Configuring a MOS Device with ENPS

When you add a new MOS device to ENPS you should <u>always</u> consult with your MOS vendor for information regarding about the settings are needed for the device to work with ENPS. If you or the vendor have questions, and you are in the Americas call +1-866-ENPS-911 or +1-202-641-9641. If you are outside the Americas call +44 (0) 20 8225 8685.

All MOS devices should be added to the MOS Configuration Table, which can be accessed by users with Supervisor privileges from the **Forth folder rover → System Maintenance → MOS Configuration**.

This document describes some of the more commonly used functions of the MOS Configuration Table. If a field is not listed below, it should be left blank.
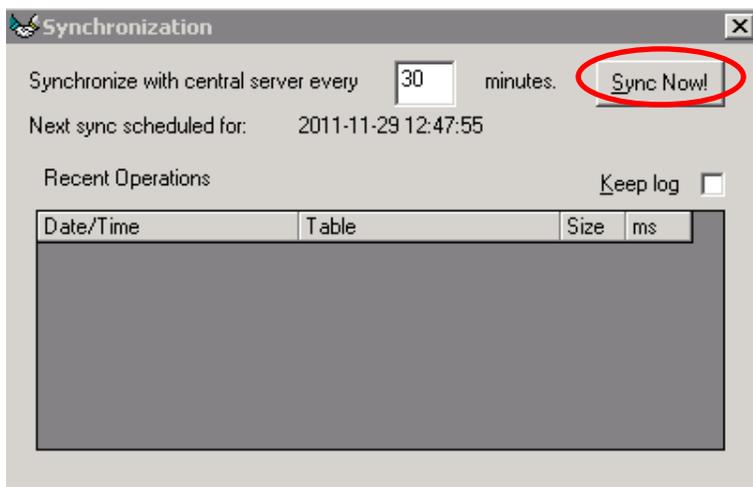
Setting	Description

ID	This should be a unique ID for this MOS device and should be set up as a fully qualified MOS ID, as follows:
	`<vendor>.<product>.<site ID>.<enterprise>.<mos>`
	For example:
	`MOSVendor.MOSProduct.WZZZ.StationGroup.mos`

Description	User-friendly name of the MOS device.
IP	For MOS versions earlier than 3.8.3 this is the IP address of the MOS device. For MOS version 3.8.3 or higher this is a URL pointing to the `.ASMX` file on the MOS device.
ActiveX	If the MOS device will be using an ActiveX control, enter the name of the control. Consult with your MOS vendor as to what to put in this field.
Program	Some MOS vendors will send MOS Item References to ENPS that point to objects on the MOS servers. This dropdown designates the folder where these references will be stored. It is recommended that each MOS device have its own group, if possible. DO NOT home MOS devices to any folder where you are creating content in ENPS. For example, do not home MOS devices to your News or Desk folders.
Default Settings	Default settings for the ActiveX Media Plug-in control. If there is no ActiveX control, this is not required.
MOS Version	Version of MOS the MOS device will use with ENPS.
Local DragDrop	In most configurations this option should be set to *Off* since it can interfere with the mouse control in the plug-in.

Modal UI ActiveX	This forces a plug-in to run in its own window rather than the lower Editing Window. When using plug-ins this way, users are forced to perform an action in the window before they can continue using ENPS. Note that not all ActiveX controls are designed to work properly in a modal window.
Modal UI Default Settings	If a control name is specified in **Modal UI ActiveX** this field should duplicate the contents of **Default Settings**.
Auto Create	Enabling this option adds this MOS device as an option under the Object Autocreate and Object Placeholder Create dropdown menus in Rundowns. Turn this on if your device needs to be able to create placeholders.
Username, Password	If the ActiveX plug-in requires a username and password, it can be entered here.
Alias	User-friendly name for a MOS device to display instead of the fully-qualified MOS ID. This name will appear in the dropdown boxes for the **Autocreate** and **Object Placeholder Create** columns in Rundowns and Newsgathering Grids.
Story Send	Determines whether a MOS-enabled device can receive MOS StorySend messages. These messages send the entire story including text, production commands and pointers to MOS objects. StorySend messages are often required by prompters and automation systems.
	If this column is not selected only references to objects will be sent to the device. Check the vendor's documentation to find out if this setting should be enabled.
RORO Limit	Limit the number of Read-Only Rundowns that can be created in a group. Refer to the section on "Read-Only Rundowns" in the ENPS Operations Guide for more information.
Object Groups	In some circumstances, it may be desirable to have MOS Item References be sorted into different groups (i.e., 5pm, 6pm, etc.). To do this, enter in the desired groups in this column, separated by a pipe | character. Users will be able to select the group from the **Object Placeholder Create** column when creating placeholders. Those groups can then be found by clicking on the rover of the MOS group, as defined in the **Program** column for the device.
Detached ActiveX	To run an ActiveX in its own window, copy the name from the **ActiveX** column here. If the ActiveX runs a different plug-in when it is in detached mode enter the control's name from the Windows registry. Note that not every plug-in is designed to function properly when in detached mode. Please consult with your MOS vendor before changing this setting.
Detached Default Settings	Although this is typically the same parameters that are defined for the **Default Settings** column the settings may be different for detached plug-ins. Check the vendor's documentation for more information.
Use Detached	Displays the ActiveX plug-in in a separate window regardless of whether the client has selected to view ActiveX controls separately.

Color	Set the color used to display MOS Item References by clicking the icon. This is useful to allow directors and producers to quickly identify different MOS item references in a story. You can pick one color for video, another for graphics and so on.
Export Formatted Text	Determine whether rich text formatting such as bold, underline, and italics will be sent to the device in MOS StorySend messages. This column has a drop-down menu with three choices:

- *Off*: Do not include rich text formatting.
- *Basic*: Include basic rich text formatting such as bold, italics and underline. Other formatting, such as strikethrough text, will be omitted.
- *Extended*: Include all rich text formatting.

Validate MOS Objects	Verify that a MOS object exists when a story is opened or a Rundown's MOS Control Active property is selected. If the object is not found the MOS Item Reference will turn grey. Do not enable this setting on devices such as character generators that typically do not send MOS object messages to ENPS.
Block ItemChannel	Ignore channel assignments created by the MOS device. If this option is selected users will need to enter a channel number for every MOS Item Reference in a Rundown.
Status time local	Control how ENPS processes time values in inbound MOS Status messages that do not have a time zone specified. If this option is enabled ENPS will use the same time zone as the ENPS server. If this option is disabled GMT will be used as the time zone.

Once you complete the changes, click *Save* and the window will close.

Note that if you are homed to an ENPS server that connects to a Central Server, these changes will only appear after your server has synced with the Central Server. This process usually happens every 30 minutes. The process can be forced by clicking the *Sync Now* in NOM Maintenance on your local ENPS server.

After syncing, either restart the News Object Manager (NOM) or select "Reload global tables" from the File menu in the NOM.

You will also need to restart the ENPS client on the workstation in order to see the changes.