



Point-of-Care

Clinical Decision Support System

DXS Release Notes

Version 5.1.2

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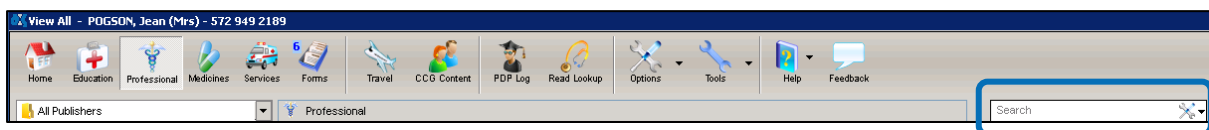
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1. Executive Summary

This latest DXS release introduces a complete overhaul of our Search functionality making it quicker and easier for users to get the results they need. Advanced Search options allow you to narrow your search to focus, for example, only on your CCG content. A customer feedback system has been added giving the ability to log an issue or enhancement request from within DXS itself. Other exciting changes are highlighted below.

- Advanced Search functionality**

The new “search” box on the toolbar within DXS replaces the traditional “find” icon and matches the logic of the floating toolbar search.



Advanced search functions can be accessed by the little spanner and screwdriver icon and are tailored to each DXS section.

For example, in the Services section it is possible to narrow the search to “Use Patient Post Code” to get truly local Support Groups. This gives the user more control over their search criteria, returning a more suitable list of results.

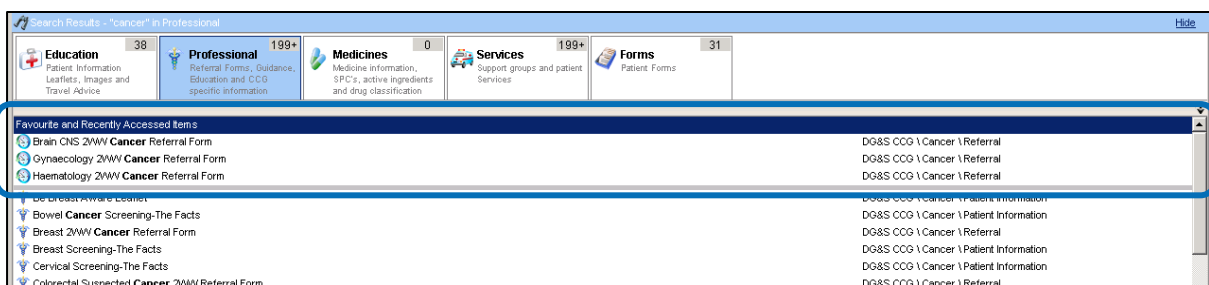


You can also search more naturally for local Services as it is possible to type the service name and then a part of the address (like a town name) and the relevant results will be displayed.

The speed of the search function has also been improved reducing the time taken to find the relevant document.

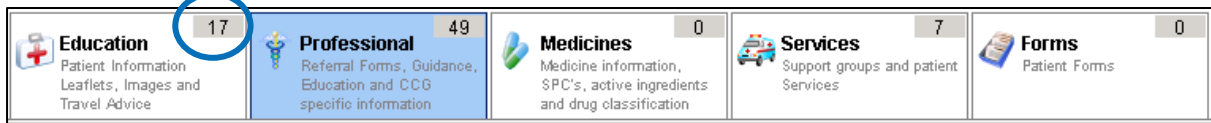
- Favourites and Recently Accessed Items**

The search results window now prioritises any Favourite or Recently Accessed documents to the top of the list making it quicker and easier to access them.



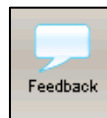
- **Search now displays the number of results in each section**

To quickly identify which of the DXS sections has relevant information relating to your search, the number of search results are indicated in the top right hand corner of each section banner.



- **Feedback Feature**

There is now a quick way to submit your feedback to DXS, whether it be a feature request or a query about a document or a technical issue. Click the Feedback icon, enter the details and click Submit.



Submit Feedback

You can use this form to submit feedback, ask questions, raise clinical queries and more.

No Patient Identifiable Data is ever submitted during this process.

If this is an URGENT matter please call 0800 028 0004 and choose Option 1 or email support-uk@dxs-systems.com

Type of Feedback: Report an Issue
Details: Technical Problem

Message: [Text Area]

I would like customer support to contact me regarding this feedback.

Contact me via: Email
Email Address: [Text Field]

Personal Information:
 Submit this feedback anonymously
 Allow my user registration details to be submitted to DXS

What data is submitted?

Submit Cancel

- **Assign to Groups**

The "Assign" feature has been further enhanced allowing you to assign a form to a Staff Member or a Staff Group (for example Medical Secretaries). The DXS Admin user is also able to create and manage the Staff Groups.

- **Patient NHS number included in email Subject field**

The patient NHS number is now included in the email subject field when using the DXS built-in email client.

Contact your DXS Account Manager to discuss trialling the following functions on a few local referral forms or templates, as we continue to add these exciting enhancements.

- **Email address drop-down**

Forms that contain more than one provider (and hence email address) will now allow you to choose the relevant email address from a drop-down box. This will eliminate the risk of incorrectly typing an email address.

