ENPS RELEASE NOTICE

IDENTIFIER: Version 6.0

DATE: November 3, 2010

DESCRIPTION:

This is an update to various ENPS server and client components, versioned 6.00.0046 from November 2010, as explained below. Some elements are unchanged and retain earlier version/build numbers. Download access is available to registered system administrators via a private website.

Releases are numbered in the following format:

x.yy.zzzz

x = Major version number
yy = Minor version number
zzzz = Build number

Major and minor version numbers of client and server components in use must match for compatibility. Build numbers are incremented only when significant new features are added, need not necessarily match for all components, and may not be sequential, as some internal updates may not be publicly released. Formal release notices will coincide with changes in the major and/or minor version numbers.

Help, About for executables will also show an appended build date in the format YYYYMMDD, as will the Comments area of an executable component's properties.

OPERATING SYSTEM NOTES:

ENPS system managers planning future PC/server upgrades, new MOS integration projects, and equipment replacement budgets often request operating system guidance. Summarizing current compatibility, recommendations, and requirements:

- For ENPS server installations, Windows 2000 Server (32-bit or 64-bit), Windows 2003 Server (32-bit), or Windows 2008 Server (32-bit) with the latest service packs is required.

- For ENPS client installations, Windows 2000 Professional, Windows XP Professional, Windows Vista, or Windows 7 is required; "Home" versions are not compatible.

- Internet Explorer 6.0 or later is required on both servers and clients; Internet Explorer 7.0 or later is recommended.

- The full version (not the client version) of Microsoft .Net Framework 4 Extended is required on all ENPS servers. It is available here:

  http://www.microsoft.com/downloads/en/details.aspx?FamilyID=9cfb2d51-5ff4-4491-b0e5-b386f32c0992&displaylang=en or http://goo.gl/BwWje

- Use of ENPS clients on either Vista or Windows 7 requires DHTML editing components originally provided as part of Vista and Internet Explorer but now optional. The DHTML editing control enables rich-text editing capabilities through a WYSIWYG ActiveX (DHTMLEd.ocx) and related DLL (Triedit.dll). System administrators should install the required DHTML control package on each client PC, and it is available here:

  http://www.microsoft.com/downloads/details.aspx?familyid=b769a4b8-48ed-41a1-8095-5a086d1937cb&displaylang=en or http://goo.gl/nKQQv

  Microsoft does not permit redistribution of this control as part of ENPS installers.

Future ENPS enhancements/upgrades may require functionality not available in legacy operating systems. Sites using ENPS with third-party devices and systems should contact their vendor(s) to confirm compatibility.

LANGUAGES NOTES:

- A Windows XP client platform is specifically required for Azeri, Kazak, Uzbek and Kyrgiz support. Earlier versions of Windows lack proper locale, codepage and character set/font support for these languages.
- Some characters from the ANSI 1250 codepage such as the Polish “ñ”, Slovak “ò” and Czech “ì”, as well as other characters following them on the same line, may be displayed in an incorrect SimSun font after a script containing such characters is saved and reopened. This is due to a Microsoft limitation of the presentation of these Unicode characters.
- In a right-to-left language environment, titles which include a number (e.g. “500 News”) may sometimes display in the List Window in an incorrect sequence. This is due to a limitation of the Windows right-to-left conversion process.

NEW FEATURES

1. ENPS now includes integration with key social media websites YouTube and Twitter. The NWP can now retrieve Twitter content from the local newsmakers and organizations followed by your newsroom and can also search YouTube for video on breaking news topics or any user-generated content viewers may have uploaded specifically for your newsroom. Additionally, your users may now publish updates to your newsroom's Twitter feeds from within ENPS.

   Inbound Twitter and YouTube

   To ingest content from both Twitter and YouTube, set TwitterFeeds=1 and YouTubeFeeds=1 in the [NWP] section of NWP.INI and restart the NWP.

   To create a new Twitter or YouTube wire, go to the File menu in the NWP and choose New wire, then the appropriate wire type.

   For Twitter wires, you must already have a Twitter account and have selected other Twitter users to follow.

