

Understanding the terminology used

There are three categories of entries in the Release Notes:

- **ENHANCEMENT:** A new function within ensur that may or may not relate to an existing feature
- **MINOR CHANGE:** A change to the UI or small suggested change to the existing features of ensur
- **BUG-FIX:** An issue that has been corrected within the existing features of ensur

Changes have been organized by modules for ease of understanding where the modifications have affected the functionality of ensur.

- The number in parenthesis is the number of changes to each module

ensur 4.2

System Requirements

DocXellent supports this version of ensur within the following baseline configuration:

Database Server: Windows Server 2008, 2008 R2, 2012 R2 (32 or 64 bit) physical or virtual
Databases: SQL Server Standard (2008 or 2008R2, 2012, 2014), Oracle 11g
Web server: Windows Server 2008, 2008 R2, 2012 R2 (32 or 64 bit) physical or virtual
IIS: IIS7 and IIS8
.Net Framework: 4.0 and 4.5
MS Office: 2007, 2010, 2013
Workstation: Windows 7 or higher
Internet Browsers: Internet Explorer, Chrome, Firefox
Screen Resolution: 1024 x 768 or higher

Version 4.2 SP5, 20-May-2016 (7)

ensurAutoPDF (1)

1. **MINOR-CHANGE:** Added ability to create Bookmarks for Word documents. This can be configured in 3 modes: "Create No Bookmarks", "Create Heading Bookmarks" and "Create Word Bookmarks." (160129-1574)

ensurDCS (2)

1. **BUG-FX:** Fixed a bug when change orders were being used to revise parents that had shared dependent static children, the shared children would stop displaying in the link explorer and/or the BOM for one or more of the CO members previous (now Historic) revisions due to a slight difference in the static dependent children's link end date. (160426-1620)
2. **BUG-FIX:** Fixed a bug that could surface in the link explorer on a historic dependent static child. It would incorrectly show that it was linked to a newer version of its dependent static parents than it actually was. (160503-1626)

ensurMail (1)

1. **MINOR-CHANGE:** Modified ensurMail to accommodate secure SMTP email. (160125-1568)

ensurPublish (2)

1. **ENHANCEMENT:** ensurPublish will support a new format of "Code, Title" for the option "Keep only the latest revision." (150730-1450)
2. **MINOR-CHANGE:** Modified ensurPublish to use ceTe v8.0. This is an update to the ensurPDF Overlay DLL. (160401-1601)

ensurUpdate (1)

1. **MINOR-CHANGE:** Modified ensurUpdate to use ceTe v8.0. This is an update to the ensurPDF Overlay DLL. (160401-1602)

Version 4.2 SP4 Rel2, 25-Jan-2016 (1)

ensurAutoPDF (1)

1. MINOR-CHANGE: Container merge can now accommodate larger merge jobs and we have updated to the latest version of ceTe DynamicPDF (version 8.0) which is used by ensur to apply overlays and security to PDF content. (160121-1566)

Version 4.2 SP4 Rel1, 17-Dec-2015 (1)

ensurHyperlink (1)

1. BUG-FIX: Modified ensurHyperlink to offer backward compatible support for hyperlinks created in ensur 4.1x (151217-1551)

Version 4.2 SP4, 3-Nov-2015 (22)

ensurDCS (7)

1. ENHANCEMENT: Added a Design History Template that allows child records in any status, DHR binders will display all children in any status, DHR Binders will not automatically inherit future versions and will support sub-assemblies of identical types. (150924-1466)
2. BUG-FIX: Fixed an issue when a user creating a new record clicks the OK button multiple times before the form refreshes, each click will result in a new document. (150603-1415)
3. BUG-FIX: Corrected a framework issue causing repeated non-consequential error messages to be reported to the Windows Event Viewer. (150728-1448)
4. BUG-FIX: The Undo Checkout warning message was found to be missing from new menus. Added the Checkout warning message to all appropriate menus. (150924-1465)
5. BUG-FIX: When users quickly double-clicked the login icon it would cause a Session Error. Fix eliminated the Session Error for repeated clicks of the Login Icon. (151002-1467)
6. MINOR-CHANGE: Added the functionality to enable the link info icon in the ensur explorer to now be clickable for expired links. (151019-1477)
7. BUG-FIX: Fixed an issue where users that did not click the "remember me on this computer" box were not able to log into ensur on their PC. (151020-1479)

ensurDocTraining (1)

1. ENHANCEMENT: When a user signs a document to indicate they have read and understood the document in Document Training, added this to the document audit log. (151026-1487)

ensurMail (5)

1. ENHANCEMENT: Add a new notification that is sent to the creator of a document when that document has been submitted for approval and subsequently rejected. (150629-1438)
2. MINOR-CHANGE: Add a setting to ensurMail that will allow for a delay in the start time of once daily processing (i.e., new day + 8 hours). (14114-1313)
3. BUG-FIX: ensurMail was not notifying new users in an Oracle database implementation for multi-factor authentication. (150630-1439)
4. BUG-FIX: Fixed an issue that caused multiple emails to be sent if an Approver signed multiple documents at once to both the Approver and Submitter. (150727-1447)

5. BUG-FIX: Added a safeguard in ensurMail to prevent the length of a message to exceed 255 characters and not get added to the notification queue. (151027-1488)

ensurCAPA (1)

1. BUG-FIX: If a user who defers a CAPA has a middle initial it would cause an incorrect response. (150828-1460)

ensurHyperlink (1)

1. BUG-FIX: When editing the expiration date on the Link/Hyperlink page, the link address did not refresh automatically. Implemented a fix by requiring the user to update the expiration date. (150910-1461)

ensurSysAdmin (4)

1. MINOR-CHANGE: control-undo-any-checkout changed to a folder specific right not a system right (150415-1391).
2. BUG-FIX: Corrected an issue in a Oracle implementation that prevented the encrypted key password from working properly for the Admin user. (150630-1440)
3. BUG-FIX: Corrected an issue that caused the Admin tree to inadvertently disappear if a user with SysAdmin rights tried to edit his/her user profile. (150716-1444)
4. BUG-FIX: When a certain sequence of clicks were executed in SysAdmin/ensurMail/Notifications then navigating to a folder within the folder tree, would cause a Page Error and the Content Explorer would not display. (151007-1469)

ensurTMS (3)

1. BUG-FIX: Removing a Job Title from a User's profile could result in the user being inadvertently removed from the EDT roster and might not associate all the documents in a new job title if added to a User's Profile. Fixed both issues with this change. (151013-1473)
2. BUG-FIX: Users were able to be added to the training roster of documents past Current status. Fixed this issue so users can only be added to rosters of documents that are Current or sooner in their life cycle status. (151023-1482)
3. BUG-FIX: When clicking "Save" on the EDT roster page when editing Job Titles, ensur would sometimes display an error header with no error details even though the Save was successful. (151026-1486)

Version 4.2 SP3, 1-July-2015 (17)

ensurDCS (12)

1. BUG-FIX: If a file had never been published, but a file with the published file name already exists in the publish folder, the file would not be published, it would leave the existing file in the published folder and no publish record would exist in the publish queue. (150415-1393)
2. BUG-FIX: Checked out files were not found at check-in time after the revision level was edited on the properties page. (150513-1399)
3. BUG-FIX: ensurDoc - Routing panel on Submit page was not refreshing when submitting multiple documents and CAPAs. (150513-1400)
4. BUG-FIX: Corrected a multi-tab session "bleed-through" issue. (150515-1401)
5. BUG-FIX: Fixed a bug that affected folder creation/edit under certain circumstances when using an Oracle repository. (150521-1404)
6. BUG-FIX: Approval notifications not being sent for tiers greater than 1. This bug was introduced in 4.2 SP1. It applies to Documents and the following CAPA routings: Analysis, Approval, Implementation, Acceptance, and Verification. (150604-1416)
7. BUG-FIX: Changed the way automatic editor folder creation works when assigning rights to be more compatible with varied server environments. (150611-1428)
8. MINOR-CHANGE: ensur would incorrectly modify the timestamp of an original file upon check-in when automatic PDF rendering was not requested. This would cause the PDF to be older than the original when submitting the document for approval. (150427-1397)
9. MINOR-CHANGE: When not using Network Shares, upon successful completion of Bulk Export, create a zip file of all the files and stream it directly to the user's browser. (150527-1406)
10. MINOR-CHANGE: Added a warning to user if there is no email address associated with account to use for multi-factor authentication. (150528-1407)
11. MINOR-CHANGE: Added the following metadata fields for use on overlays: Last Modified By, Last Modified Date, Last Modified Date & Time Reviewer - Last Date, Reviewer - Last Date & Time. (150529-1410)
12. MINOR CHANGE: Added the ability to use Natural Sort on code, Rev and Title. (150611-1425)

ensurCAPA (2)

1. BUG-FIX: When approving CAPA content that is in Sub-Approval and Sub-Verification a timeout was reported on the Submit page and the operation does not complete properly. (150609-1423)
2. BUG-FIX: Approvers were allowed to be placed on the Analysis, Implementation, and Acceptance & Verification Routing of a CAPA, however, they would see an insufficient rights message displayed when attempting to approve and the approval would not be allowed. (150616-1430)

ensurForms (2)

1. BUG-FIX: Fix a bug in the ensurForms update logic that prevented forms from updating when the changed layout had non-data storing components removed. (150609-1424)
2. BUG-FIX: Fix a bug with the ensurForms layout update logic that was causing incorrect component ordering when updating Draft forms to newer layouts. (150611-1427)

ensurMigrate (1)

1. BUG-FIX: Fixed a problem with ensurMigrate that caused loads to fail when content records contained more than 1 owner. (150611-1426)

Version 4.2 SP2, 27-Mar-2015 (30)

ensurDCS (24)

