

Warranted Environment Specification (WES) Update

Version 2.1.2018

The Warranted Environment Specification defines the versions of software required to be installed on client machines in order that they are supported by NHS Digital to access NHS Spine systems and applications requiring a Smartcard.

Use of client software versions which are not listed in the WES are not supported by NHS Digital for connectivity to NHS Spine systems.

If NHS Organisations or System Suppliers are using unsupported client software versions, connecting to NHS Spine systems will not be fully supported until migration to a supported version.

The WES defines the technical environments in terms of:

- Operating systems
- Browsers
- Java virtual machines (JVMs)
- Smartcard printer drivers

NHS Digital strongly recommends that users and System Suppliers consult the WES and assure themselves that all software versions currently in use are fully supported.

Where environments being used do not comply with the WES, NHS Digital strongly recommends updating these environments to ensure continuity of service and support.

In addition to the information published by NHS Digital, organisations should also consult vendor support road maps to determine when underlying products, such as the operating system or browser, reach end of life. This should influence planning for the future to help ensure that deployed solutions have a long and supported lifespan.

NHS Digital Warranted Environment Specification 2018: Smartcard Enabled Systems

The table below details the supported environment for each system listed.

NHS Digital Smartcard Enabled System	Win 10	Win 8.1	Win 7 SP1	Windows Server 2012 R2	Windows Server 2008 R2 SP1	Citrix XenApp / Presentation	Edge	IE 11	Chrome	Firefox	Safari	JRE	Contactless Card	Contact Card
CIS - Identity Agent (IA) v2	64-bit	Yes	Yes	Yes	Yes	No	No**	Yes	Yes*	No**	No	7,8***	5,6,8	4,5,6,8
CIS - Identity Agent (IA) v1	No	No	Yes	No	No	No	No**	Yes	Yes*	No**	No	7***	5,6,8	4,5,6,8
CIS - Datacard SP35/+ Driver v11+	Yes	Yes	Yes	No	No	No	No	Yes	No	No	No	N/A	N/A	N/A
CIS - Magicard / Enduro+Driver v2.0.14 +	Yes	Yes	Yes	No	No	No	No	Yes	No	No	No	N/A	N/A	N/A
SUS	Yes	Yes	Yes	No	No	No	No	Yes	Yes	No	No	No	5,6	4,5,6
e-RS - Professional	Any OS on which all required components are supported****						No	32-bit	Yes	Yes	Yes	N/A	5,6,8	4,5,6,8
e-RS - Patient	Any OS on which all required components are supported****						No	32-bit	Yes	Yes	Yes	N/A	5,6	4,5,6
Spine EPS Tracker	Yes	Yes	Yes	Yes	No	No	Yes	32-bit	Yes	Yes	No	8	5,6,8	4,5,6,8
Spine Reporting Service	Yes	Yes	Yes	Yes	No	No	Yes	32-bit	Yes	Yes	No	8	5,6	4,5,6
Spine Demographic Application	Yes	Yes	Yes	Yes	No	No	Yes	32-bit	Yes	Yes	No	8	5,6,8	4,5,6,8
Spine TES Alert Viewer	Yes	Yes	Yes	Yes	No	No	Yes	32-bit	Yes	Yes	No	8	5,6	4,5,6
Spine SCR	Yes	Yes	Yes	Yes	No	No	Yes	32-bit	Yes	Yes	No	8	5,6,8	4,5,6,8
Spine MOLES (Message Tracker)	Yes	Yes	Yes	Yes	No	No	Yes	32-bit	Yes	Yes	No	8	5,6	4,5,6

NOTE:

* Chrome versions v45 and later do not support NPAPI plug-ins, including Java. Therefore in order to use this browser for the Spine Portal and some of its hosted applications (including CIS and EPR), the NHS Digital Chrome Extension is required. CMS operations on CIS are not currently supported with this browser. NHS Digital is currently developing an alternative to NPAPI.

** Microsoft Edge and Firefox versions v52 and later do not support NPAPI plug-ins, including Java. Therefore it is not currently possible to use the Spine Portal and some of its hosted applications (including CIS and EPR) with these browsers. NHS Digital is currently developing an alternative to NPAPI.

*** IA v1 and IA v2 are warranted against any version of JRE v7, and IA v2 on any version of JRE v8 up to and including v8.111. JRE versions v9 and v18.3 are short-term releases and are not expected to receive wide-scale deployment – they will therefore not receive formal assurance. Instead trusts should plan to take in JRE v18.9 (expected to be supported for 5 years). This version is due for release in September 2018 and will be assured shortly thereafter by NHS Digital.

**** NHS Digital support eRS Patients on any browser, operating system or handheld device.

Vendor Product Road Map

The table below shows the vendor support road map as of January 2018.

This may change and you should always check with the individual vendors for the latest information.

	2015		2016					2017					2018															
	Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Identity Agent																												
NHS Digital IA v3																								Estimated Release Date *				
NHS Digital IA v2.1.2.16	Testing					Sunset																						
NHS Digital IA v1.0	Fully Supported										Sunset					End of Life												
BT IA v13	Sunset							End of Life																				
Operating Systems																												
Windows 10 64-bit	Fully Supported																											
Windows 8.1 32-bit 64-bit	Fully Supported																											
Windows 7 SP1 32-bit 64-bit	Fully Supported																											
Windows Server 2012 R2	Fully Supported																											
Windows Server 2008 R2 SP1	Fully Supported		Sunset																									
Browsers																												
IE8/IE9/IE10	End of Life		Fully Supported																									
IE11	Fully Supported																											
Edge	Fully Supported																											
Chrome	Fully Supported																											
Mozilla Firefox	Fully Supported																											
Java																												
JRE6/JRE7	End of Life																											
JRE8	Fully Supported																	Sunset					EOL SEPT 18					
JRE9	Fully Supported																	Sunset					EOL SEPT 18					
JRE18.3	Fully Supported																	Sunset					EOL SEPT 18					
JRE18.9	Fully Supported																	Sunset					EOL SEPT 18					
Citrix																												
XenApp 5.0	Sunset										Fully Supported												EOES 14th Jan 2020					
XenApp 6.5	Fully Supported																	Sunset					EOES 14th Jan 2020					
XenApp 6.0	Sunset							End of Life																				
Key ■ Fully Supported by the Vendor / Supplier ■ Sunset - Product is in extended support and organisations need to commence migrations to supported version. ■ Product is end of life and organisations need to complete migration to a supported version ■ EOES End of Extended Support																												