Provide your Twitter ID in the NWP wire form, check Active, and an authorization window containing a Twitter URL will appear. Copy this URL and paste it into your browser. Log in to Twitter and confirm that you want to give your ENPS system access to your Twitter account. Twitter will then provide a passcode, which you should to copy and paste into the same authorization window in the NWP from which you copied the Twitter URL. Note: the passcode will remain valid even if your Twitter password changes, so you will not need to re-do the above process if you do decide to change your password at some point.

You can create a custom category and provider code for Twitter in the appropriate sections of NWP.INI and apply these when setting up your Twitter wire.

Note: Twitter regulates the number of update requests that can be made per hour from third-party applications. The limit is based on the Twitter account used to make the request and is not machine-specific. Twitter may dynamically adjust the hourly limit up or down, with no warning, depending on the current load on their servers. For more information on Twitter's rate-limiting policies, visit http://dev.twitter.com/pages/rate_limiting_faq.

If your ENPS Twitter account is over the limit for the current hour, this will be logged in the NWP's messages window and the NWP will not receive new updates from Twitter until the next hour begins.

You may control how often the NWP requests updates from Twitter by setting the "Check for Updates" value on the Twitter wire form in the NWP.

For YouTube wires, no account is necessary. Simply input your search terms into the YouTube wire form and check Active. As with Twitter, you can create a custom category and provider code for YouTube wires in the appropriate sections of NWP.INI and apply these when setting up your YouTube wire. If you want your viewers to send you their content via YouTube, ask them to include a special keyword (e.g. News7Now) in the video metadata, then include this keyword in your YouTube search terms in the NWP.

YouTube wires will include a MOS item reference to the YouTube video. You can see a JPEG preview image in the ENPS proxy media viewer, or you can double-click the item reference to go to the YouTube page for the video. To enable, add a new MOS device in the MOS configuration table as follows:

MOS ID: internet.youtube.mos
Description: YouTube
ActiveX: NCWeb.ctrlBrowse
Default Settings: URL=http://www.youtube.com/watch?v=<objID>
MOS Version: 2.8.3
LocalDragDrop: Off
Read Only: Checked

Outbound Twitter

To enable users to publish to your newsroom's Twitter feed(s), first install the ENPS Twitter add-in (available on the ENPS download site) on all workstations where you want this functionality available. Note that local Administrator privileges are required for installation.

Next, launch ENPS, go to the fourth folder rover, choose System Maintenance, and click on the new Internet Output Accounts table. Enter the details for your Twitter account(s) as follows:

Service ID: The login name for the individual Twitter account
Service Type: TWITTER (enter as shown for all accounts)
Username: The login name for the individual Twitter account
Password: Leave this blank for the moment.
Log Server: Name of the ENPS server to which the account's history logs will be written

You will now need to authorize Twitter to allow ENPS outbound access to each account.

First, start by giving yourself tweeting rights in ENPS for each account you created. Synchronize your server with your central server, restart your client, and go to System Maintenance-->Staff. Scroll right in the staff table to the Internet Accounts column, click in this column for your user ID and check each account you just created, then save the changes, shut down your ENPS client, and synchronize your server one more time.

Restart your ENPS client, click the rover on the messaging icon, and choose Twitter. Click on an account name and type your first tweet in the message box. Click Send.

An authorization window containing a Twitter URL will appear. Copy this URL and paste it into your browser. Log in to Twitter and confirm that you want to give your ENPS system access to your Twitter account. Twitter will then provide a passcode you will need to copy and paste back into the same authorization window from which you copied the Twitter URL. Another window will now appear with a security token you will need to paste into the Account Password field in the Internet Output Accounts table. Save the table, shut down your client, synchronize your server one more time, and restart your ENPS client.

Note: The security token will remain valid even if your Twitter password changes, so you will not have to re-do the above process if you do decide to change your password at some point.

Now you can assign tweeting rights to other users. On the fourth folder rover, go to System Maintenance-->Staff. Scroll right in the Staff table to the Internet Accounts column. Click in this column for a specific user to assign their tweeting rights. Only users specifically permissioned to publish to a particular feed will be allowed to do so.