1. BUG-FIX: In Fast Find, Selecting a new folder will now automatically clear, unless you are going to the To Do List Summary page from a Fast Find search result page: (150113-1336)
2. MINOR-CHANGE: Allows for encrypting the connection string of the ensur Services configuration file: (150116-1338)
3. MINOR-CHANGE: Changed when the Import link is displayed when Network Shares are not enabled: (150119-1339)
4. MINOR-CHANGE: Display a Submitted by" column on the To Do Summary Page for Content whose status is "In Review" or "Sub-Approval"." (150119-1340)
5. BUG-FIX: Corrected folder search error that was displayed after selecting a folder from a folder search result set: (150119-1341)
6. BUG-FIX: Corrected bug that was preventing Batch Routing and Content type Routing from displaying correct results (141230-1328)
7. BUG-FIX: In Fast Find, Selecting a new folder will now automatically clear, unless you are going to the To Do List Summary page from a Fast Find search result page: (150113-1336)
8. MINOR-CHANGE: Allows for encrypting the connection string of the ensur Services configuration file: (150116-1338)
9. MINOR-CHANGE: Changed when the Import link is displayed when Network Shares are not enabled: (150119-1339)
10. MINOR-CHANGE: Display a Submitted by" column on the To Do Summary Page for Content whose status is "In Review" or "Sub-Approval"." (150119-1340)
11. BUG-FIX: Corrected folder search error that was displayed after selecting a folder from a folder search result set: (150119-1341)
12. Bug-FIX: ensurPublish incorrectly tried to publish folders when publishing is disabled and the Publish Mode is set to All Revisions. (150121-1344)
13. MINOR-CHANGE: Improved font contrast for read-only textboxes: (150121-1345)
14. MINOR-CHANGE: Modified the system to enforce the opening of content before completing periodic review signatures: (150122-1346)
15. BUG-FIX: Corrected an error displayed when creating or modifying a local editor account that has no share folders: (150122-1347)
16. BUG-FIX: To not allow a Viewer or Approver to be granted full Folder Edit menu options after Folder | View My Rights was selected: (150202-1351)
17. BUG-FIX: Viewers or approvers who selected Folder | View My Rights while in a special purpose folder, would cause an unhandled exception to be displayed. Also removed Folder | View My Rights when the Root node of the tree is selected: (150203-1352)
18. MINOR-CHANGE: Added Revision History to the ensurHyperlink page: (150204-1354)
19. MINOR-CHANGE: Add the Require Notes On Delete checkbox setting to Content Type Report: (150217-1359)
20. MINOR-CHANGE: Add Revise and Replicate Default Link Inheritance settings to the Document and Training product Content Type Report: (150217-1360)

21. MINOR-CHANGE: Added the ability to track all login attempts. (150217-1361)
22. BUG-FIX: Corrected an issue that improperly displayed the Create New Toolbar Icon. (150220-1366)
23. BUG-FIX: The logic to change a documents code has been refactored to eliminate problems that would lead to failed check-ins because the checked out files were not always being renamed to reflect the new Code. Also added Audit Log message when a documents code is changed. (150225-1370)
24. BUG-FIX: If changes were made to original windows based content, then a PDF was manually imported, the changes to the original content would be lost when the document was checked back in. (150309-1380)

ensurDocTraining (1)

1. MINOR-CHANGE: Changed Result Feedback Message on the document Training Add Roster Entry page to detail which users were already present and which users were added to the roster when selecting everyone in a group. (150227-1376)

ensurQuiz (1)

1. BUG-FIX: Deleting a question from a Quiz that has randomization enabled can cause the count of the number of random questions to show to be greater than the number of total questions in the Quiz. (141230-1329)

ensurSysAdmin (4)

1. MINOR-CHANGE: Modified the system to automatically create Editor checkout folders on the server. (140922-1298)
2. MINOR-CHANGE: Added a switch to General Settings for disabling network shares for non-authenticated Cloud-based systems. (140922-1299)
3. MINOR-CHANGE: Since the ensur Admin account can now be locked out by 3 invalid login attempts, the ensurUpdate service will now unlock this account after a date change has been detected and it reset the invalid attempt counter for Admin. (150225-1369)
4. ENHANCEMENT: Added the ability to choose multi-factor authentication, in particular for cloud-based installations. (150223-1367)

Version 4.2 SP1, 9-Jan-2015 (56)

ensurCAPA (2)

1. BUG-FIX: Fixed a bug which wouldn't allow approvers to appear on the routing for all CAPA routing lists. Also added the following CAPA To-Do Lists: CAPAs to Analyze, CAPAs to Implement, CAPAs to Accept and CAPAs to Verify. (130809-1173)
2. MINOR-CHANGE: Added the ability to search for CAPA content based on Implementation Due Date. Also added the ability to Batch Export the CAPA data fields; Revision and Implementation Due Date. (130918-1187)

ensurChange (2)

1. BUG-FIX: Fixed bug where Change Orders (CO's) did not work properly when items in them were linked with dynamic dependent links. (140610-1250)
2. BUG-FIX: Fixed bug that resulted in Change Orders and their members not displaying the Draft (Rejected) status. (140827-1288)

ensurDCS (29)

1. BUG-FIX: Added checks to prevent the following types of documents from being made historic when they were still actively being used in the system: Overlays, Form Layouts, Quizzes and Training Events. (120531-993)
2. BUG-FIX: Fixed a bug that continued to display the Folder Location Tree of a previously created document, when creating multiple document revisions simultaneously. (130122-1123)
3. BUG-FIX: Fixed a bug which was resulting in the recipient not populating correctly when editing an existing distribution entry. (130219-1138)
4. BUG-FIX: Fixed a bug that was not respecting the changes an Approver made to the starting page within My Settings. (130228-1141)
5. MINOR-CHANGE: Added a warning pop-up to the folder cascade feature. (130327-1158)
6. MINOR-CHANGE: Audit log will now record if editing of content was, or was not allowed, when a document is submitted for review. (130404-1162)
7. BUG-FIX: Contact Groups now display User count in grid. (130906-1183)

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8. BUG-FIX: Fixed a bug which caused documents to incorrectly inherit dependent static links for Approved parents. (130920-1188)
9. BUG-FIX: Fixed content-routing-app-ext to allow editing of approval routing. (131029-1192)
10. BUG-FIX: Fixed a bug with the "inherit Template parents" checkbox on the Document Replicate page, it was not always enabled when it should have been. Also changed the replicate behavior to only inherit Template parents when the parents are in Draft status only. (140128-1200)
11. BUG-FIX: Fixed a bug which would allow the browser back button to interact with ensur. Now, clicking the browser back button will cause ensur to refresh. (140428-1233)
12. MINOR-CHANGE: Modified the To-Do List Summary page to display the count of Fast Find results returned. (140527-1246)
13. BUG-FIX: When importing into multiple documents, you are now automatically returned to the content explorer after the final import. (140606-1249)
14. BUG-FIX: Fixed a bug where Batch | Change Data | Attributes showed an unneeded Date control for Text attributes. (140617-1254)
15. BUG-FIX: Bug fixed to correct formatting issue with "Return to Content Explorer" icon. (140620-1257)
16. BUG-FIX: Fixed a bug where a User with no status filters would cause system failure. (140620-1259)
17. BUG-FIX: Fixed a bug in ensurPublic where hitting the enter key when using Fast Find would not work. (140624-1260)
18. BUG-FIX: Fixed a bug where selecting Folder | View My Rights, when the root of the ensur folder tree was selected, the "Return to content explorer" was not functioning correctly. (140624-1261)
19. BUG-FIX: Fixed a bug when there was only a C: drive on the web server, the disk monitor feature did not function correctly. (140708-1270)
20. BUG-FIX: Fixed a bug that would incorrectly allow you to cut or copy a folder and paste it into a subfolder of itself. (140724-1279)
21. BUG-FIX: Fixed a bug which caused "Remove from Favorites" to be missing from menu options. (140725-1281)
22. MINOR-CHANGE: Added the ability to change the codes on original revisions of manually coded documents which have more than one revision. (140725-1283)
23. MINOR-CHANGE: Changed formatting of menus to print Content Explorer properly, without overlapping. (140729-1285)
24. BUG-FIX: Fixed a bug that caused "My" Folders to be missing subfolders for Approvers. (140829-1290)
25. BUG-FIX: Fixed a bug that allowed invalid Folder menu options after double-clicking on a folder. (140829-1292)
26. MINOR-CHANGE: Added Content Type descriptions to the Content Type checkbox list. (140903-1294)
27. BUG-FIX: Fixed a bug that caused ensurPublic to display "My" folders and a page size of 25. (141009-1303)
28. MINOR-CHANGE: Added Routing Instructions to the Review and Approve pages. (141030-1310)
29. MINOR-CHANGE: When revising content with a format of "Windows Application", you will now always have the option to Import Original or Published content. Note that the corresponding checkbox MUST be checked for the import to occur. (141208-1324)

ensurDocTraining (3)

1. MINOR-CHANGE: Audit log will now record status changes of roster participants. (130703-1169)
2. MINOR-CHANGE: In ensurDocTraining, fixed a formatting issue with Report: PDF, RTF & XLS. (140625-1262)
3. BUG-FIX: When revising or replicating a document, fixed a bug that wasn't allowing DocTraining to correctly inherit Job Titles. (140828-1289)

ensurForms (4)

1. MINOR-CHANGE: Fixed Form Report indenting. (120427-963)
2. BUG-FIX: Modified the system to prevent the creation of form Layouts when ensurForms is not licensed. (131017-1191)
3. BUG-FIX: Fixed problem where Form Layouts and Overlays were not opening from within container templates (for example, from within Change Orders). (131111-1194)
4. BUG-FIX: Fixed a bug that caused Schedule Periodic Review date error on ensurForms.vb page. (141021-1307)

ensurMail (2)

1. BUG-FIX: Fixed a bug that caused password expiration notifications to be incorrect by one day. (140724-1278)
2. BUG-FIX: Fixed a bug that caused the ADMIN notification group to display the incorrect group, when a group other than ADMIN was selected, and the user selection was "everyone." (140813-1287)

ensurMigrate (3)