- **Clinician Drop-down on Forms**

To ensure the correct Clinician is being applied to a referral, a simple drop-down pick list will populate with the names of all clinicians specific to that practice.

GP DETAILS	
USUAL GP NAME:	DXS, QA (Dr)
PRACTICE NAME:	CCG, Demo Content (Mr)
PRACTICE ADDRESS:	CCG, Kent and Medway (Mr) CCG, Medway (Mr) CCG, MedwayMulti (Mr) CCG, MyVitalCare (Mr) DXS, CQA (Dr)
BYPASS:	DXS, QA (Dr)
MAIN:	EMIS, Alex (Mr)
REFERRING CLINICIAN:	DXS, QA (Dr)

N.B. For the full list of other improvements and bug fixes please refer to page 7.

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 (GP)	5.1.2.39	20 April 2018	Version 8
Previous Releases	5.0.8.14	20 March 2018	Version 8
Current Release (Pharmacy)	4.5.0.131	1 August 2013	Version 8

4. Notes on Deployment

The upgraded files will be released electronically and will be downloaded with the daily content update. Once downloaded, an upgrade is scheduled on each workstation and a message will appear in the DXS Point-of-Care™ Main Viewer, indicating that the server and workstations need to be rebooted.

Version 5.0.8 has the functionality to automatically update when the clinical system is closed. However, as this is the first release with this functionality, the banner stating "Program Upgrade to version 5.0.8 is pending, please reboot your workstation to apply" will still appear as a contingency.

As a fall back, if anything goes wrong during the upgrade, it will be scheduled again for the next Reboot.

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	1280x720
Display	32 bit Colour
Operating System	Windows Vista, 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	1280x720
Display	16 bit Colour
Operating System	Windows Vista, 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) – Please see below for practices that have branch sites

6. 5.1.2 – General Release

Application	Version	Date	Status
DXS.exe	5.0.1.231	25.04.2018	Updated
DXSSch.exe	2.0.0.30	12.04.2006	-
DXScfg.exe	2.0.0.25	25.02.2005	-
DXSBar.exe	N/A	14.06.2005	-
Launch.exe	2.0.2.71	12.10.2017	-
APIProxy.exe	2.0.3.133	25.04.2018	Updated
RegLib.exe	N/A	16.09.2016	-
DXS Loader.exe	1.0.0.41	09.03.2016	-

Components	Version	Date	Status
Hwise32x.dll	5.0.0.20	25.04.2018	Updated
Hwise32x.eng	5.0.0.20	25.04.2018	Updated
DXSBar32.dll	N/A		-
DCINPS.dxc	3.0.2.284	25.04.2018	Updated (Vision)
DCEMISWb.dxc	2.0.1.284	25.04.2018	Updated (EMIS Web)
DCTPPSO.dxc	2.0.2.133	25.04.2018	Updated (TPP)
Stats.dxp	2.0.2.11	13.08.2013	-
PDPL.dxp	2.2.0.4	04.09.2013	-
Cardiac.dxp	1.0.2.16	10.12.2008	-
ssleay32.dll	1.0.1.3	21.05.2012	-
libeay32.dll	1.0.1.3	21.05.2012	-
FirebirdSql.Data.FirebirdClient.dll	4.6.1.0	16.09.2016	-
HWInput.eng	2.0.1.284	25.04.2018	Updated
LatticeLog.dll	1.0.2.1	16.09.2016	-
LatticeLogBI.dll	1.0.1.1	16.09.2016	-
LatticeLogDAL.dll	1.0.1.1	16.09.2016	-

Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009

6.1 Introduction

Version 5.1.2 introduces a complete overhaul of our Search functionality. Users can search different combinations of partial words to find accurate results, or search for documents related only to their CCG. Clipboard functionality has been implemented which allows custom fields to be copied from one document to any other document with the same fields. Users now have the ability to pass clinical codes back to the patient record based on document actions, and Forms can be assigned to Groups.

A new Feedback system has also been incorporated for user feedback on documents, or for the reporting of bugs.

6.2 Enhancements

1. Complete overhaul of the Search functionality.
2. Ability to search by Document number.
3. Ability to pass clinical codes back to the patient record when Printing, Emailing or Saving.
4. Scratchpad feature has been added – auto-copy to clipboard and paste functionality for same-name-fields.
5. A Feedback system has been introduced for logging bugs, suggesting changes, rating documents and asking questions.
6. Support for multiple Default Emailing Addresses on Forms has been implemented.
7. Local caching of documents (non-forms) has been implemented for faster loading over slower networks.
8. The main toolbar icons within DXS have been rearranged into groups.
9. A list of all file versions can be obtained from the Help menu by selecting Version Details.
10. Ability to assign referral forms to Groups has been added.
11. Performance enhancements to the populating of referral forms.
12. Updated Home Screen to improve the display of search results and search filters.
13. Recently used section added to display a user's recently used content.
14. Email address dropdown has been introduced in the DXS Email Client.
15. Staff drop-down field has been introduced in referral forms.
16. Personal reminders can now be set for referral form action dates.
17. Add NHS number to Subject line in emails.
18. Allow import of TIFF files as a Signature file.
19. Functionality has been added to calculate Total Scores.

