ENPS RELEASE NOTICE

IDENTIFIER: Version 6.0

DATE: November 19, 2009

DESCRIPTION:

This is an update to various components, versioned 6.00.0027 from November 2009, as explained below. Unchanged elements retain earlier version/build numbers.

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 or Windows 2003 Server (32-bit or 64-bit) with the latest service packs is required. This includes non-production test environments, where Windows XP may have been used previously. ENPS 6.0 requires the use of two IIS Websites, which is not supported under Windows XP.

- 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.

In 2003, AP began phasing out support for server operating systems other than Windows 2000 and Windows 2003. 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.

Use of ENPS 5.x and later 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 our rich-text editing capabilities through a WYSIWYG ActiveX (DHTMLEd.ocx) and related DLL (Triedit.dll). When a client is launched and the controls are not available, and provided that Internet access is available, your users will be prompted to download them from Microsoft. System administrators wishing to prevent user involvement may download the required DHTML control package and manually install it on each client PC:

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

Microsoft does not permit us to redistribute this control as part of ENPS installers.

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. For sites using the External Documents feature that allow dragging non-ENPS documents (PDF, DOC, XLS, etc.) into a Newsgathering Grid collection field, it

is now possible to exclude these documents from a search via a new checkbox in the full search dialog. (4505)

2. It is now possible to explicitly tell ENPS to use whichever printer a user has specified as their Windows default printer. If this option has been saved as part of a user's print settings, ENPS will identify the default printer at client startup and use this printer during the ENPS session, unless another printer is specified by name in the Print Setup window. Changes to the Windows default printer during the ENPS session will not be picked up by ENPS unless the client is restarted or the Windows default printer option is re-selected in the Print Setup window after the printer change has been made. (4966)

NEW MOS FEATURES

1. A prior change enabled ENPS to accept itemChannel information in roAck, roItemStat and roElementStat messages. For sites that wish to have more control over this functionality, it is now possible to block ENPS from processing the channel information from specific devices. To enable this, check the column "Block ItemChannel" for the specific MOS device in the MOS Configuration table. (S-4813)

2. It is now possible to tell ENPS how to treat time values in an inbound MOS status message (i.e. roItemStat, roElementStat, etc.) which have no time zone indicator as defined in the MOS protocol. Checking the new option Status Time Local in the MOS Configuration table for a specific MOS device will tell ENPS to treat status times received from that device without a time zone indicator as local to the ENPS server's time zone. By default this option is unchecked, which means times without a time zone indicator will be treated as if they are in GMT. (4939)

3. A change has been made to how MOS Channel updates are handled when a story is locked for editing. Previously, if a channel was assigned to an item reference via the MOS Channels column in the rundown, and the story containing the item reference was under an edit lock, the channel assignment would have been buffered until the story was closed and the edit lock was released. Now it is no longer necessary to surrender the edit lock; the buffered channel will be assigned as soon as the story is saved, regardless of whether the story is closed or not. NOTE: This only applies if MOSChannelLockOverride=1 is set in Global Configuration Options. If this is not set, it is not possible to assign a channel while another user has the story locked for editing.

NEW WIRE FEATURES

1. It is now possible to ingest XML wires in formats other than those previously understood by the NWP. To enable this, it will first be necessary to create a

custom XSL transform for your XML wire format. You can use the existing files in the NWP\XSL directory as a guide or contact the ENPS helpdesk for assistance.

Once you have placed your XSL transform in the NWP\XSL directory, add the setting CustomXSLFiles=1 to the [NWP] section of NWP.INI and restart the NWP. Your custom format will now appear under the StoryFormat drop down with the same name as your .XSL file. NOTE: You will need to set the Start and Stop codes to match the root tags of your XML wires, to ensure they are processed correctly. (4506)

For sites using OPENS, a new XSL file is available to allow you to ingest OPENS data into ENPS as a wire. This will require using the OPENSCG application to output the data in XML format to a local FTP server. ENPS will then ingest the file from this FTP server.

