dXS Point-of-Care
Clinical Decision Support

DXS Release Notes
Version 5.3.1 – General Release

Date: 20 February 2020
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Content

1. Executive Summary

Version 5.3.1 introduces a new spell check feature to highlight spelling errors. The functionality has been implemented in referral form text fields as well as in the toolbar and search bar.

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

- When typing in a keyword or search term into the toolbar, a red zigzag line will appear under any words that are not recognised by the dictionary. The spell check feature has been developed based on the British English and Drug dictionaries, with support for a custom dictionary.

- Right-clicking on the misspelt word will display a drop-down menu with alternative spelling suggestions to choose from.
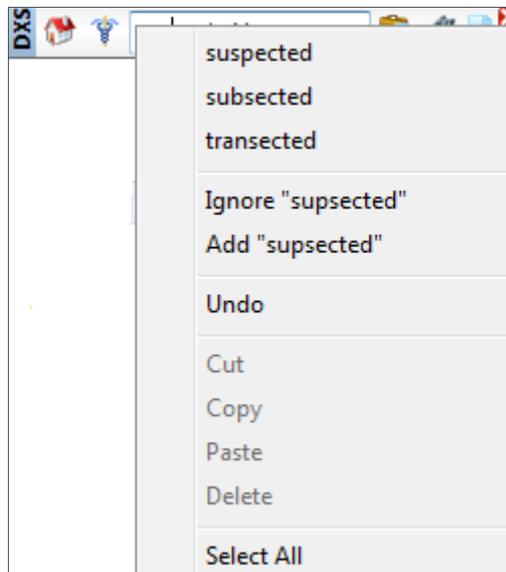

- The same functionality has been added to the text fields in referral forms.
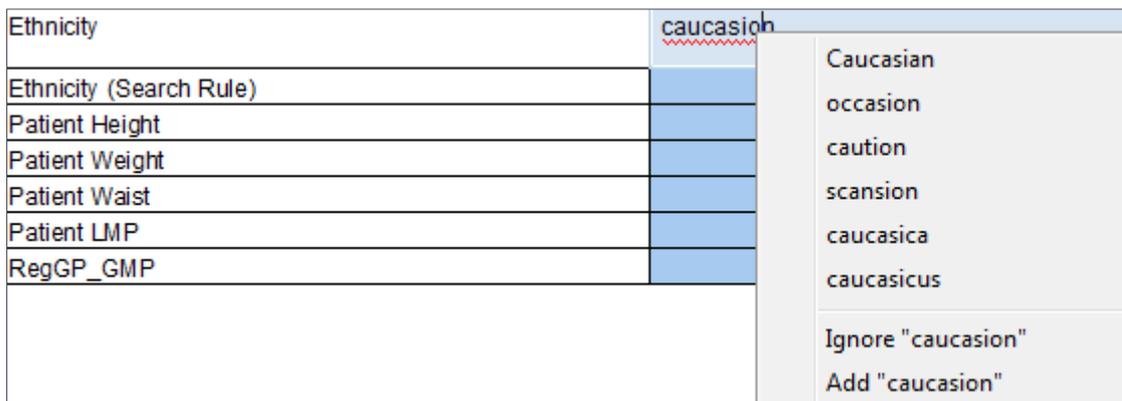
- You can add unusual words to your custom dictionary by selecting the "Add …" option. The custom dictionary is stored in the 'Roaming Profile' folder for each user.