1. BUG-FIX: Fixed a bug that did not allow draft documents to be merged into BOM and Binder templates when imported through Migrate. (140721-1272)
2. BUG-FIX: Fixed a bug that caused ensurMigrate to have a connection leak when performing an analysis. (141112-1312)
3. BUG-FIX: Corrected bug in ensurMigrate that resulted in Approval: Completion dates being greater than actual effective dates. (141120-1317).

ensurQuiz (2)

1. BUG-FIX: Fixed an error when attempting to retake a quiz which did not allow multiple retakes. (140625-1263)
2. BUG-FIX: Fixed a bug that resulted in TMS Quiz not appearing on ToDoSummary page when Quiz retake attempt details were left blank. (141205-1322)

ensurSysAdmin (6)

1. MINOR-CHANGE: Altered the system to prevent changing of the Format Type or Template name of a Content Type, if a document has already been created using that Content Type. (120801-1033)
2. BUG-FIX: Fixed issue where Password Date was updated when Batch Exporting under specific conditions. (140224-1207)
3. ENHANCEMENT: Added a new optional alpha numeric field for Employee Number on the user profile page. (140416-1223)
4. BUG-FIX: Changes to the Content Type Format field (Form, Template or Windows Application) are now being audited. (140604-1248)
5. MINOR-CHANGE: Changed terminology of folder-replicate right to read as 'folder-clipboard'. (140724-1280)
6. MINOR-CHANGE: Changed location of Periodic Review on Content Type create/edit page to increase its visibility due to importance. (141205-1321)

ensurTMS (2)

1. BUG-FIX: Fixed bug that caused Session Material page to save incorrect GUID file reference on edit. (140725-1282)
2. BUG-FIX: Fixed a bug which would not allow users to view their quiz results from their TMS Training Record. (141204-1320)

ensurUpdate (1)

1. MINOR-CHANGE: Added link start dates to document log for parent and child. (120731-1027)

Version 4.2 Rel1, 1-July-2014 (6)

ensurDCS (3)

1. BUG FIX: Fixed a bug that caused an error when attempting to copy and paste non-branch folders within the folder tree (140611-1251)
2. BUG FIX: Fixed a bug that caused all document display pages to display an error when a user went from 0 to 1 status filters. (140620-1258)
3. BUG FIX: Fixed a bug which incorrectly allowed an Editor who had the "content-create" right in one of his groups, to be able to create content in any folder in which he had access. (140627-1265)

ensurForms (1)

1. BUG FIX: Fixed a bug that resulted in the formula control being unable to access the values of Components of the type "Numeric: English/Metric (w/Tolerance)". (140617-1253)

ensurPublic (2)

1. BUG FIX: Fixed a bug that caused the ensurPublic folder tree search field to be case sensitive in Oracle deployments only. (1406201255)
2. BUG FIX: Fixed a bug that caused an error in Oracle when attempting to use the public access URL an error was being reported that the "ensurpublic" user is not available. (140612-1252)

Version 4.2 Baseline, 9-June-2014 (341)

ensurAutoPDF (2)

1. BUG FIX: Fixed a bug that caused autoPDF to stop running its process if a password protected file was encountered. (120214-917)
2. BUG FIX: Fixed a bug that would cause AutoPDF to sometimes hang on Word documents while displaying the Save As box. (110825-751)

ensurCAPA (3)

1. BUG-FIX: Fixed a bug that would let you sign a CAR or PAR document when it was checked out in Acceptance status. (120319-943)
2. BUG FIX: Fixed a bug on the coversheet report for CAPA documents. The Implementation section was incorrectly displaying the Verification routing. (110712-731)
3. MINOR CHANGE: Corrected language on the CAPA cover sheet to include the text "This content has no Approval routing" when no Approval routing is defined. (120515-983)

ensurChange (6)

1. BUG FIX: It is no longer possible to configure a content type to use the Change Order template and to have Periodic Review settings configured. (120306-931)
2. BUG FIX: Fixed a bug to add the template table mappings to CO and CR templates. (120501-964)
3. BUG FIX: Fixed a bug that caused CO's not to move to Approved status when content had a quiz. (120606-998)
4. BUG FIX: Fixed a bug in the CO and CR sub report that was causing truncation of text in the right margin. (130311-1148)
5. BUG FIX: Fixed a bug that prevented users from adding CR links to CRs that have advanced beyond Draft. (110729-735)
6. MINOR CHANGE: A CO child would list a missing DEP-STATIC parent twice if Current and Draft versions of the DEP-STATIC parent existed and the parent is not part of the CO. (121119-1109)

ensurDCS (153)

1. ENHANCEMENT: Added a field to all routings to allow for instructions to be entered. These are configurable at the content type or document level and will also be included in the email notifications. (REQ-00001)
2. ENHANCEMENT: Added a multi-generational link report. (REQ-00005)
3. ENHANCEMENT: Added a Help Tips document to the Detailed Search page. (130301-1144)
4. ENHANCEMENT: Replaced all calendar controls with a newer AJAX control. (120410-954)
5. ENHANCEMENT: Repurposed the Refresh option to only refresh the content explorer, leaving the tree unchanged. (REQ-00006)
6. ENHANCEMENT: Added in proper rights for users to assign and remove the Periodic Review settings from Current content. (REQ-00056)
7. ENHANCEMENT: Added a default action by ensur to pre-select any document newly created through a revision or replication action. (REQ-00068)
8. ENHANCEMENT: Added the ability to allow users to add Folders to their Favorites list. (REQ-00137)
9. ENHANCEMENT: Added in rights for users to batch append or replace owners on documents that have advanced beyond Draft. (REQ-00154)
10. ENHANCEMENT: Added a highly visible indicator of "Future Changes" recommended to a document upon revision (REQ-00164)
11. ENHANCEMENT: Added the ability to batch export folder location. (REQ-00166)
12. ENHANCEMENT: Added the ability to allow an Attribute search to return 'No Value.' (REQ-00179)
13. ENHANCEMENT: Added the ability to search across multiple sites. (REQ-00215)
14. ENHANCEMENT: Added the ability to select multiple content types in a detailed search. (REQ-00216)
15. ENHANCEMENT: Added Attributes and values as an option when Batch Exporting Data. (REQ-00217)
16. ENHANCEMENT: Added an option to require a note when content is deleted. (REQ-00220)
17. ENHANCEMENT: Added Future revision information on the Replicate page. (REQ-00235)
18. ENHANCEMENT: Added the ability to configure default action items at the content type level that will be inherited on new, revised or replicated documents. (REQ-00237)
19. ENHANCEMENT: Added the ability to configure the default document routing to Review or Approval and default CAPA routing to Review or Analysis. (REQ-00238)

20. ENHANCEMENT: Added the ability to upload Supporting Material directly to a training record that will also be included in the Training Record Report. (REQ-00250)
21. ENHANCEMENT: Added a status of "Rejected" to Draft documents. Also added the ability to search for Rejected documents, and view this indicator in an Overlay and Properties page. Data is Batch exportable. (REQ-00252)
22. ENHANCEMENT: Added a system check to Action Item assignment that the user has the proper access to content. (REQ-00274)
23. ENHANCEMENT: Created a 'fast approve' feature that consists of automatically 1) placing the logged in user on the routing, 2) submitting the document and 3) marking the document as Approved. (REQ-00278)
24. ENHANCEMENT: Added the ability to enable users with the proper rights to edit their own qualifications on their Training Record. (REQ-00301)
25. ENHANCEMENT: Added the option to users revising or replicating content to use the existing content, inherit content from a previous revision or upload new content. (REQ-00344)
26. ENHANCEMENT: Added the ability to search for folders within the folder navigation tree. The search will display a dynamic folder search results tree in place of the current folder tree. (REQ-00345)
27. ENHANCEMENT: Added the option for a user to "add another" Supporting Material. (REQ-00398)
28. ENHANCEMENT: Added the field "Scheduled Periodic Review Date" to the list of fields in Batch Data Export. (REQ-00423)
29. ENHANCEMENT: Added a blank at the top of the Content Type selection box for new documents. (REQ-00424)
30. ENHANCEMENT: Added the ability to append the default Owner from the Content Type or select one or more Owners when creating a new document. (REQ-00432)
31. ENHANCEMENT: Added the ability to specify more than one code when performing a Detailed Search. (REQ-00447)
32. ENHANCEMENT: Added a new feature called Fast find to allow all users to initiate a new search from any page including the To Do summary. (111206-812)
33. ENHANCEMENT: Added the ability to promote Forms to the latest Current Layout for Incidents, CAPAs and Draft documents. (120314-939)
34. ENHANCEMENT: Added the ability to allow "No Value" to be a valid choice on the Attribute Edit Page. (120515-984)
35. ENHANCEMENT: Added the ability to allow ensur to operate in other browser types to include: Chrome, Firefox and Safari. (120905-1058)
36. ENHANCEMENT: Added the ability to access ensur via a Public Login. This feature will be controlled by a checkbox setting in System Administration. (REQ-00471)
37. ENHANCEMENT: Added the ability to cut, copy and paste folders. (REQ-00473)
38. MINOR CHANGE: Modified the company address of MMS on the Contact Us page to reflect MMS' current business address. (130604-1165)
39. MINOR CHANGE: Added details to PDF Security details in ensurAssist. (110225-674)
40. MINOR CHANGE: Modified the To Do Summary page to display Due Date, Action Type, Code, Rev, Description and Priority to Action Items List. (111028-788)
41. MINOR CHANGE: Modified the message information to a user who has been told they cannot submit a document for Approval, to include where to go next and how to make corrections. (111031-789)
42. MINOR CHANGE: Added Document Title to the Header line on all navigation pages that offer Previous/Next options. (111123-799)
43. MINOR CHANGE: Modified the Supporting Material Add/Edit page to allow users to type a UNC path when using the Link:File option. (111123-801)
44. MINOR CHANGE: Modified the inheritance options on revisions and replications of documents to make training optional. (111130-806)
45. MINOR CHANGE: Added user configuration options for physical load and export folder locations. (111130-807)
46. MINOR CHANGE: Modified the message when clicking on Batch/Load from a search result folder to inform the user that this is not possible without the appropriate rights. (111130-809)
47. MINOR CHANGE: Modified the system behavior to return to Content Explorer after importing a document. (111130-810)
48. MINOR CHANGE: System will automatically preselect the template link type if the parent selected is a BOM, Binder, CR or CO. (111215-814)
49. MINOR CHANGE: Modified the rules of checkout to now register a content access entry that will identify the user as having opened the document, and not requiring the user to open the document again to Mark it as Read. (111220-820)
50. MINOR CHANGE: Modified the display message when creating a new document so that the summary page will now warn the user to check to see that the document layout is compatible with the overlay, when an overlay is in use. (111220-821)
51. MINOR CHANGE: Modified the code to automatically delete the Overlay image when deleting an image from supporting material of an overlay. Even with the content-supporting-material-ext right, the document must now be checked out to the user to delete supporting material. (111220-822)