GENERAL CHANGES

1. Manually resizing a rundown and then performing another action, such as opening a script fullscreen or opening another rundown, could have caused the client to hang in certain circumstances. This was corrected. (S-4895)

2. A change was made to NOM Maintenance to ensure that external documents (.DOC, .XLS, .PDF, etc.) are properly purged from ENPS when the Newsgathering item to which they are attached is deleted. (4802)

3. A change was made to ensure that all rows and columns in a rundown are printed properly when printing the face of the rundown and also to prevent printing of unnecessary blank pages in the middle of the rundown. (4803)

4. Previously, unchecking the Auto-Refresh option on the MyENPS configuration window did not stop MyENPS from automatically refreshing. This was corrected. (S-4804)

5. A change was made so that dragging or pasting text into the middle of an existing text block will no longer incorrectly highlight text to the right of the dragged or pasted selection. (S-4805)

6. Under certain circumstances, using spellcheck on a script with protected text could have resulted in the protected text becoming corrupted. This was corrected. (S-4806)

7. It is no longer possible to detach or re-attach a rundown that is actively connected to a non-MOS CG or prompter. Previously, this was possible and would have caused the connection to be broken. (4807)

8. A bug in Microsoft's Internet Explorer 8 browser could have caused printing issues when using ENPS' RTL printing mode. A change was made to work around this issue. (S-4810)

9. A change was made so that users without read/write privileges for rundowns can no longer delete stories from a rundown. (S-4812)

10. A change was made to allow users with sufficient privileges to mark archived scripts as "Not to be broadcast." (4816)

11. A change was made to ensure that if an autocreate instance is deleted from a rundown template with multiple such instances, the deleted instance will no longer automatically create. (4819)

12. A change was made to allow the actual time of a script in a rundown to be manually replaced with 0:00 by typing in the Actual column on the face of the rundown. (S-4935)

13. A change was made to the method by which MyENPS retrieves Newsgathering grids from the NOM in order to accommodate the correct alphabetic sort order in Scandinavian languages. (S-4942)

14. A change was made to ensure that NOM Maintenance will properly purge or archive all non-MOS content (i.e. loose scripts, rundowns, etc.) in a folder to which a MOS device has been homed. MOS content (MOS object, Read-Only Rundowns, etc.) will continue to be skipped by MAINT and should be maintained, as before, by the MOS device which owns the content. (4951)

15. Fields with a validation of DUAL were not behaving as expected. This was corrected. (4953)

16. If a Central Server had a Buddy defined, it was possible to edit the System Maintenance files while the Central Server was either down or in block mode. However any changes made in this circumstance would be overwritten the next time global tables were synchronized. This was corrected and it is now no longer possible to edit the System Maintenance files while the Central Server is down or blocked. (4954)

17. Previously, saving a story in ENPS resulted in two update messages to the NOM. The first would update the last input keyboard (i.e. language) used to write in the story and the second would update any actual changes made to the story body. This has now been changed so that both updates happen in a single step, which should reduce NOM loads as well as the number of Buddy transactions being processed. (S-4956)

18. A change has been made to prevent the script source area from saving if the

only content is non-visible whitespace (i.e. spaces, line feeds, etc.). (4958)

19. Previously, if a designated Break line in a rundown was floated, the red that indicates the floated status was not visible over the blue that indicates the Break. This has been corrected so that the float color now takes precedence. (4959)

20. The rundown timing bar will now automatically skip over any floated stories. (4961)

21. A change was made to ensure that a group of stories sharing the same slug can be correctly dragged as a group from one rundown to another or from a rundown to another folder. (4962)

22. Changes were made for several reported issues with the automatic creation of rundowns and newsgathering grids, including templates being reverted to prior states after editing, rundowns not being created at the correct times and autocreate times not being saved correctly if entered without colon delimiters. Additionally, time/date stamps have been added to all information written to the autocreate.log file. (S-4969)

23. If a user was typing during the initial stages of launching the client, ENPS could have gotten out of sync with the workstation's Caps Lock state. This has been corrected. (4970)

24. Additional characters (* and space) were added to the list of those the NOM will escape when they appear in ENPS field names and XMLStorage=1 is set in NOM.INI. (4971)

25. A change was made to ensure the {PAUSE} function in macros works as expected when running ENPS on Vista or Windows 7. (4980)

26. A change was made to ensure the ENPS client's automatically upgrade functionality works as designed on Vista and Windows 7. (4983)

27. Several changes were made to ensure that My ENPS can correctly search for content in top-level folders and in subfolders. If no subfolder is specified for an entry in MyENPS, only content from the top-level folder will be returned. If a subfolder is specified, only content from that subfolder will be returned. Further, a change was made to ensure that content is correctly returned from subfolders having more than one word in their title. (4977, 4984)

28. A change has been made to WalkCS, the application which converts archives into more efficient compound storage format, to better deal with characters in ENPS field names which may not be valid in XML element names. Previously, if an archived rundown contained invalid XML characters in any field names,

