microsoft .NET Framework version 4.7.2 (x86 / x64)	
7.5.xxx -8.4.x	Microsoft Visual C++ 2013 Runtime Libraries (x86)	12.0.21005.1
	Microsoft Visual C++ 2013 Runtime Libraries (x64)	12.0.30501.0
	Microsoft .NET Framework version 4.5 (x86 / x64)	4.5.50709.17929

Support for 64 bit servers

32-bit application server executables are compatible with 64-bit operating systems and 64-bit databases.

LDAP

LDAP and Application Server Combinations			
Type of Directory Service	BRE on Windows	BRE on UNIX	
Microsoft Active Directory	Yes	Yes	
Novell eDirectory ⁽¹⁾	Yes	Yes	
NT4 Domain Security	Yes	No	
OpenLDAP	Yes	Yes	
Other LDAP	Limited support ⁽²⁾	Limited support ⁽²⁾	
⁽¹⁾ Formerly NDS - Included with No	etWare 4 and above		

⁽²⁾ No known limitations with authenticating against other LDAP systems.



Single Sign-On (SSO)

Single sign-on (SSO) allows users to access multiple applications and websites by logging in once. The applications and websites the users access rely on an identity provider to verify that users have access permission. SSO reduces password fatigue and enhances usability. It also improves security by decreasing the points of access.

To use single sign-on with Frontier Software systems you must set up an identity provider using either Active Directory Federation Services (AD FS) or Security Assertion Markup Language (SAML2). AD FS runs on Windows Servers. SAML2 runs on Unix or Windows servers.

Internet Option for chris²¹ client

The Internet Option enables the chris²¹ client to be used over the Internet. It uses the Hypertext Transfer Protocol (HTTP) with Transport Layer Security (TLS) for secure data communication. This provides the user with the interface functions of chris²¹, while using the same secure communication as used between web browsers and web servers. Refer to Internet Option white paper.

Web Services option

The Web Services option enables the CHRIS Business Rules Engine to function as a service provider in a service-oriented architecture (SOA) with UDDI, WSDL and SOAP. The Web Services option enables the latest Web Services enabled tools and applications to be used for integration projects.

Acknowledgement

	(authorised officer) (position), on behalf of	
	(name of employer)	
acknowledge and agree:		
a) to have read and understood the IT system requirement set out above; and		
b) confirm requirements (insert employer name) meets the minimum requirements set out by Frontier Software to operate the licensed solution.		
	Signature	
	Date	

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