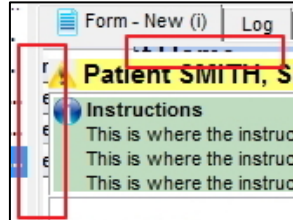
6.3 Fixes

1. Fixes have been made around Mandatory Email addresses.
2. PRB40428 – The incorrect Patient Name being displayed when exporting from “Forms” section has been fixed.
3. PRB40468 – An error that occurred in the Notes section has been resolved.
4. PRB39161 – A fix has been implemented for the Third party Email error appearing behind the DXS window.
5. Email addresses on forms now function as hyperlinks and can be clicked on.
6. PRB39317 – Program Upgrade logs are recycled if older than 60 days

6.4 Known issues

1. PRB18600 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. PRB18691 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.

3. PRB18711 – 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.
4. PRB18712 – Clinical system background showing in borders of forms saved to drafts in Toolbar integrations. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users.



5. PRB41722 – Incorrect Usual GP name appearing on forms for certain patients.
6. Third Party Email software is not recognised on Windows Server 2008, 2012 and 2016.

7. 5.0.8 – Emergency TPP Release

Components	Version	Date	Status
Hwise32x.dll	5.0.8.14	19.03.2018	Updated
Hwise32x.eng	5.0.8.14	19.03.2018	Updated

7.1 Introduction

A Clinical Risk was identified whereby certain clinical data was not being displayed. This was due to new Search Field Templates which lead to the Read3 codes not being looked up correctly, subsequently causing the fields to display “No Data”.

7.2 Fixes

1. Changes were made to the Read3 lookup in Search Field Templates.

7.3 Known issues

7. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
8. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
9. DMS16070 – Text cut through on “My Favourites” and “Legend” buttons. Only a bottom row of pixels is missing and the text is completely legible.
10. DMS16045 – 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.
11. DMS15438 – Clinical system background showing in borders of forms saved to drafts in Toolbar integrations. There is a three pixel wide gap on the left side and top of referral forms

displaying illegible text (irrelevant) that shouldn't be displayed. This is a minor aesthetic defect which will not have any impact on users.

12. PRB-40428 – Incorrect Patient Name displayed in dialog when exporting from “Forms” section.
13. PRB-40468 – Error when clicking on “Edit” in the Notes section.

8. 5.0.8 – Emergency EMIS Release

Application	Version	Date	Status
APIProxy.exe	2.0.3.78	01.03.2018	Updated

Component	Version	Date	Status
DCEMISWb.dxc	2.0.1.229	01.03.2018	Updated

8.1 Introduction

Through one of EMIS' updates, an authentication problem was introduced when users logged in using Smart Cards. DXS has subsequently changed one of their authentication phases to avoid this problem.

8.2 Fixes

1. Changes have been made around authentication to fix the Smart Card login issue.

8.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
3. DMS16070 – Text cut through on “My Favourites” and “Legend” buttons. Only a bottom row of pixels is missing and the text is completely legible.
4. DMS16045 – 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.
5. DMS15438 – Clinical system background showing in borders of forms saved to drafts in Toolbar integrations. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed. This is a minor aesthetic defect which will not have any impact on users.
6. PRB-40428 – Incorrect Patient Name displayed in dialog when exporting from “Forms” section.
7. PRB-40468 – Error when clicking on “Edit” in the Notes section.

9. 5.0.8 – Maintenance Release

Components	Version	Date	Status
Hwise32x.dll	5.0.8.13	11.01.2018	Updated
Hwise32x.eng	5.0.8.13	11.01.2018	Updated

9.1 Introduction

Version 5.0.5 introduced an Auditing issue whereby additional hits were being recorded on forms each time the form was saved. Due to the customers' reliance on these stats to be accurate it was deemed necessary to be fixed before the next release.

9.2 Fixes

1. The additional hits in the auditing of forms' usage has been fixed.

9.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
3. DMS16070 – Text cut through on “My Favourites” and “Legend” buttons. Only a bottom row of pixels is missing and the text is completely legible.
4. DMS16045 – 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.
5. DMS15438 – Clinical system background showing in borders of forms saved to drafts in Toolbar integrations. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed. This is a minor aesthetic defect which will not have any impact on users.
6. PRB-40428 – Incorrect Patient Name displayed in dialog when exporting from “Forms” section.
7. PRB-40468 – Error when clicking on “Edit” in the Notes section.

10. 5.0.8 – General Release

Application	Version	Date	Status
DXS.exe	5.0.1.108	08.12.2017	Updated
APIProxy.exe	2.0.3.11	12.12.2017	Updated

Components	Version	Date	Status
Hwise32x.dll	5.0.8.10	08.12.2017	Updated
Hwise32x.eng	5.0.8.10	08.12.2017	Updated
HWInput.eng	2.0.1.161	08.12.2017	Updated
DCINPS.dxc	3.0.2.162	12.12.2017	Updated (Vision)
DCEMISWb.dxc	2.0.1.162	12.12.2017	Updated (EMIS Web)
DCTPPSO.dxc	2.0.2.11	12.12.2017	Updated (TPP)

10.1 Introduction

Version 5.0.8 comes with new Slideshow features, as well as the ability to Show or Hide certain sections of a form based on certain criteria. Codes and their values can also now be passed back to the patient record from forms. Other feature improvements and minor bug fixes have also been added to this release.

