



***Point-of-Care***

*Clinical Decision Support System*

## DXS Release Notes

Version 5.0.8

Maintenance Release

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## 1. Version 5.0.8 Executive Summary

The latest DXS release incorporates enhancements requested by our users, as well as a few bug fixes. A great deal of work has been put into improving the functionality of referral forms and templates. There are also some exciting changes which are listed below.

- **CCG button**

The new “CCG Content” icon on the toolbar will make it easier for users to find CCG specific documents. By clicking on this icon, users can navigate straight to care pathways, referral templates and other local CCG content.

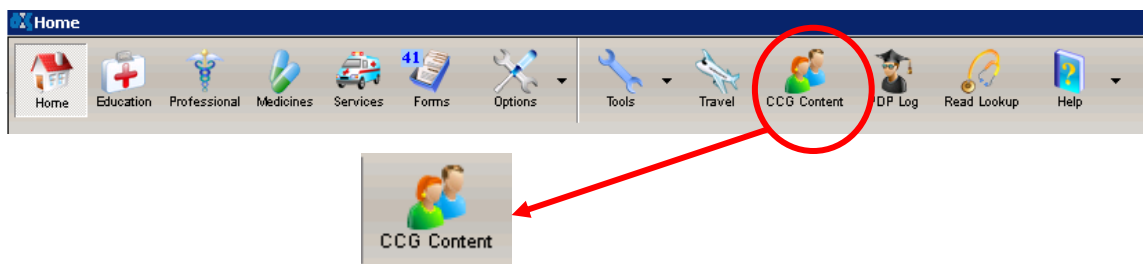


Figure 1: CCG Content Icon

Only the CCG content will be displayed, which means users can browse the folders, or click on the “Find” icon and type in a keyword to search for the document they want.



Figure 2: Find Icon

- **Help, e-Learning link**

There have been requests for a quick way to access the DXS e-Learning portal. This has been added in the Help menu which will take you straight to our DXS Training Website where you can access our Quick Reference Guides, as well as How-to Guides and videos.

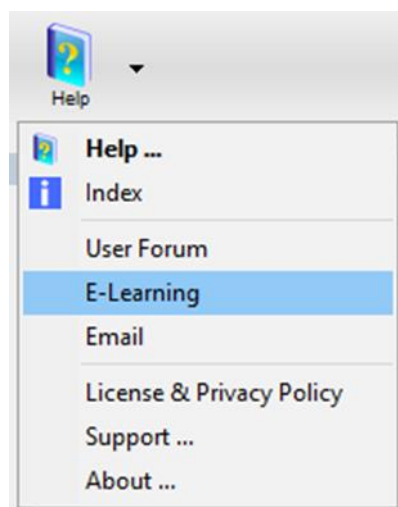


Figure 3: e-Learning Link

- **Administrator user role now shown in user list**

This improvement allows users to easily identify those users in their practice who are assigned the Admin role for DXS, allowing them to ask the user to perform Admin tasks such as setting up the DXS built-in email client with the site-wide email details.