52. MINOR CHANGE: Modified the low drive indicator to check and monitor both C: and another drive, if your ensur content folders are not on the C: drive. Configurable in System Administration. (120113-846)
53. MINOR CHANGE: Modified the Change Order component rules so they will now inherit all of the signatures applied to the Change Order if the Change Order has no Approval signatures of its own. The document log will reflect that the signatures were inherited. (120119-864)
54. MINOR CHANGE: Modified the folder create and insert pages to warn users they are about to create a folder in which the users group does not have the appropriate access rights. (120125-874)
55. MINOR CHANGE: Added the ability for an autocode phrase to begin with leading spaces or end with trailing spaces. (120202-896)
56. MINOR CHANGE: Modified the menu choices in Tools | My Settings | My Explorer to only display the status values the user has the rights for and which pertain to the folder's product type. (120202-897)
57. MINOR CHANGE: Modified the Detailed Search for Logical Attributes to allow "no Value" to be a valid selection. (120207-905)
58. MINOR CHANGE: Added the message that you have required attributes for Revisions and Replicated documents. Previously the system only informed the user on New documents of a Content Type that had required Attributes. (120209-914)
59. MINOR CHANGE: Modified the error message when creating a document using autocode and the calculated code was more than 50 characters with a user supplied prefix or suffix. Now it tells you that the calculated code exceeds 50 characters." (120223-924)
60. MINOR CHANGE: Added the ability to import documents while a document is In Review, if the System Administration box is enabled. (120307-933)
61. MINOR CHANGE: Added a message that prompts the user that they are about to "undo a checkout" to make sure the user wants to confirm the action and didn't make a mistake by selecting that option. (120314-940)
62. MINOR CHANGE: Enlarged the entry box for Keywords on both the regular Keyword page and the Batch Keyword page. (120326-947)
63. MINOR CHANGE: Modified the ensur date controls to prevent potential misalignment with AJAX controls. (120410-954)
64. MINOR CHANGE: Added the ability to allow prefixes and suffixes to have leading or trailing spaces when creating or replicating documents that use autocode. (120417-956)
65. MINOR CHANGE: Added folder location to the summary screen when a document is replicated or revised. (120420-958)
66. MINOR CHANGE: Added the ability for Approvers to Batch set action items and notes. (120503-969)
67. MINOR CHANGE: Added the ability for Viewers to Batch set action items and notes. (120503-970)
68. MINOR CHANGE: Modified the length of an Active Domain password to not have a maximum length. (120604-994)
69. MINOR CHANGE: Modified the replicate page to inherit the dropdown list from any previous revision. (120719-1020)
70. MINOR CHANGE: Added the ability for a user to see all of the Draft content that the user created from your ToDo | Content | Created | Draft Status folder, even if you created the content in a folder where you do not have the "view-drafft" right. (120727-1025)
71. MINOR CHANGE: Modified the Content to Read folder and the To Do Summary Page Content to Read List to show all Approved and Current documents where the user is on the roster as Required or Deferred and has not yet Marked as Read. (120727-1026)
72. MINOR CHANGE: Modified the log in logic to prevent a user without any group associations from logging in and prompts the user to contact their System Administrator. (120801-1030)
73. MINOR CHANGE: Modified the error message when a user is revising or replicating a document using a template and selects a document type other than a template, that it is not allowed. (120801-1034)
74. MINOR CHANGE: Modified ensur to remove all trailing blanks from Titles. (120806-1036)
75. MINOR CHANGE: Modified the New Document display to show only Title and Content Type. Once a Content Type is selected, display the remaining document setup options. (120828-1048)
76. MINOR CHANGE: Modified the location of the successful creation message for Action Items to the bottom of the page. (120828-1049)
77. MINOR CHANGE: Disabled the Inherit Orig checkbox and the inherit Orig dropdown when revising a document that has a Pub version, no Orig, no previous revisions and the Content Type has no template. (120831-1053)
78. MINOR CHANGE: Added an entry to the document log when a user accesses Supporting Material. (120910-1059)
79. MINOR CHANGE: When editing a routing in Draft Status clear the signature and date fields by clicking OK. (120914-1063)
80. MINOR CHANGE: Increased the maximum character limit of a password on the login screen to 200 characters. (120918-1066)
81. MINOR CHANGE: Modified the UI message section of the New Document Created page to be in a consistent location for New documents, Revisions and Replicated documents. (120918-1070)
82. MINOR CHANGE: Modified the Action Item page to allow for carriage returns in the Action Item Description field. (120924-1082)

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83. MINOR CHANGE: Modified the message when adding Action Items in a batch (before the user clicks the Assign Action Item button) to indicate that the Action Items are queued to be added. (121016-1087)
84. MINOR CHANGE: When either the Title or Description of a supporting material is modified, the log entry will now contain both the old Title - Description and the new Title - Description. (121016-1088)
85. MINOR CHANGE: Modified the controls for the Toolbar to enable coupling and dropdowns in the Toolbar. (130130-1127)
86. MINOR CHANGE: Added qualifiers to Code criteria to allow users more granular searching for Codes by using Exact, Begins with or Contains. (130301-1143)
87. MINOR CHANGE: Added a search tips link on the Detailed Search page that provide assistance to a user for search criteria. (130301-1144)
88. MINOR CHANGE: Modified the menus to work with multiple browsers, support fixed position while scrolling and pull out submenus. (131224-1195)
89. MINOR CHANGE: Added logic to prevent recording an event log error when a user "double clicks" the Delete button when deleting a Draft document. (100105-492)
90. MINOR CHANGE: Removed the expiration date field from the edit effective date dialog. (100119-495)
91. MINOR CHANGE: Added logic to add the folder to the document log when a document is replicated. (100405-539)
92. MINOR CHANGE: Added a clear link to Date Attributes that are not marked as required. (100726-585)
93. MINOR CHANGE: Added audit log message when supporting material is modified. Also update log message to include Title - Description when supporting material is added or deleted. (101112-609)
94. MINOR CHANGE: Made a change to the User Interface to not stop on confirmation page if the operation was successful. (101210-613)
95. MINOR CHANGE: Added Scheduled Periodic Review date to the list of fields available for batch data export. (101214-615)
96. MINOR CHANGE: Added the ability for a user to import new content or use the Content Type Template when a document is still in Draft status. (110201-656)
97. MINOR CHANGE: added the ability for a user to import new content or use the Content Type Template when revising or replicating a document that is still in Approved or Current status. (110201-657)
98. MINOR CHANGE: The default behavior for new user explorer settings will now show the Type column in the ensur explorer window. (110304-682)
99. MINOR CHANGE: Added the ability to perform a partial batch data export for a user that does not have the batch-export-data right for all documents in the batch. The system will only export the documents for which the user has the right. (110321-689)
100. MINOR CHANGE: Increased the size of the scrolling region on the Detailed Search Template Criteria Page so that more fields are visible when maximized. (110915-755)
101. MINOR CHANGE: Added a check for invalid characters to document titles that prevented checkout and original file downloads. (110928-762)
102. MINOR CHANGE: Modified Content Explorer to allow Approvers to see routing tables in view only mode. (111017-771)
103. MINOR CHANGE: Modified link codes and link descriptions to indicate dependent-static, dependent-dynamic or referential behavior. Link codes will now include an "S" suffix to indicate Dependent-Static, "DY" to indicate Dependent-Dynamic or "R" to indicate Referential. (130117-1120)
104. MINOR CHANGE: Viewers are no longer able to create incidents in release 4.2. This functionality will be added back in a future release. (140418-1226)
105. BUG FIX: Modified the Batch Data Export tool to accommodate multiple revisions of a form layout. (111021-779)
106. BUG FIX: Fixed an issue in the BOM, Binder, Change Order and Change Request that was preventing component editing and Component deleting from being available when the document was checked out in the In-Review status. (111024-780)
107. BUG FIX: Fixed a bug that disabled the Export button on the Batch Export configuration page when hyperlink is configured to lock revision level and expiration date. (111214-813)
108. BUG FIX: Fixed a bug in the grid view display to recognize CR's. (120109-839)
109. BUG FIX: Fixed a bug with certain searches and special purpose folders (for example Favorites) where documents were being displayed that the user did not have the appropriate view right for in any of the folders where the document resides. (120113-845)
110. BUG FIX: Fixed a bug that caused content inheritance selections to not operate properly when a revised or replicated document didn't match the source document. (120117-849)
111. BUG FIX: Fixed a bug where certain special purpose folders (for example Favorites) were showing documents that the user no longer had the appropriate view right for in any of the folders where the document resides. (120207-904)
112. BUG FIX: Fixed a bug with new template based content records that didn't allow updates to the Comments field unless the template was first opened. (120207-906)
113. BUG FIX: Fixed a bug to the Content Type report so that it properly displays the appropriate text under "delete review renditions upon Current." (120228-926)