To start tweeting, click the messaging icon rover and choose Twitter. Note that the menu option will not appear if the add-in is not installed on the workstation or if the current ENPS user is not permissioned to publish to any outbound feeds.

In the Twitter window, click the name of the feed to which you want to publish, type your update in the message box, and click Send. A counter in the upper right corner of the window shows how many characters you have typed. The counter will begin to turn red the more you type and begin flashing when you hit the 140-character limit. If you exceed 140 characters, the Send button will automatically be disabled.

The History box shows the most recent messages published to the selected feed along with who sent them and when. The date/time display is localized to the ENPS workstation's time zone and regional date/time format.

Text labels in the Twitter window can also be localized via several new settings in the ENPS language files.

Tweeting history files are stored on the server specified in the Internet Output Accounts table in the ..\COMMON\INTERNETOUT folder. The default log file size is 32k, and, when a log exceeds this size, the oldest content in the file automatically rolls over into another file. By default, the system will track 99 log files per account. Both the log file size and number of log files kept can be modified by adding the following settings to the Global Configuration table:

InternetOutLogFiles: Number of log files to keep (1-999, default=99)
InternetOutLogSize: Maximum size of each file, in bytes (1024-65536, default=32768)

Note: The Twitter-imposed rate limiting which affects the inbound Twitter functionality in the NWP (see above) does not apply here. Outbound tweets are not rate-limited.

2. For sites using ENPS Mobile, it is no longer necessary to restart IIS on your ENPS Web Service Host when you make changes to any of the System Maintenance tables inside the ENPS client. To enable this, you must first register your Web Service Host(s) in System Maintenance-->Services:

   ID: The machine name of the Web Service Host computer
   Description: A user-friendly name for this Web Service Host
   Type: WebService
   URL: Web Service path, i.e. http://<ip address>/nomwebservices/nomwebservice.svc

   After saving the table, you may verify that this is working by editing any of the System Maintenance tables and then checking GTABLES.LOG in the ...NOM\LOGS folder on your central server. (6955)

NEW MOS FEATURES

1. The ENPS client will now display a warning message when a user attempts to add more than a specified number of MOS item references to a story. By default, the threshold is 10 item references, but this can be adjusted by setting MOSItemThreshold to a different value in the Global Configuration table. Users are not prevented from going over the threshold.

2. The ENPS client now logs any time a MOS item reference larger than a specified number of characters is added to a story. A default threshold of 1,500 characters can be changed by setting MOSItemLengthLogThreshold to a different value in the Global Configuration table. The data is logged to C:\Documents and Settings\All Users\Application Data\ENPS\MOSITEMREF.LOG.

NEW NWP FEATURES

1. Sites with access to material published via AP WebFeeds by other members of their own corporate enterprise may now receive this information, in full, via the NWP. To enable, check the "Get Member Content" box in the NWP's AP WebFeeds window. (5088)

2. It is now possible to assign a standard default slug for all wires being ingested via a specific wire form in the NWP. Simply check the box "Use default slug" and enter your default slug in the text box provided. This is especially useful for sites ingesting wires in a language for which Windows

does not have a system codepage. Previously, these sites could not easily ingest wires unless the wire slug was in a different (codepage-supported) language from the main body of the wire. (7317)

GENERAL CHANGES

1. A change was made to increase the speed at which rundowns scroll during a drag-and-drop operation (i.e. when moving a story to a location in the rundown that is not currently displayed on screen).

2. The area at the bottom of a detached rundown to which a user can drag a story to start the rundown scrolling when moving a story was not as large as the same area for a non-detached rundown. This was corrected.

3. When multiple copies of a rundown or script were printed, the correct report layout was not always being applied to each copy. This was corrected. (S-5050)

4. When running ENPS on a multi-monitor system, the last position of the detached ActiveX window was not always being correctly remembered. This was typically seen when ENPS was being run on a monitor other than the primary monitor. This was corrected. (5067)

5. A change was made to reduce the amount of whitespace between the bottom of a printed Newsgathering Grid and the page footer. (S-5061)

6. Newsgathering Grids sorted (by time, location, etc.) would not always print correctly. This was corrected. (S-5005)

7. To prevent truncation of a script that exceeds ENPS's maximum script size (256k or 262,144 characters), ENPS will no longer allow any operation (copy/paste, drag-and-drop, command insertion) that would push the script over the limit. Instead, a warning will be displayed stating that the attempted operation was aborted. Typing over the limit will also not be permitted. As a reminder, MOS item references typically contain more text than is actually displayed in a story -- this hidden text also counts towards the overall script limit.

