

## Installing and Configuring the XPression™ Gateway

This Appnote describes how to install and configure the XPression Gateway.

### System Requirements

It is recommended that you install the XPression Gateway on a separate PC from XPression.

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

### Licensing

The XPression Gateway uses a USB dongle for licensing verification. It contains the following licenses:

- XPression Gateway license
- Floating licenses for each MOS plugin you have purchased

Floating plugin licenses are verified when the plugin connects to the XPression Gateway.

### Installing the XPression Gateway

XPression should be installed prior to installing the XPression Gateway.

#### For More Information on...

- installing XPression, refer to the *XPression Software Getting Started Guide*.

#### To install the XPression Gateway

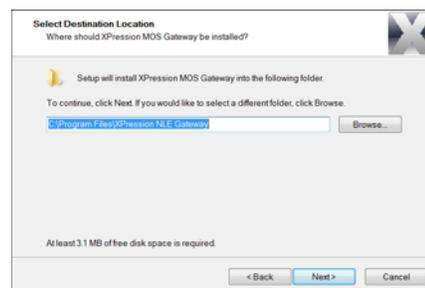
1. Log on to the XPression computer as a user that can install software.
2. Shut down all Windows applications.
3. Copy the **xpMOSGateway-x.xx\_xxxx.exe** file to the computer.
4. Double-click the **xpMOSGateway-x.xx\_xxxx.exe** icon.

The **Setup - XPression MOS Gateway** wizard opens.



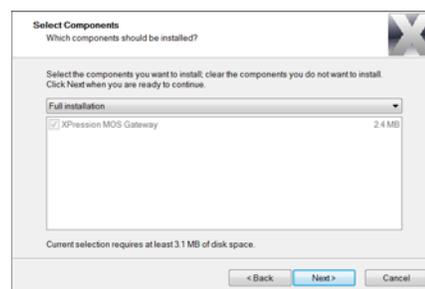
5. Click **Next**.

The **Select Destination Location** screen opens.



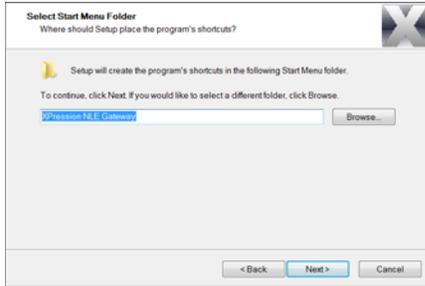
6. Accept the current destination folder or click **Browse** to select a custom folder.
7. Click **Next**.

The **Select Components** screen opens.



8. Accept the default component selection.
9. Click **Next**.

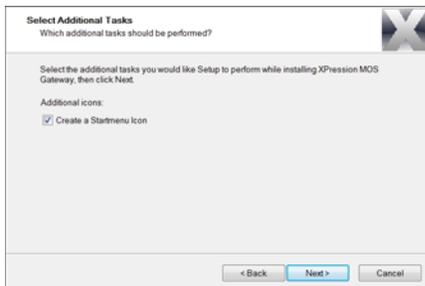
The **Select Start Menu Folder** screen opens.



10. Accept the default Start menu folder for the program shortcut, or click **Browse** to select a custom Start menu folder.

11. Click **Next**.

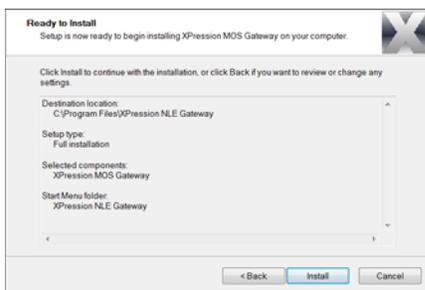
The **Select Additional Tasks** screen opens.



12. Accept the default to create a Start menu icon. Deselect the option if you do not want to create a Start menu icon (the program is still available from the **Start** menu in the folder you specified in step 10 above).

13. Click **Next**.

The **Ready to install** screen opens.



14. Click **Install** to begin installing the XPression Gateway.

A progress bar displays the installation status. After the installer finishes installing the required files, the

**Completing the XPression MOS Gateway Setup** screen opens.



15. Click **Finish**.

## Configuring the XPression Gateway for MOS and NLE Workflows

This sections provides general configuration information for the XPression Gateway. Some MOS applications may require custom settings. Refer to the Ross application note for your MOS application for details.