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- 114. BUG FIX: Fixed a bug to accelerate the speed of a search for Attributes in the detailed search page. (120315-942)
- 115. BUG FIX: Fixed a bug that did not allow the last document in a selected list to close properly. (120409-951)
- 116. BUG FIX: Fixed a bug in checkout logic that will now allow a checkout to complete if one or more of the source content files are missing. The user will be informed of the problem in the checkout summary screen. (120426-962)
- 117. BUG FIX: Fixed a bug to AutoCode logic that caused a blank code to be created if either "<" or ">" characters were in the Prefix or Suffix. (120501-965)
- 118. BUG FIX: Fixed a bug that allowed users without access to one or more of the components of the BOM to still print a BOM report. The fix will now inform the user appropriately. (120515-985)
- 119. BUG FIX: Fixed a bug to the folder tree allowing it to properly refresh when cascading a change to a folder branch. (120731-1029)
- 120. BUG FIX: Fixed a bug that inherited the original overlay image when revising or replicating an overlay. (120815-1042)
- 121. BUG FIX: Fixed a bug with document renditions that would bring up the Orig version of a document if the PUB content was missing. (120824-1046)
- 122. BUG FIX: Fixed a bug where a CO member with no routing was inheriting routing from the CO parent, the parent routing groups must provide view access to the CO members. (121119-1108)
- 123. BUG FIX: Fixed a bug that would sometimes cause the wrong document to be inherited when revising or replicating a document if the IE back button is clicked when multiple documents are selected. (121121-1112)
- 124. BUG FIX: Fixed a bug that would cause field values to be shifted one column to the left of the Field Headings when batch exporting Incident data. (130121-1121)
- 125. BUG FIX: Fixed a bug that would cause the Mark as Reviewed and Approve/Reject buttons to remain selected after returning to "My Settings." (130131-1130)
- 126. BUG FIX: Fixed a bug that would cause an error when inserting a deleted document into the Deleted Document Log. (130826-1178)
- 127. BUG FIX: Fixed a bug to the multi-content type checkbox filter that was not filtering by folder product type. (130905-1181)
- 128. BUG FIX: Fixed a bug to Batch Routing that was not respecting EXT rights for locked routing entries. (130913-1186)
- 129. BUG FIX: Fixed a bug that would allow a user to access content that the user did not have the proper access to view. (140113-1196)
- 130. BUG FIX: Fixed a bug where when saving a Detailed search with a unique name it would cause the search type to appear as a Simple search upon delete. (140113-1197)
- 131. BUG FIX: Fixed a bug that caused Preselect to ignore minor document changes of Font case only. (100311-529)
- 132. BUG FIX: Fixed a bug to include Branch folders in a replicated folder structure. (100414-546)
- 133. BUG FIX: Fixed a bug in Viewer users settings to include setting a preferred Start Folder, Favorites list and Recent list. (100628-569)
- 134. BUG FIX: Fixed a bug to clear the pending reason on Approved or expired documents that have been superceded by a newer version of the document that has gone Current. (100802-586)
- 135. BUG FIX: Fixed a bug that failed to save attribute names > 25 characters and values >55 characters. (100804-588)
- 136. BUG FIX: Fixed a bug to disable the content-routing-implementation-ext-right from group rights when ensurCAPA is not licensed. (100915-595)
- 137. BUG FIX: Fixed a bug in the Quizzes to take section of the To Do List Summary to use assessment intent instead of Assessment Values. (101020-605)
- 138. BUG FIX: Fixed a bug to ignore the view-draft right when the view-sub-approval right is part of their security rights when submitting a document for Approval. (101027-607)
- 139. BUG FIX: Fixed a bug to no longer disallow .xx as a valid revision. (110105-628)
- 140. BUG FIX: Fixed a bug that will now add a replicated document to a user's Recent folder. (110323-698)
- 141. BUG FIX: Fixed a bug that will now allow a user to import a .doc over an existing .docx file. This has also been fixed for other MS Office file types with 4 character extensions. (110330-704)
- 142. BUG FIX: Fixed a bug that truncated descriptions longer than 2000 characters. System now displays a message to give the user an option to shorten the message. (110407-712)
- 143. BUG FIX: Fixed a bug that excluded components from a container if the user's group did not have the correct view rights. System will now display a "no access" message if the user does not have the proper rights. (110524-722)
- 144. BUG FIX: Fixed a bug to folder security that could cause an editing problem if a user pressed the browser back button while editing multiple folders at the same time. (110803-740)
- 145. BUG FIX: Fixed a bug to Picklists functionality if they were renamed after being used. (110803-741)
- 146. BUG FIX: Fixed a bug that corrected the labeling of 2 search screens for templates when values were defined as decimals. (110809-742)
- 147. BUG FIX: Fixed a bug to automatically remove spaces from titles that were causing report errors. (110818-744)
- 148. BUG FIX: Fixed a bug that did not clear the Approval Due Date and Scheduled Effective Date on documents that are Rejected. (110915-756)
- 149. BUG FIX: Fixed a bug that allowed an Action Item to be saved if the Action type was blank. (110928-761)

- 150. BUG FIX: Fixed a bug that incorrectly reported link counts if the same template was used for multiple template types. (111012-766)
- 151. BUG FIX: Fixed a bug in Batch Data Export that was accumulating names when exporting the reviewer list. (111013-768)
- 152. MINOR CHANGE: To improve cross-browser compatibility, direct access to the Checkout folder in both Chrome and Firefox has been replaced with links to Import/Export document. (140430-1236)
- 153. MINOR CHANGE: To prevent unexpected behavior, clicking the browser's back button refreshes both sides of the ensur window. (140501-1237)

ensurDocTraining (9)

- 1. ENHANCEMENT: Added the ability to allow users to generate an ensur Document Training Report. (REQ-00003)
- 2. ENHANCEMENT: Added the ability for users to specify a training due date. (REQ-00297)
- 3. ENHANCEMENT: Added the ability to assign Job Titles to documents in the Doc Training module. The system will dynamically add or remove users from the training roster based on their existing or changed Job Title. Job Titles are also added to the Document Training Report. (REQ-00319)
- 4. ENHANCEMENT: Added a report that lists document training records for all versions of a document. (REQ-00401)
- 5. ENHANCEMENT: Added the present status of a document in user training records. (REQ-00406)
- 6. ENHANCEMENT: Added the ability to add a user to a document training roster for retraining purposes. Show a code/rev combination if the user was trained multiple times. (REQ-00415)
- 7. MINOR CHANGE: Added the ability for a user to enter a document Code in the Doc Training Analysis Report. (120517-987)
- 8. MINOR CHANGE: Modified the Doc Training Analysis Report to remove the Req column. (120517-988)
- 9. BUG FIX: Modified the Doc Training behavior for a revised or replicated document which has inherited a quiz code and doc_ID from the source document. (121129-1116)

ensurFind (3)

- 1. BUG FIX: Fixed a bug in ensurFind that was not indexing certain .xlsx Excel files. (140127-1199)
- 2. BUG FIX: Fixed a bug in the Log File link portion of the ensurFind setup page to refresh properly when the Refresh button is clicked. (100421-550)
- 3. BUG FIX: Fixed a bug to ensurFind which removed the start date from the summary screen and the ensurFind page before it had been run. (110304-681)

ensurForms (23)

- 1. ENHANCEMENT: For each Form Component in which a user can enter/select a value, the system shall allow a configurable option to indicate the value must be specified prior to allowing the Form to be submitted for review or approval. (REQ-00015)
- 2. ENHANCEMENT: ensurForms: components may be created by cloning an existing Component and allowing properties to be modified. (REQ-00040)
- 3. ENHANCEMENT: ensurForms: Added the ability to suppress blank fields on a report. (REQ-00097)
- 4. ENHANCEMENT: ensurForms: Added ability for the user to configure the number of digits to the right of the decimal point for value and tolerance on metric/English conversions. (REQ-00105)
- 5. ENHANCEMENT: ensurForms: Added rounding on numeric form components needed to meet the field max length constraints. (REQ-00304)
- 6. ENHANCEMENT: ensurForms: added a Formula builder UI component that will convert a numeric value using a configurable mathematical formula. (REQ-00151)
- 7. MINOR CHANGE: Modified ensurForms to include pick list values in layout import and export routines. (111025-783)
- 8. MINOR CHANGE: Modified layout export/import process to include Pick List values. (111129-805)
- 9. MINOR CHANGE: Modified the form save message to a page level to remove the need to click the OK button. (120220-920)
- 10. MINOR CHANGE: Added an option on the form Layout Designer to list all documents using the selected layout. (120417-957)
- 11. MINOR CHANGE: Added a warning to the user when submitting form content if a newer version of the layout is available. (120423-961)
- 12. MINOR CHANGE: Improved precision when converting Metric to English lengths. (130328-1159)
- 13. MINOR CHANGE: Fixing a sorting problem on the Form component search page. (100524-560)
- 14. MINOR CHANGE: Modified the message when the max length of a Numeric component was exceeded. (100721-584)
- 15. BUG FIX: Fixed a bug to remove a popup alert in ensurForms when the user clicked Discard and Close. (111130-808)

16. BUG FIX: Fixed a bug that was causing the Save button to not be enabled when editing conversion fields on a form. (120127-883)
17. BUG FIX: Fixed a bug with text components in ensurForms and ensurMigrate to allow spaces. (120208-907)
18. BUG FIX: Fixed a bug that would cause an error to display if the user tried to add an empty component to a form. (120223-921)
19. BUG FIX: Fixed a bug that would return no results when searching on form values in English/Metric converter components if the user was searching for an exact match of a number that contained more than 10 numbers to the right of the decimal point. (120913-1062)
20. BUG FIX: Fixed a bug that was causing the user to not be able to search for metric form values in form components with english and metric values. (120914-1064)
21. BUG FIX: Fixed a bug in the Forms Compare module to ignore case sensitivity when comparing forms. (091106-475)
22. BUG FIX: Fixed a bug to remove an error causing the cancelling of the addition of supporting materials to a Form. (110111-640)
23. BUG FIX: Fixed a bug to form components numbering when a middle component is deleted that caused a misnumbering. (110331-706)

ensurHyperlink (8)