8. A change was made to ensure the setting TerminateOnExit is respected by the ENPS client whether it is set locally in ENPS.INI or globally in the Global Configuration table. (5077)

9. A change was made to ensure that rundown columns set to word wrap in a print report layout, and containing data which includes carriage returns, will properly expand in height to allow all of the data in the column to be seen in the printout. (5065)

10. The Print Setup option "Only grid items above the black line" was not being respected when printing Newsgathering Grids. This was corrected. (5085)

11. Changes to the formatting of header and footer fields in print reports were not always being properly respected. This was corrected. (S-5042)

12. If a script was sent to another user as a message, and the script contained a production command or MOS item as the first entry, it would not have been possible for the recipient to reply

to the message. This was corrected. (S-4549)

13. A change was made to ensure that Forward Searches (using the Notify option) are properly performed when the search string contains an 'OR' operator. (4972)

14. Under certain circumstances, closing an ENPS story that had already been saved could have caused the story to re-save improperly. This would have resulted in the story being blank when it was re-opened, although the correct version was available as the most recent entry in the story's Prior Versions list. A change has now been made to prevent the improper save from occurring. (5081)

15. Printing a Newsgathering Grid with “Fit grids to one page” selected in your print settings could have resulted in an extra blank page being printed. This was corrected. (S-5083)

16. A change was made to ensure that report layouts are applied consistently whether a script is printed from an editing window or directly from the rundown. (S-5052)

17. A change was made to ensure ENPS properly respects the 'cancel' option on the "Save changes?" dialog that appears if a user with an unsaved script open in an editing window attempts to close ENPS by clicking the X in the upper-right corner of the application. (S-5054)

18. If a user with an unsaved script open in an editing window attempted to quit ENPS with Ctrl+Q, then clicked the 'cancel' option on the "Save changes?" dialog, a subsequent use of Ctrl+Q would not shutdown ENPS. This was corrected. (5093)

19. Certain keyboard shortcuts (Alt+E, Alt+P and Alt+T) were not being respected in the rundown properties window. This was corrected. (S-5100)

20. With FastHighlight=1 in the Global Configuration table (which is the default), opening a story found via a search included a Rover menu option for "Expand Match Highlights." This option highlights any additional forms of the search terms (e.g. swim, swam, swimming, etc.) that may be present. However, this option was not available when opening a story found via a Forward Search using the 'List' option. This has now been corrected. (5089)

21. Copying or moving Newsgathering items via the Copy/Move buttons on the Newsgathering calendar did not work correctly unless an item was first dragged to the calendar. This was corrected. (S-5016)

22. A change was made to ensure the Copy/Move buttons used for copying or moving Newsgathering items via the Newsgathering calendar do not appear on the regular folder calendar. (5044)

23. A change was made to standardize how ENPS handles the selection and highlighting of multi-segment stories (i.e. stories composed of multiple, adjacent lines in the rundown all sharing a common slug). Now selecting a story by either Ctrl+Click or Shift+Click in the slug column will select (and highlight) all segments associated with that slug. Selecting a story by Ctrl+Click or Shift+Click in any other column will only select the individual segments clicked on. All segments that are highlighted will be subject to any subsequent drag/drop or copy/paste operation, whether within the same rundown or from one rundown to another (or to a folder). (5022/7710)

24. A change was made in how WalkCS scans archive directories to determine which files may need to be compounded. This should allow the compounding process to run faster, especially with large archive datasets. Additionally, it is now possible to set the maximum allowable size for the WALKCS.DAT file, which is used by WalkCS to track which files have already been compounded. By default, the file can now reach 100MB, but this can be changed by setting a value (in bytes) for MaxDATFileSize in the [WalkCS] section of NOM.INI. The minimum size is 4000000 (4MB), while the maximum is 100000000 (100MB). (S-5057)

