

Configuring iNews and XPression

This app note describes how to configure iNews to interface with XPression.

System Requirements

The NCS ActiveX plugin must be installed on a PC with the iNews client installed. Ensure that this PC meets the newsroom system requirements.

Ensure that network connectivity exists between the iNews server, all iNews client PCs, the XPression PC, and XPression MOS/NLE Gateway PC (if the MOS/NLE Gateway is installed on a different PC than XPression).

During installation, your computer may display security warnings depending on the security policies at your facility. Please allow the installation to proceed. If you have questions about safely installing software, consult your IT department.

Licensing

The XPression ActiveX NCS plugin requires a license to operate. Licenses are verified by the XPression MOS/NLE Gateway PC when the XPression ActiveX NCS plugin communicates with it.

If the number of concurrent connections exceeds the number of floating plugin licenses you have purchased, you will be unable to access the XPression ActiveX NCS plugin until a license is available.

Configuring the iNews Gateway

On the iNews gateway system, edit the **MosConfig.xml** file and add a new entry for the XPression device. You must configure the following information:

- IP Address or Hostname of the XPression MOS/NLE Gateway PC.
- AMCP of the XPression MOS/NLE Gateway
- MOS ID of the XPression MOS/NLE Gateway.

Note: generally AMCP names are lowercase and MOS IDs are uppercase. Consult your facility engineer if you do not know the values for these settings.

Example:

```
<mosDevice>
  <!-- The names element contains the mapping of the MOS's mosID value to -->
  <!-- an NRCS device name, as well as the network name of the MOS. -->
  <names>
    <mos>MYXPRESS</mos>
    <amcp>myxpress</amcp>
    <network>192.168.1.100</network>
  </names>
  <roChannels>1</roChannels>
  <roSlugMaps></roSlugMaps>
  <roStatSend>NO</roStatSend>
  <handlesEmptyStories>YES</handlesEmptyStories>
  <handlesRoStorySwap>NO</handlesRoStorySwap>
  <handlesRoStoryReplace>YES</handlesRoStoryReplace>
  <handlesRoItemLevelCommands>NO</handlesRoItemLevelCommands>
  <handlesRoStoryMoveMultiple>YES</handlesRoStoryMoveMultiple>
  <prependPageNumber>YES</prependPageNumber>
  <prependSeparator>-</prependSeparator>
  <prependStringForEmptyPageNumber></prependStringForEmptyPageNumber>
  <statusTranslations>
    <statusUnknown/>
    <statusUnavailable>Bad Clip</statusUnavailable>
    <statusUnavailable>Unalloc.</statusUnavailable>
    <statusUnavailable>Offline</statusUnavailable>
    <statusAvailable>Online</statusAvailable>
    <statusCueing>Cueing</statusCueing>
    <statusCued>Ready</statusCued>
    <statusTensionReleased/>
    <statusPlayRequested/>
    <statusPlaying>ON AIR</statusPlaying>
    <statusPaused>PAUSED</statusPaused>
    <statusStopped>Done</statusStopped>
    <statusRewinding/>
  </statusTranslations>
  <!-- The retry timeout in seconds for this device. -->
  <!-- Set to 0 if you do not want to have retries -->
  <!-- Valid values: 0 - 214748647 -->
  <!-- Default is 0 -->
  <retryTimeout>30</retryTimeout>
</mosDevice>
```

Configuring iNews

On the iNews gateway system, edit the **MOS-MAP** file and add an entry to map from the MOS ID to the AMCP name.

Example:

```
; MYXPRESS is the MOSID  
; myxpress is the amcp MYXPRESS myxpress
```

In the **MAP** file, add an entry for each rundown that needs to be published to XPression. The entry must contain the AMCP name and bcs-cg in the **mct** field.

Example:

show.test.test8.rundown	show.test.test8	-	-	1815
mos	myxpress@inewsgw	update	bcs-cg	

Configuring the NCS ActiveX Plugin

You must install and configure the XPression NCS ActiveX plugin on each iNews client machine. Ensure the following settings are configured in the NCS ActiveX plugin:

- **Host Address** – set to the address of the XPression MOS/NLE Gateway PC.
- **MOS ID** – if you have not enabled the **Enforce the Gateway's MOS ID** option in the XPression MOS/NLE Gateway, enter the MOS ID for your facility.

Refer to the app note, *Installing the XPression NCS ActiveX Plugin* for more detailed instructions.

Configuring the XPression MOS/NLE Gateway

You must install and configure the XPression MOS/NLE Gateway to enable communication between XPression and iNews. Ensure the following settings are configured in the XPression MOS/NLE Gateway:

- **MOS ID** – enter the MOS ID for your facility.
- **NCS ID** – enter the NCS ID for your facility.
- **Use UTF8** – Clear this checkbox.
- **Enforce the Gateway's MOS ID** – Select this checkbox.

Refer to the app note, *Installing the XPression MOS/NLE Gateway* for more detailed instructions.

Note: consult your facility engineer if you do not know the MOS ID or NCS ID for your facility.