- When searching for a single term, the spell checker will provide you with alternative spelling suggestions AFTER you have searched for the misspelt word.
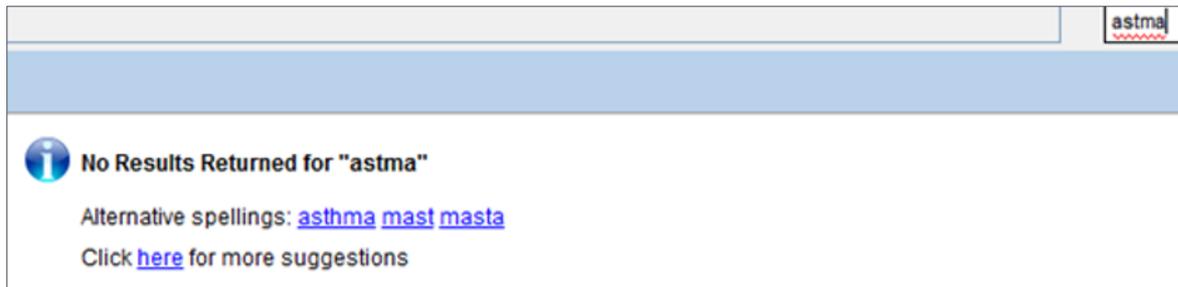
- Clicking on any of the blue underlined alternative words will display a list of search results based on the selected word.

- The details appearing on the email error notification have been improved, leading to quicker resolution of the issue by either yourself or our Support Desk.
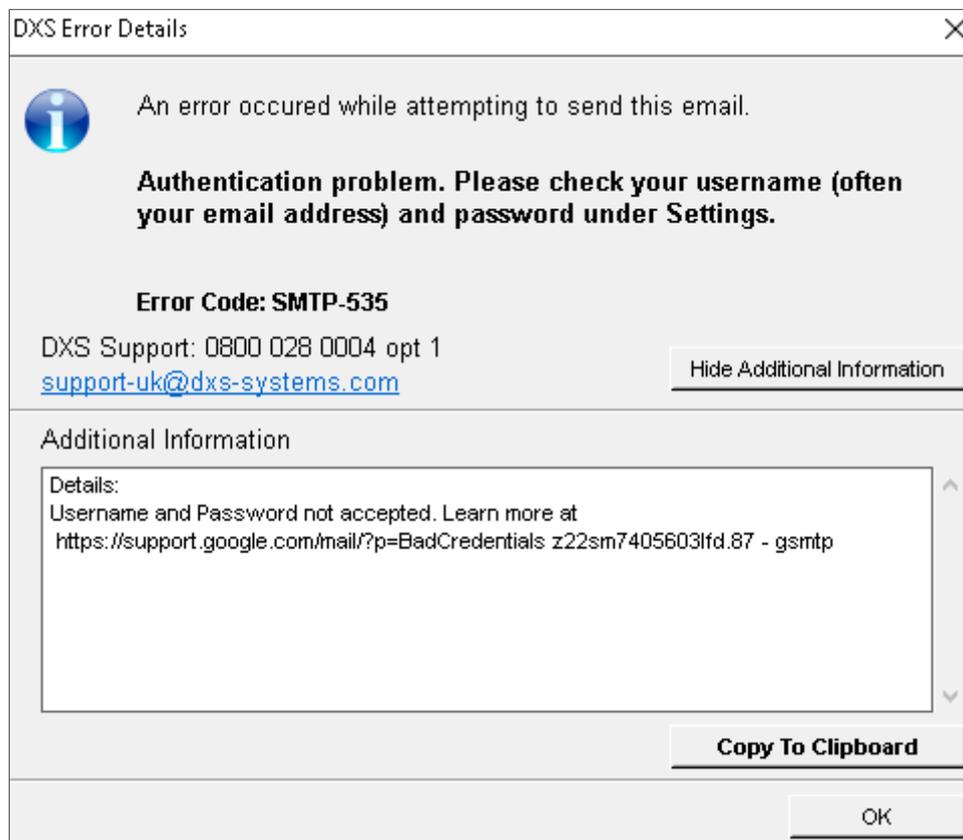
- A default pass-back code has been added for all email actions to audit the entry in the patient record. The default code is only used when a custom pass-back code has not already been set by your CCG.