25. If a MOS item reference included square brackets, it was possible that part of the item reference could have been incorrectly included when sending the script to a non-MOS prompter. This was corrected. (5108)

26. A text phrase containing a mixture of both formatted and unformatted text (e.g. Red **White** Blue) would not have been found by an 'exact phrase' search or if the search terms were included in quotation marks. This was corrected. In addition, searches for keywords like span, family, font and other terms that are part of the hidden rich-text formatting commands will no longer find stories which do not contain these words as part of the actual story text. Note, it will be necessary for the ENPS server to be re-indexed for these corrections to take effect. (S-4818)

27. A change was made to ensure search results are consistent when searching for phrases with mixed English and non-English characters, e.g. Annika Östberg. Note that the ENPS server must be re-indexed for this correction to take effect. (S-4985)

28. Previously, setting the Final Approval flag on a story would change the value of the LastModBy field to the name of the person who approved the story without preserving the name of the last person to actually edit the story. Now, checking Final Approval will make a copy of the unapproved story in the story's prior version list before updating the LastModBy field to the name of the approver. Additionally, the name of the approver will now be correctly updated for any users who have the story open in read-only mode at the time the story is approved. (4998)

29. A user without read access to a rundown (or newsgathering grid) could still open it by searching for one of the stories contained in the rundown, highlighting it, and then choosing the option on the List Window rover menu to open the parent grid. This was corrected. (S-4948)

30. When viewing wires in browse mode, the received time for the wire was always being shown in GMT regardless of the local time zone on the client. This was corrected. (4916)

31. Previously, it was possible to break a production command or MOS item reference in a story by first double-clicking on it and then dragging part of the command elsewhere in the story. This was corrected. (S-4982)

32. Given two users with identical names or similar names (such that one name is a complete subset of the other, i.e. John Smith and John Smithers), ENPS could have notified the wrong user when a third user broke their edit lock on a story, depending on which user's UserID (not their name) is first alphabetically. This was corrected so that such notifications are now solely based on each user's unique UserID, not their name. (4865)

33. When running ENPS in multicast mode, the client did not always 'listen' to all relevant updates

when content was open simultaneously from a user's home server and from a remote server. This was corrected. An additional change was made to ensure the client correctly listens to both NOM and NWP updates when failing over to the Buddy server and later back to the Primary server. (4997)

34. A change was made to ensure users without sufficient rights cannot publish content to an ENPS-generated wire (either internal or external). This applies both to dragging an item to the publishing folder and to using the "Publish to" option on the story rover menu. Sites which do not want to permission individual users for wire-publishing can set a default permission level for the wire-publishing folder (in System Maintenance-->Groups) that will allow all users access to publish wires.(5091)

35. On workstations running Windows 7 with UAC enabled and SendInput=1 set in ENPS.INI, the expected case of text in macros could have been reversed if Caps Lock was on when the macro was executed. This was corrected. (7067)

36. A change was made to the way the ENPS client checks for certain Windows environment settings. Previously, these values were checked repeatedly on a timer; now the values are checked once at startup and cached for later use. This may provide some performance improvement on certain systems, but otherwise should have no noticeable impact for users. (7737)

37. In certain circumstances, some rundowns set to autocreate some number of days in advance could have incorrectly been created more than once. This was corrected. (7702)

38. A change was made to ensure that the manual entry of race results in ENPS STATS does not accidentally disconnect STATS from a SQL database to which results are being exported. (7824)

MOS CHANGES

1. Previously, it was possible for MOS item references in ENPS to become corrupted after being updated by a MOS ActiveX control if the updates contained characters from certain Unicode character sets (e.g. Chinese, Norwegian, etc.) and if the ENPS Rich Text editor was enabled. For sites that may have been experiencing this issue, it can be corrected by setting MOSItemReplaceChange=1 in either Global Configuration Options or in ENPS.INI (if the fix is only needed on certain workstations). (S-5019)

