

MOS CG Channel Selection Using ENPS MOS-MAP


OverDrive device templates use the itemChannel field to specify the CG channel to interpret. Some CG ActiveX plug-ins accommodate channel assignment within their own environment.

For CG ActiveX plug-ins that do not assign a channel, for example: Orad, Inscrber, and VizRT, iNews can be used to assign channels.

- ★ When the itemChannel field is not set for a CG MOS object or the set itemChannel field does not match an OverDrive device template, OverDrive selects the highest numbered device template with a matching MOS ID. Often the selected device template is Device Template 99, which is usually configured as channel 1.

Create a Personal Field in ENPS

1. Log into the ENPS client.
2. Select System Maintenance > ENPS Fields to create a personal field.
The fields table opens.
3. Click New.
The ENPS dialog box opens.
4. Enter a name for the new field in the New ID box.
For example, NewMOSCh.
5. Click OK.
A new ID field is added to the table.
6. Double-click the new ID field to set values for the ID field.
The Edit dialog box opens.



ID	TestMOSCh
Read Only	
Default Caption	OD MOS Ch
Just	Left
Validation	MOSAutomation
List	VizCh1 VizCh2 VizCh3
Reqd	
Width	11
MaxLen	
Upper	
MinVal	
MaxVal	
Merge	
Type	Script+RO Column
Protected	
Sequence	

OK Cancel

7. In the Edit dialog box, set the following field values:
 - Default Caption: enter the ID field name to display in a layout. For example: New MOS Ch.
 - Just: select Left from the list.
 - Validation: select MOSAutomation from the list.
 - List: enter a list of values separated the “|” (pipe) character to define the list of available MOS IDs. For example: VizCh1|VizCh2|VizCh3
 - Width: 1000
 - Type: select Script+RO Column from the list.
 - Word Wrap: click to select (✓) this option.
 - Auto Size Width: click to select (✓) this option.
 - MOS Send: click to select (✓) this option.
 - MOS Tag: itemChannel
8. Click OK.
The field values are updated for the ID field.
9. Click Save.
10. Restart the ENPS client to activate changes.

Set the ENPS Layout

1. From the running order Rover, select Layout > Add Columns > NewID.
NewID is the name of the ID field created in step 4 of the Create a Personal Field in ENPS section. The selected column is added to the running order.
2. To save the added column for regular use, select Layout > Make This My Layout from the Green Dot.

Use the New Personal Field

After adding a MOS element to a rundown, clicking in the OD MOS Ch column displays a list of the available MOS IDs. The MOS IDs in the list were defined in the List field, set in step 7 of the Create a Personal Field in ENPS section.

	OD MOS Ch
k.gollant61--Router test-2	
k.gollant61--	VizCh2
k.gollant61--	
k.gollant61--Router test-3	VizCh3
	VizCh1
	VizCh2

List of the available MOS IDs

Saving changes adds the selection to the MOS Object with an itemChannel tag. OverDrive parses for the itemChannel tag and matches the channel information to the destined XPT.

```
<?xml version="1.0" encoding="UTF-8" ?>
<!-- Payload -->
<Payload><rossVersion>1000</rossVersion><odID>100</odID>
</ItemSlug><itemChannel>VizCh2</itemChannel></mos>
</Payload>
```

itemChannel tag

Interpret with an OverDrive Device Template

When the OverDrive receives a MOS object, the MOS CG device template matches the “itemChannel” field with the data “VizCh2” to set the XPT to receive the message. The XPT on the switcher is then configured to communicate with a specific Channel on the device.

The screenshot shows a 'New Device' dialog box with the following fields and options:

- Device Name:** Text field containing 'VizRT Ch 2' with a '(max. 12)' label.
- Back To Back:** Checkbox labeled 'Allow device to be used on a single crosspoint for consecutive shots'.
- Device Type:** Radio buttons for 'Video Server', 'Audio Server', 'VTR', 'Aux Bus', 'Internal Store', 'Character Gen', 'Router', 'Camera', 'Ext Still Store', 'MOS Char Gen' (selected), and 'Router, no xpt'.
- MOS Character Generator Properties:**
 - MOS CG Type: Dropdown menu set to 'Vizrt'.
 - mosID Name: Text field containing 'PILOT'.
 - Folder ID: Text field.
 - Channel ID: Text field containing 'itemChannel'.
 - Page ID: Text field containing 'objID'.
 - Channel Name: Text field containing 'VizCh2'.
 - Cue Option: Dropdown menu set to 'Force PGM'.
 - Folder Base: Text field.
- Device Crosspoints:** Text area with the instruction 'Enter the switcher CrossPoints that this device is connected to.' Below it is an 'Add a CrossPoint number (1-79):' text field, an 'Add' button, and a 'Remove' button. A list below shows 'Crosspoint 12' with up/down arrows.

MOS CG device template

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E-mail: techsupport@rossvideo.com

Website: open a support request using the link <http://www.rossvideo.com/support/tech-support.html> to open a support request.

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