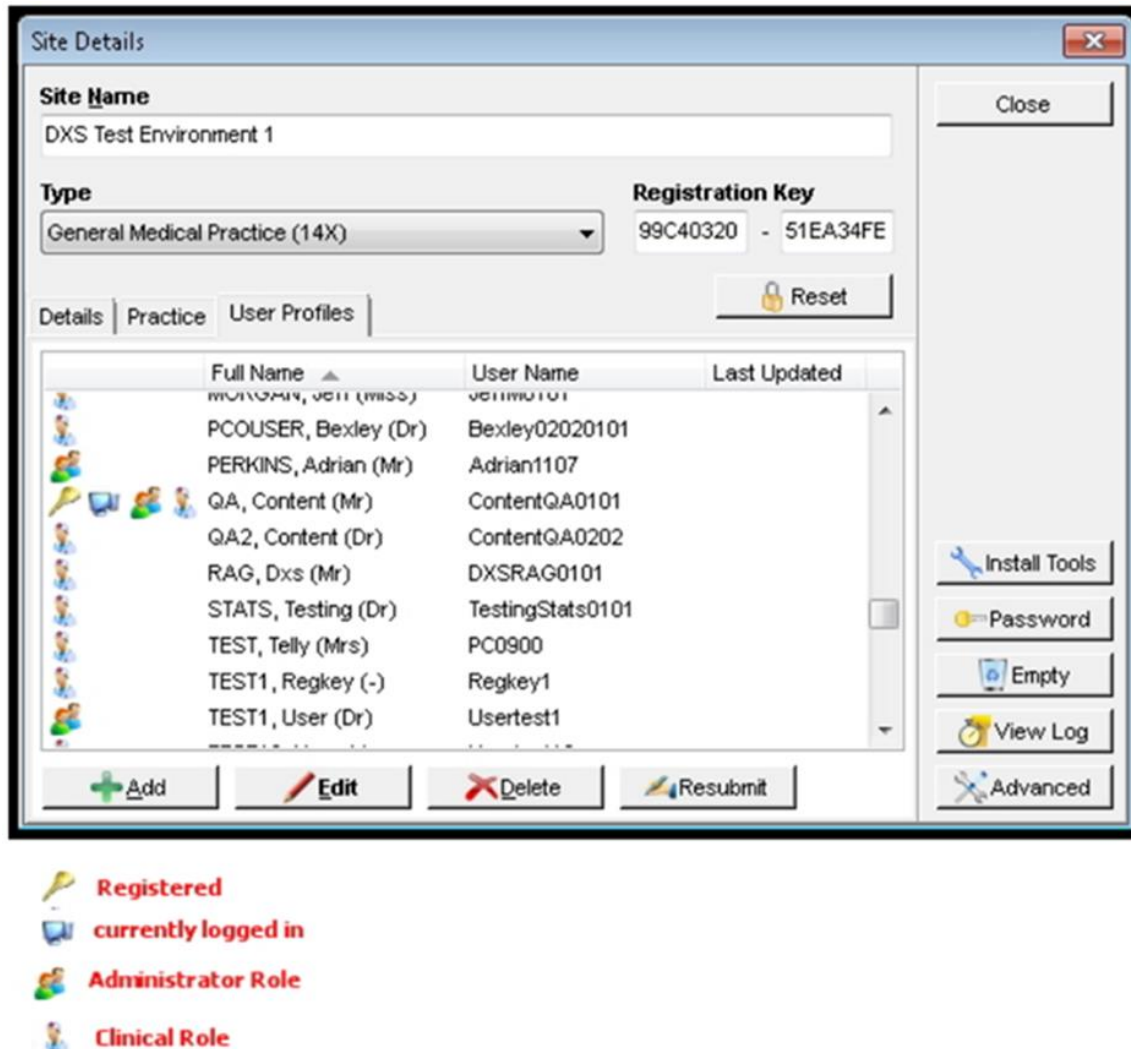


Figure 4: Administrator User Role Now Shown in User List

- **Service – Enhancements to formatting**

The formatting of the entries in the Services section has been improved to make it easier to read. Local services, targeted to a specific CCG or locality are now easier to reference and to provide to patients.

- **Vision conduit setting can be set to months**

The history settings can now be set to a number of Months or Years in the Vision Conduit. Some referral templates were weighed down by having large quantities of data being auto-populated (for example Integrated Community Team referral forms). Users now have the option to further narrow down the time span to months rather than years. This means that Vision users will now be in line with EMIS WEB and TPP SystemOne users.

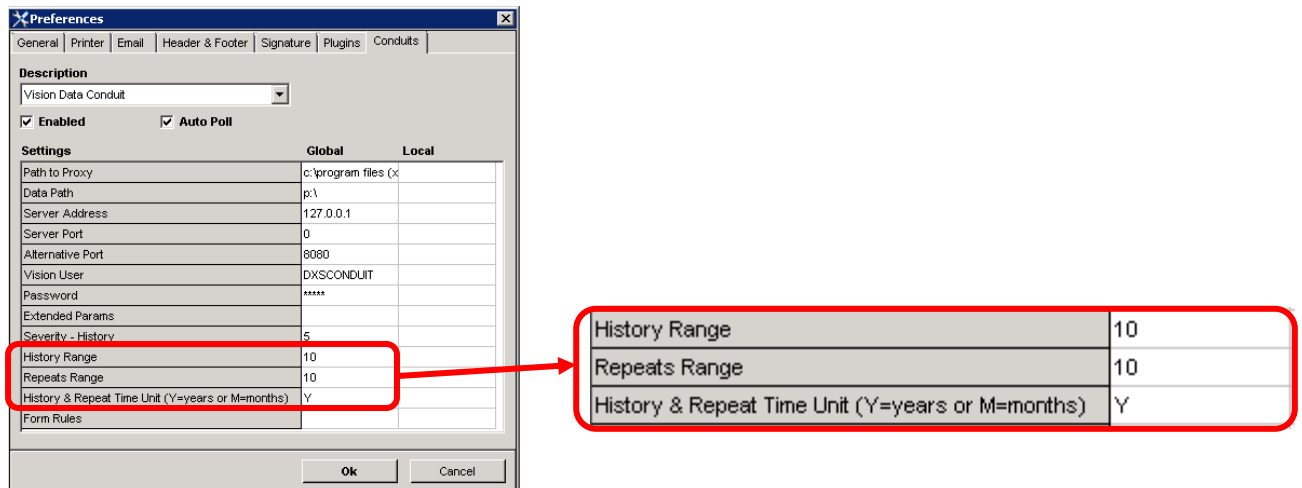


Figure 5: Vision Conduit Setting in Months

- **Forms saved to clinical system no longer omit the time from properties**

The properties section now records the time, as well as the date, which can be useful when tracking down a particular document.