2. A previous change to ensure that roStorySend messages were sent for all stories in a rundown whenever the rundown's page numbers were frozen or unfrozen was found to have unintended performance effects. The prior behavior (i.e. no roStorySend messages when page numbers are frozen or unfrozen) was restored as the default. For sites that wish to enable these messages, this can be done by adding ROStorySendOnFreeze=1 to the Global Configuration table. Note, though, this will have performance effects and should be carefully considered. (S-5043)

3. A change was made to ensure that roReplace messages always include all stories in the rundown when using MOS 3.8.3.

4. A change was made to ensure ENPS properly respects the value of mosScope.

5. When using federated search, and with the List Window in browse mode, the first page of search results would not be shown. This was corrected. (5036)

6. A change was made to ensure that MOS 3.8.3 transactions are logged in the correct order when MOS logging is enabled on the NOM. (S-4823)

7. When a MOS item reference is added to a story, most of the text in the item reference is not displayed to the user (unless Show Commands is enabled in the Editing Window). The routine which hides this text was optimized so that stories containing larger numbers of MOS item references can open faster. (5041)

8. A change was made to ensure that entries in the MOS Status column are properly aligned with other data for the same item reference displayed in other MOS columns in a rundown. Note: this is only for columns that display data for all item references in a story, not those that are only displaying data for item references for a specific MOS device. (5075)

9. ENPS was not using the correct namespace in outbound MOS 3.8.3 messages. This was corrected. (5039)

10. A change was made to correct the syntax and structure of the listMachInfo message ENPS exchanges with devices using MOS 3.8.3. (5023)

11. When sending an roReadyToAir message to a MOS 3.8.3 device, the messageID was incorrectly set to 0. This was corrected. (5079)

12. A change was made to ensure that invisible control characters do not block outbound MOS messages from the NOM if they are accidentally included in stories or placeholder creation requests. (5010)

13. It is no longer possible to issue a placeholder creation request without first selecting a MOS device to which the request is to be sent. (4736)

14. A change was made to ensure that messages containing either escaped or un-escaped HTML formatting commands (e.g. <B>, <I>, etc.) do not block outbound MOS messages to MOS 3.8.3 devices. (5076)

15. Previously, data entered in the MOS User Duration column in a rundown was not being included in MOS item references in a manner consistent with the MOS protocol. This was corrected. (4858)

16. A change was made to ensure the NOM properly escapes square brackets in inbound MOS messages. Square brackets, while valid in XML, are reserved for special purposes in ENPS and therefore must be escaped when saved as part of a MOS object or MOS item reference. (5107)

17. Inbound MOS messages containing a blank tag in the form <fieldname /> were not being correctly processed by the NOM, which could have resulted in missing or incorrect data being saved in ENPS. Blank tags in the form <fieldname></fieldname> were being processed correctly. Both forms are equally valid and are now both processed correctly. (5104)

18. A previous change ensured that ENPS did not reuse itemID values when adding new item references to a story where an item reference had been previously deleted. This was not being applied correctly for stories containing only a single item reference with an itemID of 2. This has now been corrected and applies to all itemID values of 2 and higher (itemID 1 is reserved for summary MOS items and must be reused if an existing summary item is replaced by a new one). (5004)

19. A change was made to ensure that any updates received from a MOS device while a story is under an edit lock are correctly applied, in their entirety, to the intended MOS item reference(s) when the story is saved, regardless of whether the edit lock is surrendered or not. This includes scenarios where an item reference's object ID was changed as a result of editing the item reference in a MOS ActiveX control. (5103/5092)

20. Previously, ENPS would incorrectly send duplicate MOS messages when a story in a MOS-active rundown was saved, if there were any buffered MOS updates applied to the story's item references as part of the save operation. This was corrected. (5111)

21. If ENPS is configured to send content below the story black line (i.e. source content) to a MOS StorySend device, the source content is included in a second mosExternalMetadata section within the roStorySend message. A change was made to ensure that the structure of this second MEM-block conforms to the MOS protocol, and to ensure that this data is correctly sent to MOS devices using MOS version 3.x (Web services). (S-5055/S-5056)