1. ENHANCEMENT: Added configuration options on the Hyperlink page to toggle the display of link details between secure and public. (REQ-00271)
2. ENHANCEMENT: Added 3 configurable options for automatically launching downloads on the Hyperlink configuration page. (REQ-00272)
3. MINOR CHANGE: Suppressed the Revision Level and Expire button for Static links on CAPAs and Incidents. (121016-1090)
4. MINOR CHANGE: Modified the Link expiration options on hyperlink so that dynamic links can expire if the document becomes obsolete. (110819-745)
5. BUG FIX: Fixed a bug that was causing hyperlinks on closed incidents to not show the Orig or Pub links. (120627-1005)
6. BUG FIX: Fixed a bug that would not display a document if a dynamic hyperlink was created to show 'on Approved' or 'on Current' when the document itself was Historic or Archived. (120716-1018)
7. BUG FIX: Fixed a bug that was causing an error with Hyperlinks on documents beyond Draft. (140128-1201)
8. BUG FIX: Fixed a bug where ensurUpdate was deciding if it could make a document Current it will no longer consider Dep-static child links created after a document was Approved when determining if all of the Dep-static offspring are Approved or Current. (140219-1205)

ensurMail (26)

1. ENHANCEMENT: ensur will notify a user if their password is about to expire. This is configurable in System Administration. (REQ-00050)
2. ENHANCEMENT: Added the ability to identify an internal Admin contact for ensur support. This is configurable in General Settings and will appear on the log in page. (REQ-00210)
3. ENHANCEMENT: Added a line in emails that users are receiving via proxy to notify them who they are receiving it in place of. (REQ-00384)
4. ENHANCEMENT: Added a new email notification that will notify a specified recipient if the 'no licenses available' message has been received by a user. (REQ-00430)
5. MINOR CHANGE: Removed an unused {NOTE} tag from the following default email notifications: 'Owners: Notify when verification is complete', 'Reviewers: Notify when content is withdrawn', 'Approvers: Notify approvers when content is submitted for approval'. (120110-844)
6. MINOR CHANGE: Modified the ensurMail settings page so that the SMTP Password" textbox does not display the actual password characters on the user interface." (120713-1016)
7. MINOR CHANGE: Altered the way ensurMail deletes email history, allowing it to purge small chunks of email each time it is run to avoid consuming too much of the web server resources at any one time. (120725-1022)
8. MINOR CHANGE: ensurDCS email notifications were pointing to the email history table. When the email history was trimmed, it would also delete from the document notifications list. (120803-1035)
9. MINOR CHANGE: Modified Action Item email subjects to append document Code, Rev to the end of default and existing Action Item email subjects. (120904-1056)
10. MINOR CHANGE: Extended size of Info Icon log from 2000 characters to 2 GB to fully accommodate bundled message details. (120904-1057)
11. MINOR CHANGE: Added an entry to the Document | Notifications log to now record if a notification is sent with an attachment. (120921-1079)
12. MINOR CHANGE: Modified email messages and appended "ensur: " to the beginning of both the default and the actual subjects of any notifications that did not begin with 'ensur:' (120921-1081)

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13. MINOR CHANGE: Modified the distribution attachment name so it no longer contains additional characters at the end of the filename. (120926-1083)
14. MINOR CHANGE: Changed periodic review notices to not be sent to inactive users: (100625-567)
15. MINOR CHANGE: Added attachments to emails that are resent. (111013-769)
16. BUG FIX: Fixed a bug to respect Carriage Returns in the HTML Bodies of email notifications that have the ability to have multiple lines. Action items comments are no longer truncated to 50 characters in an email body. (120109-840)
17. BUG FIX: Fixed a bug that was sending Reminder messages for CAPA analysis to Approvers instead of Analyzers.: (120321-945)
18. BUG FIX: Fixed a bug that would generate an error message if there were any Carriage Returns in the Action Item Description. The Action Item Description now replaces Carriage Returns with spaces when used in the subject. (120406-950)
19. BUG FIX: Fixed a bug that was causing intermediate files to be left in the root of the ensurContent/Attach/ folder. These intermediate files are now deleted after copying them to the users sub folder. (120816-1043)
20. BUG FIX: Fixed a bug in ensurMail where The {TYPENAME} keyword that can be used in email messages was reporting the document format (Windows Content, Form or Template) instead of the short content type name. (120919-1074)
21. BUG FIX: Fixed a bug that could cause timeouts for large email queue tables: (130827-1180)
22. BUG FIX: Fixed a bug that caused emails not to be sent if CR and LF characters were in the Action Item Description: (100621-564)
23. BUG FIX: Fixed a bug to notify all proxies of a user if the user has multiple proxies: (101110-608)
24. BUG FIX: Fixed a bug in email metadata that truncated an HTML message if a "<" or ">" character was in the data. (110627-727)
25. BUG FIX: Fixed a bug in ensurMail to enable the sending of overdue required reading notices for content that is Current and the Compliance level is set to <100%. (110819-746)
26. BUG FIX: Fixed a bug in ensurMail to stop queuing document status summary email subscriptions if ensurMail is disabled. (110801-737)

ensurMigrate (25)

1. ENHANCEMENT: Migrate shall allow folders and folder security to be imported. (REQ-00150)
2. MINOR CHANGE: Enumerated all warnings for traceability purposes. (120116-847)
3. MINOR CHANGE: Modified the Supporting Material page to allow users to upload a newer version of a file without having to delete and/or recreate the entry. (120206-902)
4. MINOR CHANGE: Added "n/a" automatically if previous revision is blank in content.txt file. (120208-908)
5. MINOR CHANGE: Added a new rule to prevent the loading of zero byte Orig or Pub files. (120208-910)
6. MINOR CHANGE: Modified the analysis phase of ensurMigrate to confirm that Owners have an Editor role in addition to the content-owner-right. (120209-912)
7. MINOR CHANGE: Modified the rules when both an Orig and Pub content exist ensur will confirm that the PDF has a created date newer than the Orig. (120209-913)
8. MINOR CHANGE: Implemented a message that will display to the user if one of the required .txt files is absent from the Load folder. (120313-938)
9. MINOR CHANGE: Added a link to the user's Load folder from the ensurMigrate page. (120508-974)
10. MINOR CHANGE: Added a new rule to prevent the loading of a record where the code already exists in ensur but has a different Content Type. (120508-975)
11. MINOR CHANGE: Modified the warning message text if multiple revisions are detected in content.txt to reorder the revisions from oldest to newest. (120510-976)
12. MINOR CHANGE: Modified the warning message if the Schema.ini file is out of date. (120510-977)
13. MINOR CHANGE: Modified the popup text message when the user is about to create a new Schema.ini file. (120510-978)
14. MINOR CHANGE: Added numbers to 2 warning messages. (120510-979)
15. MINOR CHANGE: Added new rule to prevent migration if Authentication Type is Active Directory and the specified Domain is ensur. (120806-1038)
16. MINOR CHANGE: Changed the default password for a new user with local ensur authentication to "password". (120806-1039)
17. MINOR CHANGE: Added a new field to ensurMigrate to allow for and include Future Changes. (110201-655)
18. MINOR CHANGE: Made a change to the user's My Settings page when the user is created through ensurMigrate to show document status values. (110304-683)
19. MINOR CHANGE: Added a new rule in ensur Migrate to check for duplicate related content. (110921-758)
20. BUG FIX: Fixed an bug in ensurMigrate that was not warning users when they were attempting to migrate content to an inactive content type. (120126-881)
21. BUG FIX: Fixed a bug that would crash the file load if a username was listed more than once in users.txt. (120127-886)

22. BUG FIX: Fixed a bug that was causing an error in a load and not catching in Analysis a users incorrect current folder. (120206-901)
23. BUG FIX: Fixed a circular relationship bug when importing BOM documents. If you were importing 2 BOMs, where BOM A contains BOM B and BOM B contains BOM B as a child of itself, when processing BOM A an infinite loop would result. (120312-935)
24. BUG FIX: Fixed a bug causing the user to see the following (incorrect) PROBLEM message in the log file: 'Submit Approval Date specified without a valid Created Date' when an invalid create date was specified. (120807-1041)
25. BUG FIX: Fixed a bug to allow ensurMigrate to accept the Approver role. (140226-1208)

ensurAutoPDF (8)

1. ENHANCEMENT: Overlay boxes shall support white line boxes. (REQ-00048)
2. ENHANCEMENT: Added the ability to enter a content type description field in addition to the long description field in Overlays. (REQ-00183)
3. ENHANCEMENT: Added a Reviewer table as an Overlay field option similar to the already implemented Approver table. (REQ-00443)
4. MINOR CHANGE: Updated ensurPDF overlay drivers to latest version (7.0). (120904-1055)
5. MINOR CHANGE: Added Center and Right alignment options for Text, Attributes, Fields and Prompts in Overlays. (110119-643)
6. MINOR CHANGE: Modified the description of trn-session-assessment-view to include the text, "Requires at least trn-session-view." (111019-775)
7. MINOR CHANGE: Added units of "Months" to the rendered value of the Periodic Review Interval metadata field in the Overlay Designer. (111019-776)
8. BUG FIX: Fixed a bug that could potentially allow Overlay data to bleed on to a second overlay if both were open at the same time. (110802-738)

ensurPublish (18)