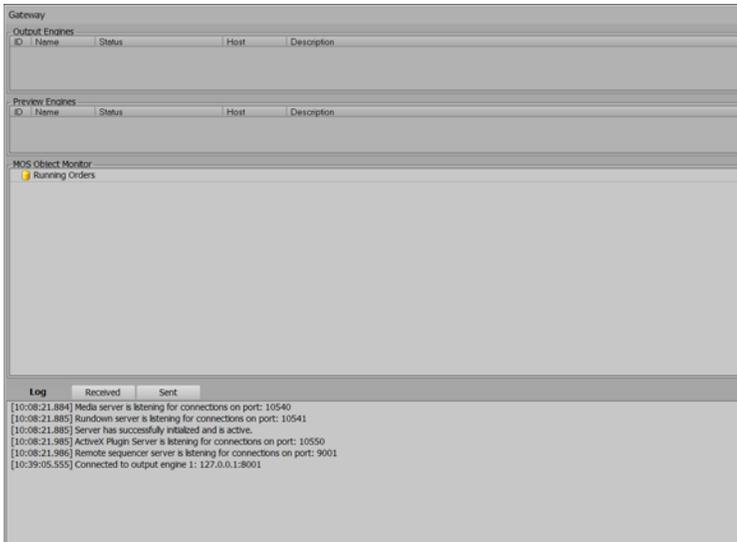
Configuration requires you to:

- Configure the XPression Gateway
- Configure Output Engines
- Configure Virtual Channels
- Configure Preview Engines (optional)
- ★ *The XPression Gateway USB dongle must be connected to an available USB port prior to running the XPression Gateway.*
- ★ *If you have any Citrix programs installed, such as GoToMeeting, ensure that the **DNE LightWeight Filter** is disabled in the **Local Area Connection Properties** window of any machine that is connected to the XPression Gateway, including the XPression Gateway itself.*

**To configure the XPression Gateway:**

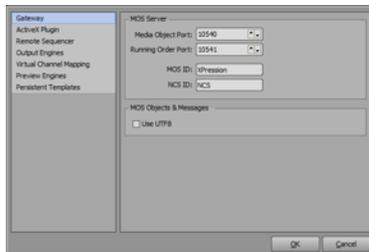
1. Use the **Start** menu to select **Programs > XPression NLE Gateway > XPression MOS Gateway**.

The XPression Gateway screen opens.



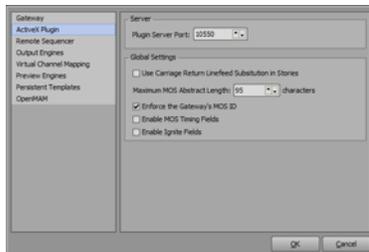
2. Use the **Gateway** menu to select **Settings**.

The **Settings** screen opens.



3. Clear the **Use UTF8** check box.
4. Set the **MOS ID** and the **NCS ID** fields as appropriate for your facility. Consult your facility engineer if you do not know this information.
5. Click **ActiveX Plugin**.

The **ActiveX Plugin** pane opens.

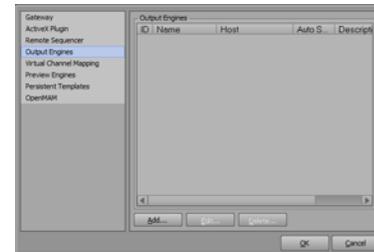


6. Select **Enforce the Gateway's MOS ID**.

**To configure Output Engines:**

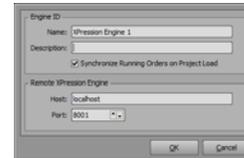
1. Click **Output Engines**.

The **Output Engine** pane opens.



2. Click **Add...**

The **Add Output Engine** screen opens.

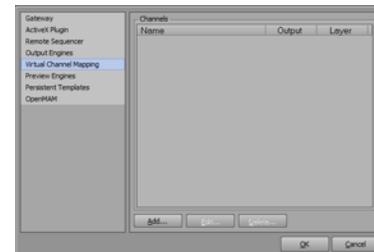


3. Type a name and description for the new output engine.
4. Set the **Host** to the network address of your XPression system PC (type *localhost* if the Gateway is installed on the XPression PC).
5. Set the **Port** to *8001*.
6. Click **OK**.
7. Repeat steps 1 - 6 to create output engines for each XPression server.

**To configure Virtual Channels:**

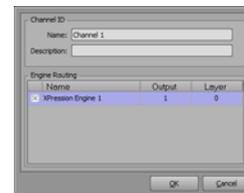
1. Click **Virtual Channel Mapping**.

The **Virtual Channel Mapping** pane opens.



