



# Point-of-Care

Clinical Decision Support

## DXS PoC Release Notes Version 5.3.3 – General Release

Date: 23 June 2020

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## 1. Executive Summary

Version 5.3.3 contains improvements to audit logging on referral forms, the addition of a clinical code and comment/note being recorded to the patient record when assigning referral forms, as well as some button removals to tidy up the toolbar.

Below you will find a more comprehensive breakdown of the new functionality and fixes introduced by this version.

- When a user assigns a referral form to a staff member or staff group, the comment/note added as well as a clinical code will be recorded to the patient record. This functionality is available to the user, but it is not compulsory.

This will assign this Form to your Practice Workflow for further processing

**Assign Form to your Practice Workflow for further processing**

Staff Member: DXS, QA (Dr)

Staff Group: (No Group)

Priority: 2WW (2 Week Wait)

Action Date: 24 Jun 2020

Note: Nurse, please complete the referral for the patient when you have a chance, before sending it out.

**i** This Form will appear in the Assignee's Inbox

Ok Cancel

The code that will be recorded to the patient record will be:

- READ2 – 8W... *Referral Statuses* (EMIS)
- READ3 – XaBhQ *Referral Statuses* (SystemOne)

Date	Consultation Text
24-Jun-2020	G.P.Surgery DXS, CQA (Dr)
Additional	CaPS Team Referral Form Assigned To: DXS, QA (Dr), Priority: 2WW (2 Week Wait), Action By: 24 June 2020, Nurse, please complete the referral for the patient when you have a chance, before sending it out.

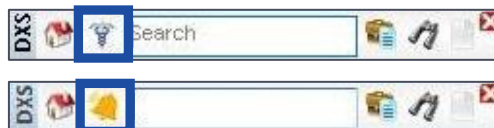
- Actions taken on forms are audited and can be viewed by clicking on the 'Log' tab in the 'Forms' section. This will present you with a table containing all actions completed.

Action	Timestamp	Person	Assigned To	Priority	Action By	Note/Reason
1 Created	02-Jun-2020 at 10:14	DOBE, Anneline (Prof)				
2 Edited	02-Jun-2020 at 10:14	DOBE, Anneline (Prof)				
3 Printed	02-Jun-2020 at 10:15	DOBE, Anneline (Prof)				
4 Edited	02-Jun-2020 at 10:18	DOBE, Anneline (Prof)				
5 Saved to Disk	02-Jun-2020 at 10:21	DOBE, Anneline (Prof)				
6 Edited	02-Jun-2020 at 10:21	DOBE, Anneline (Prof)				
7 Emailed	02-Jun-2020 at 10:23	DOBE, Anneline (Prof)				
8 Assigned	02-Jun-2020 at 10:23	DOBE, Anneline (Prof)	SECONDUSER, Anneline (Dr)	Urgent		testign notes for assigning to another user
9 Edited	02-Jun-2020 at 10:31	SECONDUSER, Anneline (Dr)				
10 Cleared	02-Jun-2020 at 10:31	SECONDUSER, Anneline (Dr)				
11 Populated	02-Jun-2020 at 10:31	SECONDUSER, Anneline (Dr)				
12 Edited	02-Jun-2020 at 10:31	SECONDUSER, Anneline (Dr)				
13 Saved to Patient Record	02-Jun-2020 at 10:32	SECONDUSER, Anneline (Dr)				
14 Assigned	02-Jun-2020 at 10:32	SECONDUSER, Anneline (Dr)	DOBE, Anneline (Prof)	Urgent		Assigning back as completed required changes
15 Completed	02-Jun-2020 at 10:39	DOBE, Anneline (Prof)				
16 Saved to Patient Record	02-Jun-2020 at 10:39	DOBE, Anneline (Prof)				
17 Copied to New Draft (as V2)	02-Jun-2020 at 10:43	DOBE, Anneline (Prof)				

Action	Timestamp	Person	Assigned To	Priority	Action By	Note/Reason
1 Copied as New Version (from V1)	02-Jun-2020 at 10:43	DOBE, Anneline (Prof)				
2 Assigned	02-Jun-2020 at 10:44	DOBE, Anneline (Prof)	SECONDUSER, Anneline (Dr)	Urgent	02-Jun-2020	assigning V2
3 Edited	02-Jun-2020 at 10:49	SECONDUSER, Anneline (Dr)				
4 Completed	02-Jun-2020 at 10:53	SECONDUSER, Anneline (Dr)				
5 Saved to Patient Record	02-Jun-2020 at 10:53	SECONDUSER, Anneline (Dr)				