1. ENHANCEMENT: Added a log in System Administration under ensurPublish that will display a log of the files that are currently published. (REQ-00448)
2. ENHANCEMENT: Added settings and indicators in ensurPublish to identify: Service, Folder Status and Path. (REQ-00449)
3. ENHANCEMENT: Added conflict management to ensurPublish to report conflicts of the same document published from more than one folder to the same path with different naming formats. (REQ-00450)
4. ENHANCEMENT: Added setup options and indicators including: Allow content to be published, version, last run, folders to republish, publish interval, publishing conflicts, publish Help, errors in last run and log message level. (REQ-00451)
5. ENHANCEMENT: Added error handling to ensurPublish daily log file to provide information to identify and remedy errors. (REQ-00452)
6. ENHANCEMENT: Added Operational Requirements to ensurPublish to prevent conflicts (REQ-00453)
7. MINOR CHANGE: Enhanced the ensurPublish setup page to include the following new features: a) added a checkbox to Republish All folders that are configured for publishing b) added a selectable message detail level for the Log file c) added a display of the number of conflicts d) added a count of how many folders are being republished. (111031-793)
8. MINOR CHANGE: Implemented pagination with a page size of 100 records for the ensurPublish log UI to help manage viewing a large publish queue. (111031-794)
9. MINOR CHANGE: Corrected when a document is manually made historic and 'keep only the latest revision' is the publishing method the published version of the expired document will be deleted. (120217-919)
10. MINOR CHANGE: When a folder is republished and publishing mode is "Keep all revisions", the older revisions will also now get republished (even if the older revisions are not in the folder being republished). (120507-973)
11. BUG FIX: Fixed a bug that was causing republish to fail in deleting the previous published version if the title changed but the version did not. (120308-934)
12. BUG FIX: Fixed a bug where if the same file existed in more than one folder that was being published, and the publish mode was set to 'Keep only the latest revision' only one folder ended up with the new copy instead of all. (120322-946)
13. BUG FIX: Fixed a bug which was causing republishing from all host folders rather than just the chosen folder. (120503-971)
14. BUG FIX: Fixed a bug in ensurPublish that would sometimes leave old versions of documents in a folder where the publish mode was set to keep the latest revision only. (120504-972)
15. BUG FIX: Fixed the message text in DocLog entries for documents that are "unpublished" to add the location and reason. (120621-1003)

16. BUG FIX: Fixed a bug that would not properly handle the publishing of a document if the folder setting options were modified. (120628-1006)
17. BUG FIX: Fixed a bug that will allow a user to publish the same document from more than one folder and keep only the latest published version of the document. (100712-576)
18. BUG FIX: Fixed a bug where ensurPublish would keep trying to republish all current documents in a folder if that folder had never been updated after it was initially created. (111110-797)

ensurQuiz (11)

1. ENHANCEMENT: ensur shall allow users and anyone with access to other users training records to view quiz attempt details. (REQ-00031)
2. ENHANCEMENT: Added the ability for users with the proper rights to assign quizzes to documents beyond Draft status. (REQ-00293)
3. BUG FIX: Fixed a bug that would not allow a user 10 attempts at a quiz even if that was the setting. (120320-944)
4. BUG FIX: Fixed a bug that would incorrectly keep you from finishing a quiz if you left the quiz. (120329-948)
5. BUG FIX: Fixed a bug that was miscalculating the number of questions for a passing grade less than 100%. (120521-989)
6. BUG FIX: Fixed a bug that would only display 15 quiz occurrences. (120604-995)
7. BUG FIX: Fixed a bug that allowed for answers to bleed through to another question if they were exactly the same answer text. (120920-1076)
8. BUG FIX: Fixed a bug that prevented a Quiz from being an option in a Session if the Quiz template's general page was never initialized. (120921-1080)
9. BUG FIX: Fixed a bug that caused the In-Progress counter of a quiz to incorrectly report "0" participants for Document Training quiz occurrences. (121112-1105)
10. BUG FIX: Fixed a bug causing a quiz not to be recognized when it was added to a Current document for document training. The user would not be given the opportunity to take the quiz when they marked the document as read. Now the user will have to pass the latest Current revision of the quiz. (131106-1193)
11. BUG FIX: Fixed a bug with quizzes with randomization turned on, which would clear other changes made to the quiz. Changes are now saved on other pages. (110331-705)

ensurReport (4)

1. MINOR CHANGE: Modified the report Add/Edit page to accomodate subreport files. (111027-787)
2. MINOR CHANGE: Reworded the error message when Report parameters are missing. (120723-1021)
3. BUG FIX: Fixed a bug causing duplicate filename extensions when saving reports. (111027-786)
4. BUG FIX: Fixed a bug that caused ad-hoc reports not to work if there was no Report log uploaded in system admin. (120903-1054)

ensurSysAdmin (17)

1. ENHANCEMENT: Added system audit functionality to edit all changes made to selected objects in the System Administration module. (REQ-00104)
2. ENHANCEMENT: Added an Action Item Report in System Administration. (REQ-00187)
3. ENHANCEMENT: Added the ability to add a Distribution for "On Create" on the Content Type page. (REQ-00236)
4. ENHANCEMENT: Added 18 node rights to admin and removed the admin-system right. (REQ-00266)
5. ENHANCEMENT: Added the ability to configure link inheritance default settings at the Content Type level when revising or replicating document or training content. (REQ-00405)
6. MINOR CHANGE: Modified the System Admin | User page to reset the invalid login attempt counter when changing a user's password or clearing the locked flag. (111024-781)
7. MINOR CHANGE: Modified the text on the UI Stats page to read Renditions instead of Change Review Renditions. (120405-949)
8. MINOR CHANGE: Removed the Add-Ons parent branch on the System Admin page. Located all Add-Ons to be at the root level. (120702-1009)
9. MINOR CHANGE: Added sort options to the System Admin Training Record report to be similar to the regular training record report. (120712-1014)
10. MINOR CHANGE: Enhanced the System Admin statistics page to exclude inactive accounts. (100607-563)
11. MINOR CHANGE: Modified the Content Type report to include document training details and roster details when training is enabled. (101020-604)
12. MINOR CHANGE: Added the editor paths to the user report in system administration. (110418-715)
13. MINOR CHANGE: Added the Require Rev History field to the Content type report: (110926-759)
14. MINOR CHANGE: Added Overlay security settings to the Content Type report when overlays are enabled. (110926-760)

15. BUG FIX: Fixed a bug when the user selects Form or Template that was displaying "false" and not showing the Form Layout or Templated selected. (120515-982)
16. BUG FIX: Fixed a bug that previously allowed the Next Number field in Autocode to only allow integers. (100505-554)
17. BUG FIX: Corrected Statistics page to now calculate renditions. (110111-639)

ensurTMS (16)

1. MINOR CHANGE: Modified the alignment of text in My Training Record and System Administration. Also removed the REQ column from the TMS section and Report. (120921-1077)
2. MINOR CHANGE: Modified Session creation to allow a user to create a Training Event Session with a date prior to the current date. (120517-986)
3. MINOR CHANGE: Modified the Training record to print a header row on all pages beyond the first page. (120712-1015)
4. MINOR CHANGE: Modified the expiration check box to read only if 'Ongoing' is selected. (120716-1019)
5. MINOR CHANGE: Modified the TMS Session page to allow a user to edit a Closed or Cancelled session, with the exception of the Status field. (120830-1051)
6. MINOR CHANGE: Added quiz and related content information to the Training Event Report. (120918-1067)
7. MINOR CHANGE: Modified the notification to users so they are no longer notified by email if they are enrolled, withdrawn or deleted from a session that is obsolete. (121016-1089)
8. MINOR CHANGE: Modified Supporting Material Image upload to reject file types that are not .jpeg, .jpg, .bmp, .tiff, .tif, .gif, .emf or .png. (130402-1160)
9. MINOR CHANGE: Added a new status for session participants called Exempt. This status will be excluded from the Gap Report. After the session has expired, the user will become a Gap if not already listed as Passed on a new session. (130520-1164)
10. MINOR CHANGE: Modified the description of trn-session-assessment-view to include the text, "Requires at least trn-session-view.": (111019-773)
11. BUG FIX: Fixed a bug that showed Recurring unavailable sessions as being Open. (120103-833)
12. BUG FIX: Fixed a bug that showed duplicate job titles in the TMS Gap Analysis report. (120608-999)
13. BUG FIX: Fixed a bug that excluded 'Cancelled' or 'Withdrawn from' sessions in the Report. (120703-1011)
14. BUG FIX: Fixed a bug that was causing the training record report to take a long time to display if there are a large number of records in their training record. (130211-1132)
15. BUG FIX: Fixed a bug that allowed inactive Job Titles to be assigned to a user. (130708-1170)
16. BUG FIX: Fixed a bug with the autocalculation of the Training Expiration date when changes are made to the start date. (110322-691)

ensurUpdate (12)

1. MINOR CHANGE: Added a document log record to the parent and child content when the end date of a link is set by ensurUpdate due to one of the documents going historic. (111220-817)
2. MINOR CHANGE: Modified the log file message when a document moves from Approved status directly to Historic status. The entry now states "Made Historic from Approved status due to newer revision becoming Current." (120423-960)
3. MINOR CHANGE: Modified the link end date to 1 second after the containers end date, archiving the same result with a more reasonable link end date. (120731-1028)
4. MINOR CHANGE: Removed unused Service States from Add-ons | Document Workflow screen. (100716-582)
5. BUG FIX: Fixed a bug that allowed a document to be moved to Approved without an Approval Date if the final user on the Approval routing became inactive. (120123-869)
6. BUG FIX: Fixed a bug where ensurUpdate could get stuck in a loop when trying to publish to a location it did not have proper access to. (120306-932)
7. BUG FIX: Fixed a bug in System Administration that would only occur if ensurUpdate had never successfully completed at least one run in a particular environment. Bug would prevent the update of settings on the DocumentWorkflow screen. (120409-952)
8. BUG FIX: Fixed a bug by adding a new rule to prevent revisions of static dependent children from going Current when previous Current or Approved revisions of the child have an Approved or Current static dependent parent that is also not linked to the new revision. (130805-1171)
9. BUG FIX: Fixed a bug that prevented a Child from becoming current if it was static dependent and had both a Current parent and a parent that was a revision of the Current parent. (130912-1185)
10. BUG FIX: Fixed a bug that adds a revision of a document to all users who have this document in their Favorites folder not just the logged in user. (100824-590)
11. BUG FIX: Fixed a bug to ensurUpdate in deleting old mail records by allowing the user to configure the maximum number of emails in each cycle. (110829-752)

12. BUG FIX: When ensurWorkflow is set to 0 days before a document becomes Archived, A document would not move to Archived until the day after it went Historic. Now it will move to Archived status the same day it goes Historic. (140324-1211)

ensur 4.1

Version 4.1 Rel8, 24-Jan-2014 (1)

ensurFind (1)