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.

- **Hide/show functionality on forms and templates**

DXS Point-of-Care has the ability to dynamically show or hide specific sections or areas within forms and templates, depending on the options chosen by the user. For example, if the referral that is being made relates to a specific speciality, the DXS form can instantly hide all sections not relating to that referral ensuring that the user only has to complete the relevant section for that type of referral or provider.

- **Slideshow functionality**

This functionality consists of an enhanced navigation system which is utilised when moving through care pathways, templates and other long or complex documents within DXS Point-of-Care. It can present unique, clearly structured, and targeted template elements on screen, which is free from extraneous data. This simplifies the referrer's task when dealing with lengthy documents.

- **File back read codes into EMIS and SystemOne from a DXS template**

Templates can be enhanced to allow you to enter, for example, a blood pressure reading on the form that is missing from the patient record, but that is required. By adding the reading to the relevant field on the form DXS can also automatically record the data back to the patient record with the correct READ code, which will save you time and eliminate the need to switch windows.

**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)	5.0.8.13	12 January 2018	Version 8
Previous Releases	5.0.8.10	12 December 2017	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

DXS Point-of-Care Minimum Requirements	
<b>CPU</b>	Pentium III – 700
<b>Memory</b>	512MB RAM
<b>Free Hard drive Space</b>	1GB
<b>Resolution</b>	1024x768
<b>Display</b>	16bit Colour
<b>Operating System</b>	Windows Server 2008*, Windows Vista*, Windows 7*, Windows 8*, Windows 10*, Windows Server 2012*  <i>*UAC now supported with DXS PoC (Files are now code signed with a Thawte certificate)</i> <i>*Changes: As of version 4.6.1, discontinued support for Windows XP and below.</i>
<b>Internet Connectivity</b>	Required (HTTP Access to uk.dxs-systems.com. HTTP GET and POST Methods allowed)

DXS Point-of-Care Recommended Requirements	
<b>CPU</b>	Pentium 4, Core II Duo, Core II Quad
<b>Memory</b>	2 GB RAM
<b>Free Hard drive Space</b>	1GB
<b>Resolution</b>	1280X1024 +
<b>Display</b>	32bit Colour
<b>Operating System</b>	Windows Server 2008*, Windows Vista*, Windows 7*, Windows 8*, Windows 10*, Windows Server 2012*  <i>* UAC now supported with DXS PoC (Files are now code signed with a Thawte certificate)</i> <i>* Changes: Discontinued support for Windows XP and below.</i>
<b>Internet Connectivity</b>	Required (HTTP Access to uk.dxs-systems.com. HTTP GET and POST Methods allowed)



## 6. 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

### 6.1 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.

### 6.2 Fixes

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

### 6.3 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.

## 7. 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)
DCTPSO.dxc	2.0.2.11	12.12.2017	Updated (TPP)

## 7.1 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.

## 7.2 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.

## 7.3 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.

## 7.4 Known issues

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

11. 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.
12. 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.

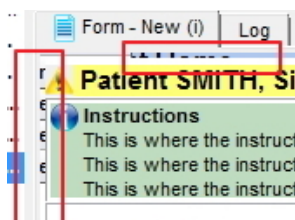


Figure 6: Referral Forms Displaying Illegible Text

## 8. 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)
DCTPPSO.dxc	2.0.1.121	12.10.2017	Updated (TPP)

### 8.1 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.

## 8.2 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.

## 8.3 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.

## 8.4 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.

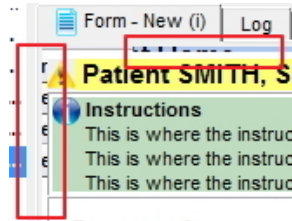


Figure 7: Referral Forms Displaying Illegible Text

### 9. 5.0.3 – General Release (Recalled)

#### Application

APIProxy.exe

#### Components

Hwise32x.dll

Hwise32x.eng

DCINPS.dxc

DCEMISWb.dxc

DCTPSO.dxc

HWInput.eng

## 9.1 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.

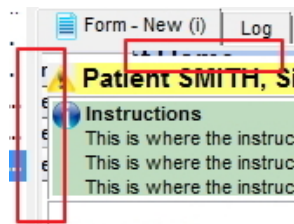
4. Global email account can now be set for a practice with a no-reply email.
5. Practice wide email subject prefix can now be set.
6. DocMan file extensions are now supported in DXS email client.
7. Email sent confirmation dialog has been added.
8. Program upgrades improved to not be reliant on workstation reboot (phase 1 of 2).
9. Prompt fields in referral forms are now activated before clicking on the form.