10.2 Enhancements

1. CCG Button to take users directly to their CCG content folder.
2. Ability has been added to pass codes and values back to the clinical systems to record to the patient record from forms.
3. Slideshow functionality.
4. Show and Hide functionality, hiding certain sections of a form depending on answers to previous questions.
5. Forms saved to the Clinical System now include the time.
6. The time has been added to provenance information on Forms.
7. Services Drop-down menu wording changed from “Type Glossary” to “Category View”.
8. In the DXS Site details, a unique icon can be seen to identify Admin users in the Users List.
9. “New Action Date” column has been added to the Drafts folder in Forms.
10. On the Outdated database banner, the number of the DXS Support line has been added.
11. In Vision, users can select whether they want their history settings to be in Months or in Years.
12. An e-Learning link has been added to the Help button.

10.3 Fixes

1. Services Find History was not being retained but has been fixed.
2. What’s New article ordering has been changed to Alphanumerical.
3. Pathways not utilising full width of screen in Landscape view has been fixed.
4. Landscape documents exporting as Portrait has been fixed.
5. Today/Home screen refreshes when opened, instead of needing to close DXS.
6. Attaching forms from the Forms section to the patient record no longer includes the patient’s name in the attached document title.
7. Certain Services had a series of dashes/hyphens appearing after the details – these have been removed.
8. Double PDP prompt removed when exporting forms.
9. Support has been added for TIF files as signatures.
10. Checkboxes are now cleared correctly when using the Clear button on forms.

10.4 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).

3. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
4. DMS16045 – 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.
5. DMS15438 – Clinical system background showing in borders of forms saved to drafts in Toolbar integrations. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users.

11. 5.0.5 – General Release

Application	Version	Date	Status
DXS.exe	5.0.1.68	12.10.2017	Updated
APIProxy.exe	2.0.2.121	12.10.2017	Updated
Launch.exe	2.0.2.71	12.10.2017	Updated

Components	Version	Date	Status
Hwise32x.dll	5.0.5.105	12.10.2017	Updated
Hwise32x.eng	5.0.5.105	12.10.2017	Updated
HWInput.eng	2.0.1.121	12.10.2017	Updated
DCINPS.dxc	3.0.2.121	12.10.2017	Updated (Vision)
DCEMISWb.dxc	2.0.1.121	12.10.2017	Updated (EMIS Web)
DCTPSO.dxc	2.0.1.121	12.10.2017	Updated (TPP)

11.1 Introduction

After the user feedback received on version 5.0.3, changes to version 5.0.5 were made which includes workflow changes regarding forms in the 'Professional' section, thus improving performance. A few new features have also been added to the DXS Email client.

For Vision integration a fix has been implemented to exclude SNOMED data when looking at patient data. This will be an interim solution until DXS has implemented SNOMED coding and the system is Live in the clinical system. There has been a vast improvement on the loading time of forms for patients with large medical records.

For the EMIS Web integration there has been a fix implemented for Roaming profiles connecting to both 64bit and 32bit workstations, which caused DXS to register its Conduit on the one architecture and not work on the other architecture without manual intervention.

11.2 Enhancements

1. The "Drafts" section has been renamed to "Forms".
2. Forms workflow has been improved. Users can now choose to work on their Referral Forms in the Professional section or in the Forms section (previously Drafts).

3. Referral forms are now saved automatically if the user navigates away from the form, or if the user closes DXS.
4. Forms can be assigned to other users at the practice. The users need to be registered in DXS.
5. When Printing, Emailing or Saving a Referral form to Disk, the user will be prompted whether to Complete (finalise) the form or keep it as a Draft.
6. The Forms section can be filtered by various values (Patient Name, Form Type, Date, etc.).
7. Sending emails can now be set to include a [SECURE] prefix in the subject line.
8. Emails can be sent with a "no-reply" email address.
9. Emails can be sent with a Read-Receipt request, which will be sent back to the configured mailbox.
10. Practices can customise their Default Email Message.
11. Administrative users can now configure practice-wide settings, and decide whether users may reconfigure their own email address.
12. CCGs can choose to have mandatory NHS-mail addresses configured.
13. Implemented changes for Search Rules to be set up with a single code, which will link up with a library of all relevant codes for that field, for easier maintenance (Phase 1: EMIS only).
14. Fast upgrades have been implemented, giving the ability to upgrade DXS without rebooting the machine (5.0.5 to future upgrades).
15. Vast improvements made to the performance of loading forms with Vision when using patients with large medical records.

