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_xxx.exe** file to the computer.
- 4. Double-click the **xpMOSGateway-x.xx_xxx.exe** icon.

The Setup - XPression MOS Gateway wizard opens.



5. Click Next.

The Select Destination Location screen opens.

Select Destination Location Where should XPression MOS Gateway be	installed?
Setup will install XPression MOS Gat To continue, click Next. If you would like to set	teway into the following folder.
C:/Program Files/XPression NLE Gateway	Browse
At least 3.1 MB of free disk space is required	L .
	<back next=""> Cancel</back>

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

The Select Components screen opens.

Select Components Which components should be installed?	
Select the components you want to install; cle Click Next when you are ready to continue.	ear the components you do not want to install.
Full installation	•
ZPression MOS Gateway	2.4 MB
Current selection requires at least 3.1 MB of c	lisk space.
	<back next=""> Cancel</back>

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

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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.

s	ielect Additional Tasks Which additional tasks should be performed?
	Select the additional tasks you would like Setup to perform while installing XPression MOS Gateway, then click Next.
	Additional icons:
	Create a Startmenu Icon
	(Back North Control

- **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.

MOS Gateway	Completing the XPression MOS Gateway Setup Wizard Computer The application may be launched by selecting the statlard consu. Click Finish to exit Setup. Run XPression MOS Gateway
MOS Gateway	

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 AciveX Plugin pane opens.

Gateway	, Server
ActiveX Plugin ActiveX Plugin Remote Sequencer Output Engines Virtual Channel Mapping Preview Engines Persistent Templates CoserMAM	Plugs Server Part: 22550 ** Gabal Setting Geogram Refum Linefeed Substation in Stores Meximum MOS Albit acLength: 15 ** dharacters
	Ce Informe Pine Galenswy's MICL D Decime Michae Pinels Decime Michae Pinels Emable Syntax Pinels
	QK Geneel

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.

o que to	
Name:	VPression Engine 1
Description:	[]
	Synchronize Running Orders on Project Load
Renote XPre	ssion Engine
Host:	locahost
Ports	8001

- **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.

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Output Engineer	1000		and the second	
1 Uversion fr	same 1 Connected.	MORT BOOL	Description	
Preview Engines				
ID Nerre	Status	Host	Description -	
1 Ureason Pr	wie Convected.	locaPunt.8001		
HOS Object Hands				
Running Circle	es			
Log	Reported Service	-		

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

405 Object Monitor	
3 Running Orders	ē
B 🍄 ROSS-AGHOW, TEST, TESTB, RUNDOWN	
. ► ₩400.P	
B 🖪 - BAAX	
E 🚺 - OPENER	
III 1 - JAVA STORY	
B 🕕 - FULL PAGE CG	
(B) 👔 - lower thirds	
	¥

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

	OMOS.	RUSS-A SHERVAUSTATE Manual						entries: 11
0005		- BLACK: ZLine Anchor Live	Out / Out	0 (valde)	Franebuller 1	00:00:00.00	00:00:00.00	00:00:00.00
0006		- OPENER: Spm Open	OK/OK	0 (midde)	Franebuller 1	00.00:00.00	00.00.00.00	00:00:00.00
0007		OFENER: ZLine Anchor N	Cit / Cit	(widde)	Framebuffer 1	00:00:00:00	00:00:00.00	00:00:00.00
0000	Scenel	- JAVA STORY: JUNE L3	Out / Cut	0 (redde)	Franebuller 1	00:00:00:00	00:00:04.00	00:00:04.00
0009		- JAVA STORY: 2Line Anch	Out / Cut	0 (swide)	Franebuller 1	00:00:00:00	00.00.00.00	00:00:00.00
0010		- FULL FWGE CG: 1C Press	Out / Cut	1	Prameta/fer 1	00:00:00.00	00.00.00.00	00:00.00.00
0011		- FULL FAGE CG: FLAG Gen	Out/Out	1	Pranebuffer 1	00:00:00.00	00:00:00.00	00:00:00.00
0012	Scenet	- lower thirds: 2Line L3	O#/O#	0 (midde)	Pramebuffer 1	00-00-00.00	00:00:04.00	00:00:04.00
0013		- lower thirds: 2Line L3	Out/Out	0 (middle)	Framebulfer 1	00:00:00.00	00-00-00.00	00:00:00.00
0014		- lower thirds: 2Line L3	O.R./ Cut	0 (middle)	Pramets.iffer 1	00:00:00.00	00.00.00.00	00:00.00.00
0015		- kover thirds: 21 me L3	O#/O#	0 (midde)	Praneta/for 1	00:00:00.00	00:00:00.00	00:00:00.00