WalkCS may have been unable to properly compound the rundown files if XMLStorage was enabled in NOM.INI. Now, if a rundown contains field names that cannot be correctly converted to XML during the compounding process, the rundown will still be compounded, but not converted to XML. Archives already in XML format, but which contain invalid element names, will be converted back into the ENPS legacy format during the compounding process. (4971)

29. A change was made to the ENPS client to preserve automatic client updating functionality when running under Vista or Windows 7 with UAC enabled. If you have previously deployed ENPS 5 or 6 on workstations running either Vista or Windows 7 with UAC enabled, it will be necessary to either disable UAC temporarily to allow for the new client to install or you can manually install the updated ENPS client by running \\servername\enps\setup.exe. Once the new client is installed, future updates should work as expected even with UAC enabled.

MOS-RELATED CHANGES

1. A change was made to correct the ENPS client's response to an ActiveX's <ncsReqAppInfo> message. (S-4808)

2. When working with large rundowns (e.g. over 120 lines), a delay in client/NOM communications when setting the rundown MOS active could have resulted in an unnecessary <roMetadataReplace> message being sent from ENPS to a MOS device. This was corrected. (S-4811)

3. Updates to a MOS item reference contained in a story under an edit lock are buffered when received and only applied when the story is closed and the lock surrendered. However, if the item reference was changed between the time the update was received and when the lock was broken, the buffered data could have caused the item reference to revert to its previous state. This was corrected. (S-4815)

4. ENPS was incorrectly applying the ValidateMOSObjects function (introduced in 6.00.0009) even when it wasn't enabled. This was corrected. (S-4817)

5. If two MOS devices were enabled for MOS Story Send on the same rundown, but only one the devices was configured for content below the script black line, ENPS would not send the below line content to either device. This was corrected. (S-4821)

6. If a story contained multiple MOS item references that all shared the same <objID>, and a change was made to one of the items via an activeX control, ENPS could have mistakenly applied that change to all of the items when the story was saved. This was corrected. (S-4832)

7. On ENPS workstations set to a default locale of Traditional Chinese, MOS items were always being forced to the top line of a script and it was not possible to move them. This was corrected. (S-4873)

8. When running as a MOS Repeater, the NOM was generating unnecessary story lock files for every story it processed and failing to purge the files when the story locks expired. Both issues were corrected. (4936)

9. A change was made to ensure that MOS item references contained in MOS-active Rundown templates are automatically updated when a new rundown is created from the template. This will ensure that the item references in the newly-created rundown are in sync with the objects to which they refer. (4937)

10. A change was made to ensure that a MOS device using roReqStoryAction messages to create or update stories in ENPS can specify which Front and/or Header fields should be displayed in the story. This is enabled via the inclusion of <RequiredFrontFields> and <RequiredHeaderFields> in the story's <mosExternalMetadata> block. These fields should contain a case-sensitive list of valid ENPS field IDs, delimited by ~C16~, e.g. <RequiredFrontFields>fieldID1~C16~fieldID2</RequiredFrontFields>. (4955)

11. A change was made to allow sites using the UseMOSStartTime functionality to include this functionality in a rundown template. With UseMOSStartTime=1 in the global configuration table, the start time for a MOS StorySend device can be set in a rundown template as an offset from the rundown start time. When a rundown is created from the template, the actual time the rundown should begin communicating to the MOS device will be calculated based on the start time and the offset provided. Any subsequent changes to the rundown start time will not automatically update the start time for the MOS device, although this time can be manually edited. (4957)

12. A change was made to ensure that once an itemID has been assigned to a MOS item reference, that itemID will never be reused within the same story, even if the original item reference with that itemID has been deleted. (4967)

13. A change was made to ensure ENPS properly handles mosItemReplace messages for item references containing more than one MOS External Metadata block. (4968)

14. A change was made to ensure ENPS correctly sends out roStorySend messages for all stories in a rundown when the page numbers are frozen or unfrozen. (4978)

15. If a MOS item reference was deleted from a story containing more than one

item reference, and MOS channels assigned before the story was saved, it was possible that the channel assignments would not be correctly processed. This has been corrected. (4979)

WIRE CHANGES

1. For FTP wires set to operate in UNIX mode, the UNIX checkbox was not being properly respected if the NWP was restarted. This was corrected. (4824)

2. A change was made to ensure that wire content delivered via AP Webfeeds shows up in the client with the correct time stamp. (4825)