11.3 Fixes

1. PRB-18714 – Email Addresses on Forms were not formatted as a hyperlink and could therefore not be clicked on.
2. PRB-20444 – Fixed the performance of sending Emails with large attachments.
3. PRB-31112 – Fixed the issue whereby Windows Roaming Profiles used on both 32bit and 64bit workstations were causing DXS to fail authentication on the one architecture and work on the other.
4. PRB-33427 – Implemented a fix to exclude SNOMED data in the Vision Patient Record from our Search Field rules.
5. PRB-20190 – Emails sent from the Completed forms repository will now automatically fill in the email address.

11.4 Known issues

1. TFS2227 – The user is given two prompts to save to PDP when printing or emailing a Form.
2. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the "High Contrast" (non-default) windows theme.
3. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
4. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.

5. DMS16045 – 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. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users.

12. 5.0.3 – General Release (Recalled)

12.1 Introduction

The 5.0.3 – General Release delivers two bug fixes resolving two problem records. The release also improves existing functionality in DXS PoC by updating the referral workflow having forms edited in the forms repository.

This version was recalled due to performance issues with the new Forms workflow, and all sites were upgraded to Version 5.0.4 (this is essentially a downgrade back to Version 5.0.2).

1. Referral form workflow has been updated to edit forms in the forms repository; to improve performance and efficiency. Notifications for forms assigned to a user are also now included.
2. PDF attachments to the patient record are now pre-paginated to retain the exact same formatting as other DXS PoC file exports.
3. Read receipts can now be enabled for emailing from DXS PoC mail client.
4. Global email account can now be set for a practice with a no-reply email.
5. Practice wide email subject prefix can now be set.
6. DocMan file extensions are now supported in DXS email client.
7. Email sent confirmation dialog has been added.
8. Program upgrades improved to not be reliant on workstation reboot (phase 1 of 2).
9. Prompt fields in referral forms are now activated before clicking on the form.

12.2 Fixes

1. PRB-20431 – Users are unable to search for practice content and have to manually navigate to it.
2. PRB-18603 – Services hyperlinks are not formatted as a link.

12.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
3. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
4. DMS16045 – 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.

5. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users
6. PRB-20190 – Patient email address isn't automatically populated in the "To" field of an email when emailing a referral form from the completed repository in drafts.

13. 5.0.2 – General Release

13.1 Introduction

The 5.0.2 – General Release delivers a bug fix for pathways and resolves the problem record. The release also improves existing functionality in DXS PoC by updating content features.

1. Customisable hints can now be added to content which will display when the user selects the hint icon on the required section of the document.
2. Three state (tri-state) check boxes are now supported on referral forms.
3. Content subscriptions have now been improved to better support users subscribed to multiple content sources, also allowing for specific content to be prioritised for more targeted requirements by CCGs.

13.2 Fixes

1. PRB-29151 – Clickable area in pathways lower than what is displayed.

13.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the "High Contrast" (non-default) windows theme.
2. DMS17530 - Services hyperlinks not formatted as a link. This has no impact on usability.
3. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
4. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
5. DMS16045 – 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. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users
7. PRB-20190 – Patient email address isn't automatically populated in the "To" field of an email when emailing a referral form from the completed repository in drafts.
8. PRB-20431 – Any custom practice content added manually by the practice within a folder cannot be navigated to through use of the Find function.

14. 5.0.1.88 – General Release

Application	Version
APIProxy.exe	2.0.0.72

Components	Version
Hwise32x.dll	5.0.1.88
Hwise32x.eng	5.0.1.88
DCINPS.dxc	3.0.1.91
DCEMISWb.dxc	2.0.0.85
DCTPPSO.dxc	2.0.0.65
HWInput.eng	2.0.0.83

14.1 Introduction

The 5.0.1.88 – General Release delivers various bug fixes and resolves outstanding problem records. The release also improves existing functionality in DXS PoC.

1. Users are now able to zoom in on care pathways as they were previously able to with other content types.
2. Checkboxes can now be made mandatory and can have grouping rules applied to them on referral forms.
3. Dropdown menus on referral forms have been improved to reduce the number of clicks required to activate them
4. A notification is now displayed to confirm that a form has been successfully submitted for triage.
5. Transposed referral forms attached to the patient record now have a referral READ code associated to them.

14.2 Fixes

1. PRB-25819 – Adding referral forms to Vision patient record requires a manual refresh to display referral letter.
2. PRB-18593 – Text shifted slightly down in Pathway blocks.
3. PRB-12399 – Error stuck behind DXS if focus is lost.
4. PRB-9313 – Required Fields or correcting invalid inputs are not registered without clicking outside the field.

14.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS17530 – Services hyperlinks not formatted as a link. This has no impact on usability.
3. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).

4. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
5. DMS16045 – 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. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users.
7. PRB-20190 – Patient email address isn't automatically populated in the "To" field of an email when emailing a referral form from the completed repository in drafts.
8. PRB-20431 – Any custom practice content added manually by the practice within a folder cannot be navigated to through use of the Find function.

15. 5.0.1.67 – Triage Release

Components

Hwise32x.dll

Hwise32x.eng

15.1 Introduction

The 5.0.1.67 – Triage Release delivers functionality requested by Merton CCG. The additional functionality that was requested to be added to DXS PoC was to have the original as well as the updated triaged referral forms available to the end users in the DXS PoC Draft repository.