22. A change was made to ensure that ENPS does not send an 'insert' message to a MOS device when a story is added to a rundown where the only MOS item reference for that device is below the story black line. This does not apply to MOS devices which are enabled for StorySend. (4826)

23. Previously, ENPS would incorrectly send both 'insert' and 'move' messages to a StorySend MOS device when a story was dragged from below the rundown black line to a position above the black line. This was corrected, and ENPS now only sends an 'insert' message in this scenario. (S-4946)

24. A change was made to ensure the <mosSchema> tag in outbound MOS messages sent from ENPS points to a valid and accessible schema file on the ENPS server. (5112)

25. A change was made to ensure that a mosItemReplace message received from an ActiveX control with certain characters (apostrophes, quotation marks, commas) in the <mosAbstract> field does not cause the ENPS story editor to blank out any text immediately adjacent to the updated item reference. (S-5095)

26. Opening two successive wire stories in the same edit window, where each wire story contained a MOS item reference with a pointer to proxy video, could have resulted in the video from the first story playing in the proxy viewer in the second story. This was corrected. (S-5102)

27. The ENPS client was incorrectly capitalizing some of the element names in the <ncsAppInfo> message sent to a MOS activeX control. This was corrected. (S-5072)

28. A change was made to ensure that ENPS can correctly process incoming roElementStat messages containing an empty <status> tag. (5113)

29. A change was made in how ENPS exports the value of checklist fields to MOS StorySend devices. The actual text value(s) of the items checked in the list will now be sent as the value of the relevant MOS tag as a semicolon-delimited list.

    Example: <test>red;blue;white</test>

    Previously, the text values were sent as an attribute of the MOS tag and their position in the list was sent as the tag's value.

    Example: <test DisplayValue="red;blue;white">1;2;3</test>

    If the previous behavior is required, you may restore it by adding SendChecklistIndexValues=1 to the Global Configuration table. (5106)

30. Previously, if a MOS object contained an unescaped > (greater-than) character in an attribute of a MOS element tag, it would not have been possible to add that MOS object to an ENPS story.

    Example: <fieldname attribute="<test>VALUE</test>">UP </fieldname>

    This was corrected. Additionally, a related change was made in the way handles such characters in outbound MOS messages.

    By default, ENPS escapes the > character as > when it is included in the content of outbound MOS messages (except when used as part of an XML element start or end tag).

    Example: <fieldname attribute="<test>VALUE</test>">UP>DOWN</fieldname>

    However, for ENPS sites integrating with MOS devices which require unescaped > characters in the attributes of MOS element tags, it is now possible to override the default behavior and output the literal > characters in place of the escaped values.

    Example: <fieldname attribute="<test>VALUE</test>;">UP>DOWN</fieldname>

    To enable this, add the setting UnescapeAttributes=1 to either NOM.INI or the Global Configuration table. If the setting is not present in either location, it defaults to 0 (off). This setting affects messages both from the ENPS server to a MOS device and from the ENPS client to an activeX control.

    Note that this change only applies to > characters in MOS element attributes; the escaping behavior of these characters elsewhere in MOS messages is unchanged. This also does not apply to < (less-than) characters, which must be escaped under XML standards (except when used as part of an XML element start or end tag). (5082)

31. ENPS no longer includes an empty <element_target> tag in an <roElementAction operation="DELETE"> message. (7534)

32. A change was made to ensure that the <itemSlug> value in a MOS item reference is not

corrupted when the item is dragged from a script or an ActiveX control into a script which has a Chinese slug. Sites that do not need this fix can optionally disable it by setting RTFFarEastFontFix to 0 in either the Global Configuration Table or a workstation's local ENPS.INI file. (7677)

NWP CHANGES

1. A duplicate entry in the [Categories] section of NWP.INI would have resulted in an error when the NWP was restarted and prevented clients from downloading the current list of wire categories on startup. This was corrected. (5038)

2. The optional NWP.INI setting DupeStoryThreshold (to prevent ingesting duplicate versions of the same story) was improperly preventing any stories from being ingested when using XML wires via FTP. This was corrected. (S-4922)

3. A change was made to ensure the NWP properly respects story start and stop codes for non-XML wires received via FTP. (S-5024)