



Point-of-Care

Clinical Decision Support

DXS PoC Release Notes Version 5.5.1 – General Release

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1. Product Description

The DXS Point-of-Care™ product is a content aggregator, which integrates with Electronic Patient Record (EPR) software, ensuring a prime position on the healthcare professional's desktop. This allows content providers to have a direct channel to the healthcare provider during the patient consultations. The DXS product enriches the content with its own relationship-linking process, part of which incorporates the appropriate country-specific diagnostic coding system.

The diagnosis is entered into the EPR and information in DXS Point-of-Care™ relating to that diagnosis is automatically populated for the healthcare provider. The healthcare provider is presented with the specific information related to the patient he or she is consulting, without having to search different databases, which expedites the review.

The DXS Point-of-Care™ product contains clinical data on diseases and procedures as well as patient information on drugs and diseases.

2. Releases

Status	Version	Release Date	Database Schema
Current Release	5.5.1.21	15 March 2022	Version 8 Revision 14
Previous Release	5.4.9.42	7 February 2022	Version 8 Revision 14

3. Notes on Deployment

The upgraded files will be released electronically and will be downloaded with the daily content update. After the update, the upgrade will be pending and the application will need to restart to deploy the new files.

4. System Requirements

4.1 Recommended Specification

DXS Point-of-Care	Recommended Requirements
Processor	Intel i3 or better
RAM	2GB RAM
Workstation – HDD – Free Space	200MB
Server – HDD – Free Space	4GB (Growth detailed in Operating Environment Guidance document, paragraph 2.5)
Resolution	1280 × 720
Display	32-bit Colour
Operating System	Windows 7, 8, 8.1, 10 supported
Internet Connectivity	Required (HTTP access to uk.dxs-systems.com. HTTP GET and POST Methods allowed)
Internet Speed	5MB (Download), 2MB (Upload) – Please see below for practices that have branch sites

4.2 Remote Database Server Specification

The below Internet speeds are our minimum requirements if a branch site connects remotely via a WAN to the same database as the main site.

DXS Point-of-Care	Recommended Requirements
Processor	Intel i3 or better
RAM	2GB RAM
Workstation – HDD – Free Space	200MB
Server – HDD – Free Space	4GB (Growth detailed in Operating Environment Guidance document, paragraph 2.5)
Resolution	1280 × 720
Display	16 -bit Colour
Operating System	Windows 7, 8, 8.1, 10 supported
Internet Connectivity	Required (HTTP access to uk.dxs-systems.com. HTTP GET and POST Methods allowed)
Internet Speed	10MB (Download), 10MB (Upload)

5. PoC 5.5.1 – General Release

Application	Version	Date	Status
DXS.exe	5.3.1.32	08.11.2021	Updated
DXSSch.exe	5.0.1.22	29.10.2016	–
DXScfg.exe	2.0.0.25	25.02.2005	–
DXSBar.exe	N/A	14.06.2005	–
Launch.exe	2.3.1.32	08.11.2021	Updated
APIProxy.exe	2.5.1.32	08.11.2021	Updated
RegLib.exe	N/A	08.11.2021	Updated
DXS Loader.exe	1.0.0.44	17.03.2021	–
Linker.exe	1.2.1.32	08.11.2021	Updated
HWUpSvc	1.1.0.38	10.02.2021	–

Components	Version	Date	Status
Hwise32x.dll	5.5.1.32	29.11.2021	Updated
Hwise32x.eng	5.5.1.32	29.11.2021	Updated
DXSBar32.dll	N/A		–
DCINPS.dxc	3.3.1.32	08.11.2021	Updated
DCEMISWb.dxc	2.3.1.32	08.11.2021	Updated
DCTPSO.dxc	2.3.1.32	08.11.2021	Updated
Stats.dxp	2.0.2.11	13.08.2013	–
PDPL.dxp	3.0.1.19	11.12.2018	–
Cardiac.dxp	1.0.2.16	10.12.2008	–
ssleay32.dll	1.0.2.15	11.12.2018	–
libeay32.dll	1.0.2.15	11.12.2018	–
FirebirdSql.Data.FirebirdClient.dll	4.6.1.0	06.01.2020	–
HWInput.eng	2.3.1.32	08.11.2021	Updated
LatticeLog.dll	1.4.1.1	06.01.2020	–
LatticeLogBI.dll	1.0.3.1	06.01.2020	–
LatticeLogDAL.dll	1.0.3.1	06.01.2020	–
Microsoft.ServiceBus.dll	3.0.51272.20	06.01.2020	–
Newtonsoft.Json.dll	10.0.1.20720	06.01.2020	–
Lwxspell.dll	1.3.1.0	27.02.2020	–
Editorial.dxp	1.0.2.67	29.07.2021	–

Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009

5.1 Introduction

Version 5.5.1 focuses on improving user experience in the 'Forms' section, with various improvements made to aid in filtering and the browsing of completed forms.

5.2 Enhancements

1. Information bar is displayed when a filter is applied in the Forms section Inbox folder.
2. Option added to switch between instantly applying form filters and pressing a button to apply the filter.
3. Form Filter options are now limited to valid data available to the user.
4. A dialog message has been added to inform users when no forms are available based on the filters.
5. With the impending change of provider from Patient UK to NHS Choices, users will be asked to amend their 'Favourites' once the former provider's articles are removed.
6. Completed folder has been broken down into weekly folders, including the last 7 days.
7. Non-paginated view has been added back, with the option to switch between it and Paginated view.
8. Additional error tracking has been added to the TPP integration to give more insight into errors received.
9. Directory of Services search results have been removed from the Home screen.