1. BUG-FIX:- Enhanced to properly index .xlsx files (140124-1198)

Version 4.1 Rel7, 27-Sep-2013 (3)

ensurDCS (1)

1. BUG-FIX: Batch Routing – The system was not properly respecting "EXT" routing rights when applying batch routing changes. Modified all of the batch routing locked entry logic to respect document-level user/group/folder right mappings when *-routing-ext rights are not present. (130819-1177)

ensurFind (2)

1. MINOR CHANGE: The ensurFind indexing program could encounter problems indexing a single file that would cause the entire indexing process to fail. It is now possible to list specific files to exclude from being indexed. The ensurFind readme file in ensur now describes the use of the ExcludeOrig.txt and ExcludePub.txt files. (130926-1189)
2. BUG-FIX: Enhanced to properly index .xslm, .pptm and .docm files (130815-1175)

Version 4.1 Rel6, 19-Mar-2013 (5)

ensurMigrate (4)

1. MINOR CHANGE: Modified to accommodate reusing the same physical files on multiple content.txt records. (130212-1133)
2. MINOR CHANGE: Modified to support new line characters (\n) with multiline textual form data. (130306-1146)
3. MINOR CHANGE: Modified to inherit Content Type Review and Approval routings on Draft documents. (130312-1150)
4. BUG-FIX: Fixed a problem causing data truncation in text fields with more than 255 characters when importing form data. (130215-1134)

ensurReports (1)

1. BUG-FIX: Fixed a problem causing the reports to truncate wrapping text along the right margin. (130313-1151)

Version 4.1 Rel5, 09-Nov-2012 (12)

ensurDCS (3)

1. BUG-FIX: ensurDCS: The system will allow the revision of a DEP-STATIC child that is a member of a CO. If the child had Current DEP-STATIC parents, the system would display "Error, Child cannot be added until all DEP-STAT parents are members of the CO". (121022-1091)

Release Notes

2. BUG-FIX: ensurDCS: The system will now perform all submit checks on CO members when a CO is submitted for Review or Approval. (121023-1093)
3. BUG-FIX: ensurDCS: COs and all CO children must be opened if required prior to Marking as Reviewed or Approved. (121105-1099)

ensurMigrate (9)

1. ENHANCEMENT: Added ability to migrate content records that use Current form layouts and to populate the Form field data from input text files. (REQ-00462)
2. ENHANCEMENT: Added ability to migrate Draft status BOM content, component links, and component details into ensur. (REQ-00463)
3. ENHANCEMENT: Added ability for ensur to generate a schema.ini file that includes Current form layout definitions to allow for the import of form field data. (REQ-00464)
4. MINOR CHANGE: Forms: Content whose content type uses ensurForms can migrate in legacy windows content and will allow future revisions to use ensurForms. (120118-857)
5. BUG-FIX: Added check to make sure ensurMigrate will not allow more than one Draft revision of a Code in ensur (120110-842)
6. BUG-FIX: Added check to make sure ensurMigrate will not allow more than one Current revision of a Code in ensur (120110-843)
7. BUG-FIX: Content Status and revision order is important for content with the same Code. Older document status and revision levels must be listed before newer status and revision levels in content.txt. (120116-848, 120103-832)
8. BUG FIX: Was not properly importing a PDF when the specified original file name had a file extension that was other than 3 characters long (120131-890)
9. BUG-FIX: Imported supporting material files incorrectly added the file extension of the content.txt file name. (120208-911)

Version 4.1 Rel4, 22-Aug-2011 (1)

ensurForms (1)

1. MINOR CHANGE: Enhanced Forms Layout Designer to allow a Max of 500 user-defined components and enhanced the Forms report to print up to 500 User-defined components. The previous limit was 213. (110822-747, 110822-748)

Version 4.1 Rel3, 27-Jul-2011 (5)

ensurChange (1)

1. BUG-FIX: Allow a Change Order to contain documents linked with DEP-STAT links. (110628-728)

ensurDCS (4)

1. MINOR CHANGE: Document Replication and Revision summary screen now conveys the Code and Rev just created. (110707-729)
2. MINOR CHANGE: When Replicating or Revising, inherited links now create log link entries for the related content. (110718-732)
3. BUG-FIX: Document create failed if there was an apostrophe in the title. (110103-623)
4. BUG-FIX: Detailed Search: Template search screen was displaying an error if using more than one search term. (110720-734)

Version 4.1 Rel2, 1-Jun-2011 (1)

ensurDCS (1)

1. BUG-FIX: Fixed 3 database connection leaks introduced in 4.1. (110601-723, 110601-724, 110601-725)

Version 4.1 Rel1, 24-May-2011 (4)

ensurDCS (3)

1. BUG-FIX: Distribution message error. Distributions to contacts were failing as a result of a security feature implemented for ensurHyperlink. (110516-717)
2. BUG-FIX: Oracle error. Corrected an issue introduced in 4.1 that prevented Oracle users from viewing their To Do List Summary page (110517-719).
3. BUG-FIX: Oracle error. Corrected an issue introduced in 4.1 that prevented Oracle users from creating new Documents (110517-720).

ensurHyperlink (1)

1. BUG-FIX: Hyperlink Caching. When clicking a public hyperlink followed by a secure hyperlink, the system was caching the "anonymous" users, causing the secure link to fail. (110516-718)

Version 4.1 Baseline, 15-Apr-2011 (29)

ensurDCS (16)

1. ENHANCEMENT: Batch Add Note: Added a new feature to allow users to add a note to a group of selected documents (REQ-00212).
2. ENHANCEMENT: Batch Set Revision History: The system now allows a user to modify the revision history on a group of selected documents (REQ-00213).
3. ENHANCEMENT: Batch Add Keywords: The system now allows users to add keywords to a group of selected documents (REQ-00214).
4. ENHANCEMENT: Batch Attribute Editor. A new feature has been added to the system to allow users to edit content attributes in batch across many documents in a tabular grid-style user interface (REQ-00230).
5. ENHANCEMENT: Batch Edit Routing. The Batch Routing page has been enhanced to now offer an append feature for adding entries to existing routing tables for a group of selected documents (REQ-00231).
6. MINOR-CHANGE: Document New Page. Removed the field size restrictions on code prefix and code suffix fields. The overall code length must still be 50 characters or less (110404-708).
7. MINOR-CHANGE: Duplicate Doc Safeguard. Added code to prevent duplicate documents from being created when the user rapid clicks the "OK" button while creating new content records (100928-597).
8. MINOR-CHANGE: Login Page Authentication Error. Changed the authentication error wording on the login page to more clearly indicate if the problem is associated with an ensur account or a Windows account (110218-666).
9. MINOR-CHANGE: Performance. Added indexes that improved the DB performance of tables with FK references to the doc_id column. This was most notable when deleting draft documents (110117-642).
10. MINOR-CHANGE: Firefox session timeout. When using the Fire Fox browser, users were being immediately timed out upon a login attempt. Though this issue was addressed, MMS does not formally support browsers other than Internet Explorer (100929-598).
11. MINOR-CHANGE: Viewers and Approvers now have access to the Batch menu for editing notes and for read-only access to the Batch Attribute Editor (110304-679).
12. BUG-FIX: Detailed Search. Corrected a bug that was adding 1 day to Actual Effective Date searches (100702-570).
13. BUG-FIX: Detailed Search. Increased the size of the Code text field to 50 characters (100623-565).
14. BUG-FIX: Batch Distributions. Corrected a bug that displayed an error when attempting to remove entries from the Batch Set Distribution routing table (110216-662).

15. BUG-FIX: Title wrapping in the Content Explorer. A bug was released in 4.0 SP4 that prevented long titles from wrapping, causing significant horizontal scrolling (SP4 Rel1: 100830-592).
16. BUG-FIX: Title wrapping in templates. Modified BOM, Binder, CR and CO to allow wrapping of long titles. (110314-686).

ensurForms (3)

1. ENHANCEMENT: ensurForms related content stitching. PDF files linked to a form can now optionally be stitched when generating the form report (SP4 Rel1: 100712-574).
2. MINOR-CHANGE: ensurForms numeric converter support for blank fields. When creating a numeric converter form component, there is now an option to allow blank fields (SP4 Rel1: 100712-572).
3. BUG-FIX: ensurForms. Corrected a bug that was causing data to be incorrectly written to the wrong form when multiple forms were open at the same time. (SP4 Rel1: 100928-596)

ensurHyperlink (1)

1. ENHANCEMENT: ensurHyperlink. Added a new module to ensur that allows users to create hyperlinks to all content managed in ensur (REQ-00200, 00201, 00202, 00203).

ensurMail (2)

1. BUG-FIX: performance. Added DB indexes to fix performance issues in ensurMail resulting in bundled messages not being sent (100624-566).
2. BUG-FIX: proxies. Only the first proxy user was being included in notifications (101110-608).

ensurMigrate (2)

1. ENHANCEMENT: Added logic to support the use of ensurForms content types. This allows users to migrate content record metadata into ensur using a forms-based content type. The resulting ensur record will be mapped to a blank form (REQ-00234).
2. BUG-FIX: file extensions. The ensurMigrate tool was not properly importing files with extensions other than 3 characters such as MS Office 2007 and 2010 files (110303-678).

ensurAutoPDF (1)

1. MINOR-CHANGE: Modified the system to support submission of original content, even if overlays are enabled. This setting can be toggled from the Content Type Overlay Settings page. Overlays not applied to any file submitted as an original (110317-688).

ensurQuiz (2)

1. MINOR-CHANGE: Modified ensur quiz to better handle quiz revisions. Each time a user begins a TMS or Doc Training quiz, the system will now begin from the Current version of the associated quiz code (110323-697).
2. BUG-FIX: When changing the order of questions in a quiz, the questions were not being displayed in the correct order if the question was closed and then reopened (101005-599).

ensurTMS (2)

1. MINOR-CHANGE: Modified the "Upcoming Sessions" list on the To Do Summary page to also include any ongoing session where the user has been enrolled, but attendance has not been specified (110321-690).
2. BUG-FIX: Training Session cancellation message was not being sent. (100712-577)