## 9.2 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.

## 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 – 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



*Figure 8: Referral Forms Displaying Illegible Text*

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.

## 10. 5.0.2 – General Release

### Application

APIProxy.exe

### Components

Hwise32x.dll

Hwise32x.eng

DCINPS.dxc

DCEMISWb.dxc

DCTPPSO.dxc

HWInput.eng

### 10.1 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.

### 10.2 Fixes

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

### 10.3 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

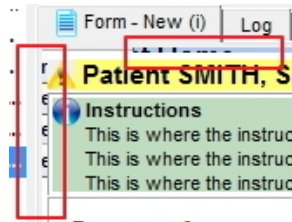


Figure 9: Referral Forms Displaying Illegible Text

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.

## 11. 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

### 11.1 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.

### 11.2 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.

### 11.3 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.

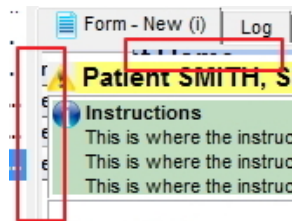


Figure 10: Referral Forms Displaying Illegible Text

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.

## 12. 5.0.1.67 – Triage Release

### Components

Hwise32x.dll

Hwise32x.eng

### 12.1 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.

## 12.2 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

## 12.3 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.

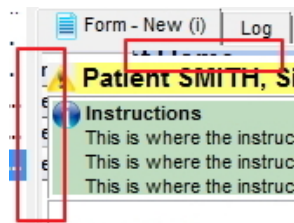


Figure 11: Referral Forms Displaying Illegible Text

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.

## 13. 5.0.1 – Emergency TPP Release

### Application

APIProxy.exe

### Components

DCTPPSO.dxc

## 13.1 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.

## 13.2 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.

## 14. 5.0.1 – Pathology Release

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### Application

APIProxy.exe

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### Components

DCINPS.dxc

DCEMISWb.dxc

DCTPPSO.dxc

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## 14.1 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.

## 14.2 Fixes

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

## 14.3 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

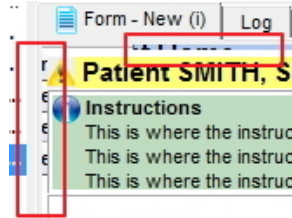


Figure 12: Referral Forms Displaying Illegible Text

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.

## 15. 5.0.1 – General Release

### Application

APIProxy.exe

### Components

Hwise32x.dll

Hwise32x.eng

DCINPS.dxc

DCEMISWb.dxc

DCTPPSO.dxc

## 15.1 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.

## 15.2 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.

## 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 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

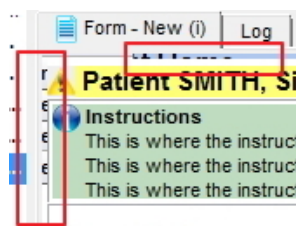


Figure 13: Referral Forms Displaying Illegible Text

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. 5.0.0.62 – 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

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**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**

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#### **Help Files**

**DXS.chm****PDPL.chm**

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## 16.1 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.

## 16.2 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.

## 16.3 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.

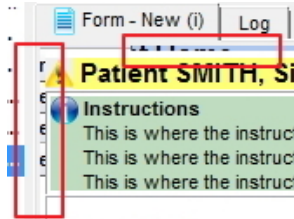


Figure 14: Referral Forms Displaying Illegible Text

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.

## 17. 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

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PDPL.dxp

Cardiac.dxp

ssleay32.dll

libeay32.dll

FirebirdSql.Data.FirebirdClient.dll

HWInput.eng

LatticeLog.dll

LatticeLogBI.dll

LatticeLogDAL.dll

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#### Help Files

DXS.chm

PDPL.chm

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## 17.1 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.

## 17.2 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.

## 17.3 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.

## 17.4 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 checkboxes 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

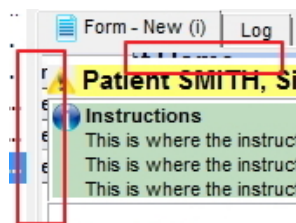


Figure 15: Referral Forms Displaying Illegible Text

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

## 18. 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

### 18.1 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.

## 18.2 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.

## 18.3 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.

## 18.4 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.