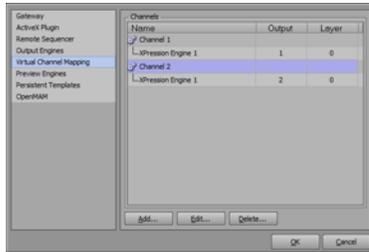
2. Click **Add...**

The **Add Virtual Channel** screen opens.



3. Type a name and description for the new virtual channel.

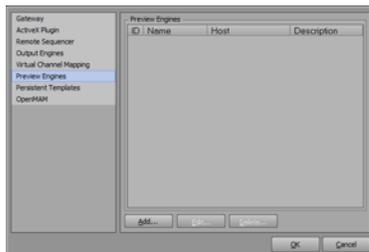
4. Click the check box next to the output engine you wish to link to this virtual channel.
5. Set the Output field to the XPression output you wish to associate with the virtual channel.
6. Set the Layer field to the XPression layer you wish to associate with the virtual channel.
7. Click **OK**.
8. Repeat steps **2 - 7** to create virtual channels for each XPression output channel you wish to access from your ENPS application.



### To configure Preview Engines — Optional:

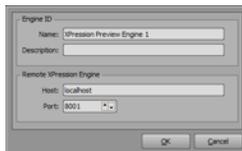
1. Click **Preview Engines**.

The **Preview Engine** pane opens.



2. Click **Add...**

The **Add Preview Engine** screen opens.

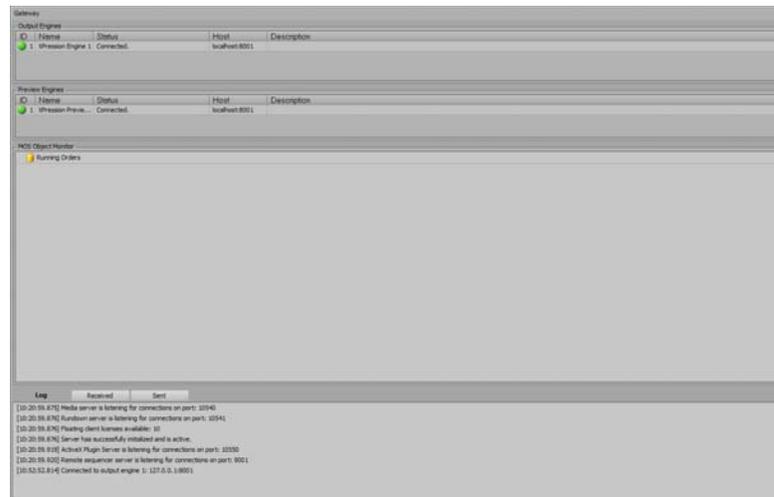


3. Type a name and description for the new preview engine.
4. Set the **Host** to the network address of your XPression system (type *localhost* if the XPression Gateway is installed on the XPression PC).
5. Set the **Port** to *8001*.
6. Click **OK**.

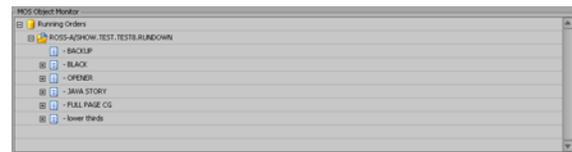
## Verifying Settings

Use the following points to quickly verify if XPression, the XPression Gateway, and ENPS are configured and communicating properly:

- Green icons should be displayed next to each output and preview engine in the XPression Gateway application.
- If green icons are not displayed:
  - › ensure that the XPression Gateway PC and the XPression PC are visible to each other on the network.
  - › ensure that the XPression application is running.



- When a rundown is made MOS Control Active, it should appear in the XPression Gateway.



- If the XPression Gateway is properly communicating with the XPression engines, the rundown should appear in the sequence view.

ID	Name	Host	Description	Out / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0005	- BLACK: ZLine Anchor Live...			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0006	- OPENER: Spin Open			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0007	- OPENER: ZLine Anchor N...			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0008	Scene1 - JAVA STORY: ZLine L3			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0009	- JAVA STORY: ZLine Anch...			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0010	- FULL PAGE CG: IC Press...			Cut / Cut	1	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0011	- FULL PAGE CG: FLAG Gen...			Cut / Cut	1	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0012	Scene1 - lower thirds: Zline L3			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0013	- lower thirds: Zline L3			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0014	- lower thirds: Zline L3			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0015	- lower thirds: Zline L3			Cut / Cut	0 (visible)	FrameBuffer 1	00:00:00.00	00:00:00.00	00:00:00.00