15.2 Fixes

1. Forms that have been triaged will now display the original form as well as the updated (triaged) form in the Drafts repository.
2. PRB-22614 – Unable to change Fonts size to print the feedback from triage centre – has been fixed

15.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the "High Contrast" (non-default) windows theme.
2. DMS18030 – Text shifted slightly down in pathway blocks – This results in the text being a few pixels lower than in previous versions but the text is still visible and in the relevant block.
3. DMS17530 – Services hyperlinks not formatted as a link. This has no impact on usability.
4. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).
5. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
6. DMS16045 – 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 SPC's and these are very unlikely to be printed.

7. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users.
8. PRB-20190 – Patient email address isn't automatically populated in the "To" field of an email when emailing a referral form from the completed repository in drafts.
9. PRB-20431 – Any custom practice content added manually by the practice within a folder cannot be navigated to through use of the Find function.

16. 5.0.1 – Emergency TPP Release

Application

APIProxy.exe

Components

DCTPSO.dxc

16.1 Introduction

The 5.0.1 – Emergency TPP Release was required after a change was made by TPP to their API which throttled API requests by integrations. While the DXS release was being prepared and deployed, TPP temporarily disabled the API throttling in their API.

16.2 Fixes

1. DXS PoC now uses a different API request to verify whether the current patient is a valid patient or a dummy patient which then doesn't trigger the API throttling when the actual patient details are requested by DXS PoC.

17. 5.0.1 – Pathology Release

Application

APIProxy.exe

Components

DCINPS.dxc

DCEMISWb.dxc

DCTPSO.dxc

17.1 Introduction

This release only updated supporting components of DXS PoC required to re-include previously released functionality that was removed due to an issue whereby EMIS Web was not making all (complete) pathology results available through their API.

17.2 Fixes

1. PRB-19560 – Forms not pulling in all types of blood results values in EMIS (ECR9872454/WI438737)

17.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS18030 – Text shifted slightly down in pathway blocks – This results in the text being a few pixels lower than in previous versions but the text is still visible and in the relevant block.
3. DMS17530 – Services hyperlinks not formatted as a link. This has no impact on usability.
4. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed)
5. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
6. DMS16045 – 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. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users
8. PRB-20190 – Patient email address isn't automatically populated in the “To” field of an email when emailing a referral form from the completed repository in drafts.
9. PRB-20431 – Any custom practice content added manually by the practice within a folder cannot be navigated to through use of the Find function.

18. 5.0.1 – General Release

Application

APIProxy.exe

Components

Hwise32x.dll

Hwise32x.eng

DCINPS.dxc

DCEMISWb.dxc

DCTPSO.dxc

18.1 Introduction

This release resolves 2 Problems and updates document viewing in DXS PoC to display forms in a paginated view. This release also introduces support for landscape orientated documents.

18.2 Fixes

1. PRB-18714 – Email address not formatted to display as a link on referral forms
2. PRB-18606 – Page size and text wrapping differences between 4 and 5.

18.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS18030 – Text shifted slightly down in pathway blocks – This results in the text being a few pixels lower than in previous versions but the text is still visible and in the relevant block.
3. DMS17530 – Services hyperlinks not formatted as a link. This has no impact on usability.
4. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed)
5. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
6. DMS16045 – 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. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users
8. PRB-20190 – Patient email address isn't automatically populated in the “To” field of an email when emailing a referral form from the completed repository in drafts.
9. PRB-20431 – Any custom practice content added manually by the practice within a folder cannot be navigated to through use of the Find function.

19. 5.0.0.62 – Emergency Release

Application

DXS.exe

DXSSchd.exe

DXSSchdSvc.exe

DXScfg.exe

DXSBar.exe

Launch.exe

APIProxy.exe

RegLib.exe

DXS Loader.exe

HWUpSvc.exe

Components

Hwise32x.dll

Hwise32x.eng

DXSBar32.dll

DCINPS.dxc

DCEMISWb.dxc

DCTPPSO.dxc

Stats.dxp

PDPL.dxp

Cardiac.dxp

ssleay32.dll

libeay32.dll

FirebirdSql.Data.FirebirdClient.dll

HWInput.eng

LatticeLog.dll

LatticeLogBI.dll

LatticeLogDAL.dll

Help Files

DXS.chm

PDPL.chm

19.1 Introduction

This release is necessary to resolve two issues that were found during the initial deployment of the DXS Version 5 release. The issues are detailed below.

19.2 Fixes

1. PRB-20795 – Unable to use mail merge in Consultation Manager with DXS enabled.
2. PRB-20851 – Forms from the drafts section has been deleted after v5 upgrade.
3. PRB-18598 - Checkboxes delayed until after the final box is checked.

19.3 Known issues

1. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the “High Contrast” (non-default) windows theme.
2. DMS18030 – Text shifted slightly down in pathway blocks – This results in the text being a few pixels lower than in previous versions but the text is still visible and in the relevant block.
3. DMS17530 – Services hyperlinks not formatted as a link. This has no impact on usability.
4. DMS17471 – Page size and text wrapping differences between version 4 and 5. In previous versions there would be a scroll bar at the bottom of the screen instead of the text wrapping as the window size is adjusted. All text remains visible and the quality of the content remains unchanged (correct).
5. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed).

6. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
7. DMS16045 – 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.
8. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users.
9. DMS15032 – Email address are not formatted to display as a clickable link on referral forms. This has no impact on usability.
10. PRB-20190 – Patient email address isn't automatically populated in the "To" field of an email when emailing a referral form from the completed repository in drafts.
11. PRB-20431 – Any custom practice content added manually by the practice within a folder cannot be navigated to through use of the Find function.

20. 5.0.0.50 – General Release

Application

DXS.exe

DXSSchd.exe

DXSSchdSvc.exe

DXScfg.exe

DXSBar.exe

Launch.exe

APIProxy.exe

RegLib.exe

DXS Loader.exe

HWUpgSvc.exe

Components

Hwise32x.dll

Hwise32x.eng

DXSBar32.dll

DCINPS.dxc

DCEMISWb.dxc

DCTPPSO.dxc

Stats.dxp

PDPL.dxp

Cardiac.dxp

ssleay32.dll

libeay32.dll

FirebirdSql.Data.FirebirdClient.dll

HWInput.eng

LatticeLog.dll

LatticeLogBI.dll

LatticeLogDAL.dll

Help Files

DXS.chm

PDPL.chm

20.1 Introduction

The version 5 release is a complete rework of the product on the latest modern compiler, while maintaining the same functionality and general appearance. After a successful pilot, additional bug fixes and updated supporting files have now been included in the release.

A new build of the DXS PDP tool which has been updated with the new compiler is now ready for release.

The DXS Update Scheduler has been updated to now run as a system service which will allow it to keep content up-to-date much more reliably than the previous version.

We have now included a DXS Upgrade service which will allow for future DXS program upgrades to be deployed remotely without any need for administrator/IT assistance or intervention.

A change has been made to the deployment of DXS PoC to INPS Vision environments. The DXS components are now being deployed to the workstations as with all other integrations with DXS PoC.

20.2 Enhancements

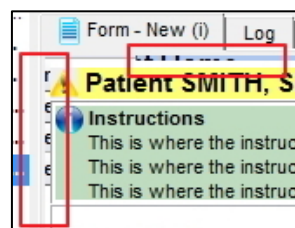
1. A new upgrade service has been introduced to improve the automatic program upgrade process.
2. The DXS scheduler has been improved to run as a service.

20.3 Fixes

1. PRB-18592 – Pathway links' active area (clickable area) lower than the link itself.
2. PRB-18605 – Custom Image bullet points not visible in Version 5 pilot release.
3. PRB-17591 – Look For icon missing in Home.
4. PRB-12399 – Mail error stuck behind DXS if focus is lost.
5. PRB-9313 – Required Fields or correcting invalid inputs are not registered without clicking outside the field.
6. PRB-18594 – Text hidden in Multi-line fields after pressing Enter.
7. PRB-18610 – Document Illustrations not showing in print preview nor print preview edit mode.
8. PRB-19304 – PDP does not open in EMIS and TPP integrations.
9. PRB-18611 – When saving a form as a draft then it doesn't appear as "bold".
10. PRB-19307 – Phone numbers auto formatting not working as expected.

20.4 Known issues

1. DMS18007 – Checkboxes delayed until after the final box is checked. In 4.6.1. When checking a few checkboxes in a row, each checkbox would become checked immediately after clicking into it, before you click the next box. However, in version 5, checking a few checkboxes in a row in very quick succession (3 per second) will not display any checks until you stop clicking. So, if you were to click 8 checkboxes, the checks are delayed and display simultaneously after your final click. It is unlikely that this should occur in a normal use case, as clicking 6 check boxes in 6 seconds isn't easy or likely, however, should it occur the severity is aesthetic, as the functionality will still be intact.
2. DMS17690 – PDP Appraisal Summary values slightly difficult to read when using the "High Contrast" (non-default) windows theme.
3. DMS18030 – Text shifted slightly down in pathway blocks – This results in the text being a few pixels lower than in previous versions but the text is still visible and in the relevant block.
4. DMS17530 – Services hyperlinks not formatted as a link. This has no impact on usability.
5. DMS17471 – Page size and text wrapping differences between version 4 and 5. In previous versions there would be a scroll bar at the bottom of the screen instead of the text wrapping as the window size is adjusted. All text remains visible and the quality of the content remains unchanged (correct).
6. DMS16116 – Vertical separator between Drafts and Options missing (minor aesthetic issue, not likely to be noticed)
7. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons. Only a bottom row of pixels is missing and the text is completely legible.
8. DMS16045 – 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 SPC's and these are very unlikely to be printed.
9. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration. There is a three pixel wide gap on the left side and top of referral forms displaying illegible text (irrelevant) that shouldn't be displayed (see illustration below). This is a minor aesthetic defect which will not have any impact on users



10. DMS15032 – Email address are not formatted to display as a clickable link on referral forms. This has no impact on usability.