5.3 Fixes

1. TFS-4357 – Fix for form filters causing the product to be extremely slow or crash.
2. TFS-4385 – Fix for completed forms not being archived if they have been deleted.
3. TFS-4387 – Fix for the previous patient's details being retained after changing patients in TPP.
4. TFS-4389 – Fix for search results not opening in the Completed folder.
5. TFS-4634 – Fix for certain pathways not loading because of the CCG branding.
6. TFS-4646 – Fix for column names in the Deleted Forms folder.

5.4 Known Issues

1. PRB-92753 – Duplicate roles listed in the Admin Panel.
2. PRB-106289 – Unable to click on search results.

5.5 Document changes

Category	Document	Updated
Deployment	DXS Centrally Hosted SQL Server	
	DXS Operating Environment Guidance	
	DXS PoC Deployment Detail	
	DXS Practice Content Migration	
	Technical Survey Overview	
	TIO Questionnaire	
Knowledge Base	DXS PoC Migration – CSU Instructions	
	DXS Program Upgrades and Environment Overview	
Technical Overview	PoC Feedback Messaging Process	
System Requirements	Release Notes	X
	DXS Centrally Hosted SQL Server	
	DXS Operating Environment Guidance	
	DXS PoC Deployment Detail	
	Technical Survey Overview	
	TIO Questionnaire	

6. PoC 5.4.9 – Emergency Releases 1 - 4

Application	Version	Date	Status
DXS.exe	5.2.9.33	08.11.2021	–
DXSSch.exe	5.0.1.22	29.10.2016	–
DXScfg.exe	2.0.0.25	25.02.2005	–
DXSBar.exe	N/A	14.06.2005	–
Launch.exe	2.2.9.33	08.11.2021	–
APIProxy.exe	2.4.9.33	08.11.2021	–
RegLib.exe	N/A	08.11.2021	–
DXS Loader.exe	1.0.0.44	17.03.2021	–
Linker.exe	1.1.9.54	08.11.2021	–
HWUpSvc	1.1.0.38	10.02.2021	–

Components	Version	Date	Status
Hwise32x.dll	5.4.9.42	29.11.2021	Updated
Hwise32x.eng	5.4.9.42	29.11.2021	Updated
DXSBar32.dll	N/A		–
DCINPS.dxc	3.2.9.33	08.11.2021	–
DCEMISWb.dxc	2.2.9.33	08.11.2021	–
DCTPSO.dxc	2.2.9.33	08.11.2021	–
Stats.dxp	2.0.2.11	13.08.2013	–
PDPL.dxp	3.0.1.19	11.12.2018	–
Cardiac.dxp	1.0.2.16	10.12.2008	–
ssleay32.dll	1.0.2.15	11.12.2018	–
libeay32.dll	1.0.2.15	11.12.2018	–
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Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009

6.1 Introduction

This emergency release resolves an issue whereby the incorrect passback was saved to a patient record, as well as search fields not populating certain data due to a corrupted file.

6.2 Enhancements

1. TLS 1.2 is now the default choice for encryption when using the DXS Mail Client.
2. Additional logging has been added to TPP to aid in detecting patient data discrepancies.

6.3 Fixes

1. Fix for checklists and picklists not retaining their selection when a form is saved.
2. AIS search field data not retained when a form is completed.
3. Fix for the issue whereby the incorrect passback was saved back to a patient record.
4. Fix for search fields not populating due to corrupted crosswalk files.
5. Fix for the last two digits of the NHS number being cut off in our audit logs.

6.4 Document changes

Category	Document	Updated
Deployment	DXS Centrally Hosted SQL Server	
	DXS Operating Environment Guidance	
	DXS PoC Deployment Detail	
	DXS Practice Content Migration	
	Technical Survey Overview	
	TIO Questionnaire	
Knowledge Base	DXS PoC Migration – CSU Instructions	
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System Requirements	Release Notes	X
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DXScfg.exe	2.0.0.25	25.02.2005	–
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Hwise32x.eng	5.4.9.33	08.11.2021	Updated
DXSBar32.dll	N/A		–
DCINPS.dxc	3.2.9.33	08.11.2021	Updated (Vision)
DCEMISWb.dxc	2.2.9.33	08.11.2021	Updated (EMIS)
DCTPSO.dxc	2.2.9.33	08.11.2021	Updated (TPP)
Stats.dxp	2.0.2.11	13.08.2013	–
PDPL.dxp	3.0.1.19	11.12.2018	–
Cardiac.dxp	1.0.2.16	10.12.2008	–
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Help Files	Date
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7.1 Introduction

Version 5.4.9 provides a significant performance boost around saving forms to the patient record and introduces placeholder fields, allowing dynamic switching between the type of field that appears on a form based on data in the patient record. Our error detection and logging have also expanded further into the product, now covering all bases.

7.2 Enhancements

1. Saving forms to the patient record is now completely done in the background, resulting in minimal delay for the user.
2. Placeholder fields have been introduced.
3. Error detection and logging have been extended to include errors around saving to the patient record, exception errors, and additional EMIS start-up errors.
4. Ability added for DXS Point-of-Care to force users to use SNOMED at a flexible date (still to be decided).
5. Allow users to disable the default passback for emailing forms.

7.3 Fixes

1. TFS-4454 – Fix for the Email button not opening any mail client.
2. TFS-4503 – Fix for Input Hint text not showing for picklists.
3. TFS-4515 – Fix for passback codes being saved with draft forms.
4. TFS-4523 – Fix for the connection to TPP SystemOne timing out resulting in PoC not responding.

7.4 Document changes

Category	Document	Updated
Deployment	DXS Centrally Hosted SQL Server	
	DXS Operating Environment Guidance	
	DXS PoC Deployment Detail	
	DXS Practice Content Migration	
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	DXS PoC Deployment Detail	
	Technical Survey Overview	
	TIO Questionnaire	