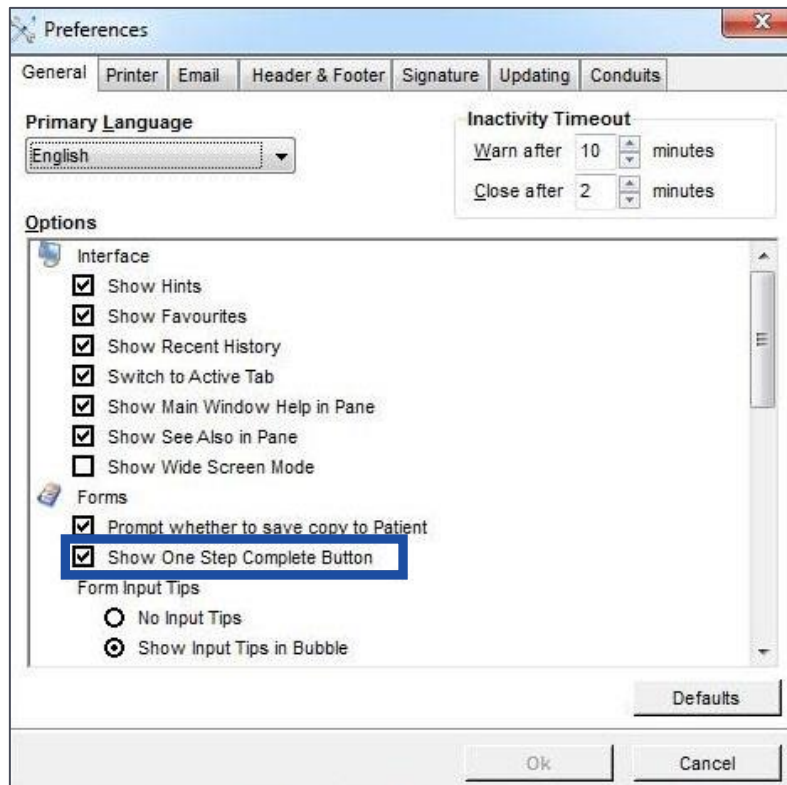
- When a form is assigned to a user, the 'Professional' icon on the toolbar will no longer be visible. Instead, a bell icon will appear to indicate that a new form has been assigned to you. This has been changed to align with other notification mechanisms.



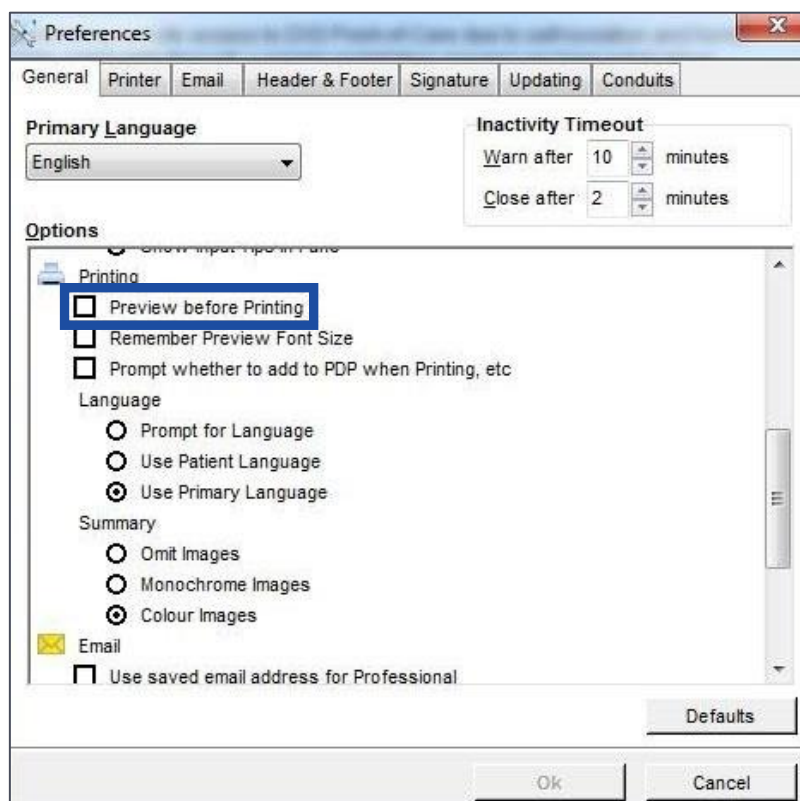
- Some buttons have been removed to tidy up the toolbar and improve overall usability of the product. The below screenshots will indicate which buttons have been removed amongst other changes.
  - The 'Tools' button has been removed.



- The 'Complete' button has been removed. The button can be added again by ticking the box shown below in the 'Preferences' window.



- 'Print Preview' has been turned off by default; however, it can be turned back on by ticking the box shown below in the 'Preferences' window. This change has been made to reduce the time it takes and the number of clicks to print a referral form.



## 2. 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.

## 3. Releases

Status	Version	Release Date	Database Schema
Current Release	5.3.3	29 June 2020	Version 8 Revision 14
Previous Release	5.3.2.69	24 April 2020	Version 8 Revision 14

## 4. Notes on Deployment

The upgraded files will be released electronically and will be downloaded with the daily content update. Version 5.1.5 onwards has the functionality to automatically update when the clinical system is closed and reopened after receiving the files.