21. 5.0.0.20 – Pilot Release

Application	Version	Date	Status
DXS.exe	5.0.0.10	16.09.2016	Updated
DXSSch.exe	2.0.0.30	12.04.2006	-
DXScfg.exe	2.0.0.25	25.02.2005	-
DXSBar.exe	N/A	14.06.2005	-
Launch.exe	-	06.08.2015	-
APIProxy.exe	2.0.0.10	16.09.2016	Updated
RegLib.exe	N/A	16.09.2016	-
DXS Loader.exe	1.0.0.41	09.03.2016	-

Components	Version	Date	Status
Hwise32x.dll	5.0.0.20	16.09.2016	Updated
Hwise32x.eng	5.0.0.20	16.09.2016	Updated
DXSBar32.dll	N/A		-
DCINPS.dxc	3.0.0.9	16.09.2016	Updated (Vision)
DCEMISWb.dxc	2.0.0.7	16.09.2016	Updated (EMIS Web)
DCTPSO.dxc	2.0.0.8	16.09.2016	Updated (TPP)
Stats.dxp	2.0.2.11	13.08.2013	-
PDPL.dxp	2.2.0.4	04.09.2013	-
Cardiac.dxp	1.0.2.16	10.12.2008	-
ssleay32.dll	1.0.1.3	21.05.2012	-
libeay32.dll	1.0.1.3	21.05.2012	-
FirebirdSql.Data.FirebirdClient.dll	4.6.1.0	16.09.2016	-
HWInput.eng	2.0.0.2	16.09.2016	Updated
LatticeLog.dll	1.0.2.1	16.09.2016	-
LatticeLogBI.dll	1.0.1.1	16.09.2016	-
LatticeLogDAL.dll	1.0.1.1	16.09.2016	-

Help Files	Date
DXS.chm	17.05.2007
PDPL.chm	16.07.2009

21.1 Introduction

The version 5 release is a complete rework of the product on the latest Delphi 10 platform, while maintaining the same functionality and general appearance. There are no changes in functionality as the focus was on getting a stable release using the new platform, with a few minor bug fixes. One issue in particular, whereby DXS did not pick up pathology data from Sunquest ICE (Integrated Clinical Environment), has been addressed. This issue was only affecting EMIS and TPP and not Vision, due to the nature of our integration.

21.2 Enhancements

1. Notification icons in DXS have been given a new flat look, as opposed to the old 3D look.
2. Search Field functionality has been extended to support Vision.
3. Search Field functionality now includes ICE pathology data.
4. Program Upgrades now requests admin credentials when insufficient permissions prevent DXS PoC components from being upgraded.
5. A new Consultation form field has been introduced to display up to the last 3 consultations from the patient record.
6. The medicines banner now reacts to drugs being added to the patient record before they have been formally saved for TPP users.
7. See Also items are now listed in the tree view of PoC as a child node of the article that they are related (linked) to.

21.3 Fixes

1. After completing referral forms in the Drafts repository, DXS does not navigate away from that particular subsection of Drafts, should the user wish to complete more forms in that section.
2. Certain services opened in notepad as code when saved to the patient record, these now display correctly.
3. PRB-16748 – A bug was fixed where the patient email address was populated on the next patient's referral form if the next patient didn't have an email address recorded in EMIS Web.

21.4 Known issues

1. DMS18036 – Pathway links' active area (clickable area) lower than the link itself.
2. DMS18030 – Text shifted slightly down in Pathway blocks.
3. DMS18010 – Text hidden in Multi-line fields after pressing Enter {When typing into a multi-line field, and reaching the end of the first line, Pressing Enter to go to the second line hides the first line. It appears as if the user clicked into a blank field and is on the first line. As soon as you start typing again, the first line appears above the second line as it should have been after pressing Enter.}.
4. DMS18007 – Checkboxes delayed until after the final box is checked. In 4.6.1 when checking a few checkboxes in a row, each checkbox would become checked immediately after clicking into it, before you click the next box. However, in version 5, checking a few checkboxes in a row very quickly will not display any checks until you stop clicking. So, if you were to click 8 checkboxes, the checks are delayed and all eight display simultaneously after your final click.
5. DMS17690 – PDP Appraisal Summary values difficult to read (Win 7).
6. DMS17591 – Look For icon missing in Home.
7. DMS17530 – Services hyperlinks not formatted as a link.
8. DMS17487 – Custom Image bullet points not visible in Version 5.
9. DMS17471 – Page size and text wrapping differences between 4 and 5.
10. DMS17448 – Document Illustrations not showing in print preview nor print preview edit mode.
11. DMS17441 – When saving a form as a draft then it doesn't appear as "bold".
12. DMS16214 – Help drop down displays both old and new icons.

13. DMS16116 – Separator between Drafts and Options missing.
14. DMS16070 – Text cut through on "My Favourites" and "Legend" buttons.
15. DMS16045 – Content being cut off from the right side in print.
16. DMS15438 – Field names showing in borders of forms saved to drafts in TPP integration.
17. DMS15032 – Email address not formatted to display as a link on forms.
18. DMS13442 – PDP does not open for EMIS and TPP integrations.