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	5.3.1	28 February 2020	Version 8 Revision 14
Previous Releases	5.2.10.26	7 January 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 5.3.1 – General Release

Application	Version	Date	Status
DXS.exe	5.1.1	06.01.2020	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	20.02.2020	Updated
APIProxy.exe	2.3.1	20.02.2020	Updated
RegLib.exe	N/A	20.02.2020	Updated
DXS Loader.exe	1.0.0.41	09.03.2016	–
Linker.exe	1.0.2.256	06.01.2020	–

Components	Version	Date	Status
Hwise32x.dll	5.3.1	20.02.2020	Updated
Hwise32x.eng	5.3.1	20.02.2020	Updated
DXSBar32.dll	N/A		–
DCINPS.dxc	3.1.1	20.02.2020	Updated (Vision)
DCEMISWb.dxc	2.1.1	20.02.2020	Updated (EMIS)
DCTPPSO.dxc	2.1.1	20.02.2020	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	2.1.1	20.02.2020	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	–	20.02.2020	New

Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009

6.1   Introduction

This version introduces a new spell check feature to highlight spelling errors. The spell check feature has been developed based on the British English and Drug dictionaries, with support for a custom dictionary. The functionality has been implemented in referral form fields as well as in the search bar. This version also includes various fixes, such as a fix for incorrect details showing on referral forms when saving.

6.2   Enhancements

1. Spell Checker added to the fields in referral forms and to the search bar.
2. Email errors are now presented in a more user-friendly manner.
3. The Username field has been renamed in the Email setup for better understanding.
4. A default pass-back code has been added for all Email actions.

6.3   Fixes

1. TFS-3913 – Fix for search filters not working in the Services section.
2. TFS-3917 – Fix for the instructions bar disappearing when emailing forms.
3. TFS-3926 – Fix for duplicate Read codes being saved when saving Patient Education leaflets.
4. TFS-3966 – Fix for the default internet browser being used when clicking external links.
5. TFS-3958 – Fix for the incorrect patient details showing on forms after saving.
6. TFS-3957 – Fix for the incorrect form showing and not matching the title in the tree-view pane.

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
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	

7. PoC 5.2.10 – General Release

Application	Version	Date	Status
DXS.exe	5.0.10.26	06.01.2020	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	2.0.9.84	06.01.2020	Updated
APIProxy.exe	2.2.10.26	06.01.2020	Updated
RegLib.exe	N/A	06.01.2020	Updated
DXS Loader.exe	1.0.0.41	09.03.2016	–
Linker.exe	1.0.2.256	06.01.2020	Updated

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Newtonsoft.Json.dll	10.0.1.20720	06.01.2020	New

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7.1   Introduction

Version 5.2.10 focuses on improvements to the search functionality, as well as improvements to the display of search results. The speed at which search results are displayed has been considerably improved, and the results are more comprehensive and accurate.

7.2   Enhancements

1. Search results have been categorised in sections.
2. Wildcards have been added, allowing for partial words to be used when searching.
3. Multiple keywords or search terms can now be used when searching for a document.
4. The ability to search for words within a pathway or guidance document has been added.
5. Signatures are scaled automatically if they are too large for the field.
6. Improved messages when failing to connect to the clinical system.
7. Documents converted to the new format are now cached for quicker access.
8. RBAC can be disabled for the synchronising of new sites/users.
9. The display of the draft watermark has been made more visible on forms.

7.3   Fixes

1. TFS-3784 – Fix for the filter functionality disappearing from the Forms section after searching.
2. TFS-3798 – Fix for the GMC number being replaced by the GMP number on certain setups.
3. TFS-3799 – Fix for filtering by the 'Assigned To' user also including other users.
4. TFS-3801 – Fix for the 'Save to Patient' confirmation being removed in the Medicines, Education and Services sections.
5. TFS-3806 – Fix for sorting in the Complete folder taking too long.
6. TFS-2820 – Fix for older forms not being able to reassign without being edited.
7. TFS-3826 – Fix for DXS Point-of-Care crashing when interacting with a Lookup-type field.

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.

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