## 5. System Requirements

### 5.1 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

### 5.2 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)

## 6. PoC 5.3.3 – General Release

Application	Version	Date	Status
DXS.exe	5.1.3.	23.06.2020	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	2.1.1.93	23.04.2020	–
APIProxy.exe	2.3.2.	23.06.2020	Updated
RegLib.exe	N/A	23.06.2020	Updated
DXS Loader.exe	1.0.0.41	09.03.2016	–
Linker.exe	1.0.3.	23.06.2020	Updated
HWUpSvc	1.0.2.280	23.04.2020	–

Components	Version	Date	Status
Hwise32x.dll	5.3.3.	23.06.2020	Updated
Hwise32x.eng	5.3.3.	23.06.2020	Updated
DXSBar32.dll	N/A		–
DCINPS.dxc	3.1.3.	23.06.2020	Updated (Vision)
DCEMISWb.dxc	2.1.2.	23.06.2020	Updated (EMIS)
DCTPSO.dxc	2.1.3.	23.06.2020	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	–
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	2.1.3.	23.06.2020	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	–

Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009



## 6.1 Introduction

This version contains improvements to audit logging on referral forms, recording all actions done and details thereof. Other minor feature changes and bug fixes have also been made. DXS ExpertCare is supported by this version.

## 6.2 Enhancements

1. A Comment/Note and Clinical Code are now attached to the patient record for associated Form User Assignments.
2. The +1 symbol on the Toolbar for newly assigned Forms has been changed to a Bell icon.
3. Audit logging has been added to the Log tab of Forms to show all actions completed, when, and by whom.
4. Complete button has been removed to clean up the tab for ease of use and user experience.
5. Tools button has been removed to tidy up the Toolbar.
6. Print Preview has been turned off by default. This can be set back should users choose to.

## 6.3 Fixes

1. TFS-4019 – Fix for Groups being seen across multiple practices for the same user.
2. TFS-3916 – Fix for previous search text remaining in the Toolbar indefinitely.
3. TFS-3343 – Fix for Consultation Manager crashing in the Vision integration when adding Correspondence Letters.
4. TFS-3986 – Fix for ExpertCare components not being compatible with the latest version of PoC.

## 6.4 Known issues

1. PRB-18600 – PDP Appraisal Summary values slightly difficult to read when using the 'High Contrast' (non-default) Windows theme.
2. PRB-18711 – Content being cut off from the right side in print. Only a row of pixels is missing, and the text is completely legible. This only impacts SPCs and these are very unlikely to be printed.

## 6.5 Document changes

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

## 7. PoC 5.3.2 – Prior Release

Application	Version	Date	Status
DXS.exe	5.1.2.69	23.04.2020	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	2.1.1.93	23.04.2020	Updated
APIProxy.exe	2.3.2.69	23.04.2020	Updated
RegLib.exe	N/A	23.04.2020	Updated
DXS Loader.exe	1.0.0.41	09.03.2016	–
Linker.exe	1.0.2.387	23.04.2020	Updated
HWUpSvc	1.0.2.280	23.04.2020	Updated

Components	Version	Date	Status
Hwise32x.dll	5.3.2.69	23.04.2020	Updated
Hwise32x.eng	5.3.2.69	23.04.2020	Updated
DXSBar32.dll	N/A		–
DCINPS.dxc	3.1.2.69	23.04.2020	Updated (Vision)
DCEMISWb.dxc	2.1.2.69	23.04.2020	Updated (EMIS)
DCTPSSO.dxc	2.1.2.69	23.04.2020	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	–
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	2.1.2.69	23.04.2020	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	–

Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009

## 7.1 Introduction

Version 5.3.2 focuses on improving our Program Upgrade mechanism to help gain full coverage when upgrading our estate to the latest version.

## 7.2 Enhancements

1. The Program Upgrade mechanism will be able to upgrade its own Service.

## 7.3 Fixes

1. TFS-3616 – Fix for mandatory supporting files not being replaceable through Program Upgrades if they are missing.
2. TFS-3818 – Fix for UTC date and time validation issues when applying upgrades.
3. TFS-3859 – Fix for program upgrade supporting files being locked by users and preventing workstation upgrades.
4. TFS-3931 – Fix for MAPI incompatibilities causing Email not to function after Windows OS upgrades.
5. TFS-3947 – Fix for the blank error received from MS Outlook after an email is sent.
6. TFS-3983 – Fix for cached datasets not being deleted when the database connection string changes.
7. TFS-3988 – Fix for Advanced Search methods returning no results in the Education module.
8. TFS-3989 – Fix for Em Dashes and other symbols not being handled correctly when attaching to the patient record.
9. TFS-3992 – Fix for the User GMC Number not being populated from EMIS.
10. TFS-3994 – Fix for new users in TPP being assigned non-clinical roles by default.
11. TFS-3995 – Fix for duplicate pass-back codes being attached to the patient record in Vision when printing Patient Education leaflets.
12. TFS-3996 – Fix for Alphabetic Reference View Style not working in the Services module.
13. TFS-2304 – Fix for external email clients not being recognised on Windows Server OS.

## 7.4 Known issues

1. PRB-18600 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) Windows theme.
2. PRB-18711 – Content being cut off from the right side in print. Only a row of pixels is missing, and the text is completely legible. This only impacts SPCs and these are very unlikely to be printed.

## 7.5 Document changes

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