Installing and Configuring the XPression Gateway

This document 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

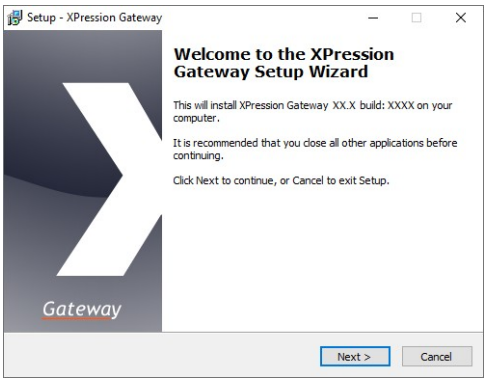
XPression should be installed prior to installing the XPression Gateway.

For information on installing XPression, refer to the *XPression Software Getting Started Guide*.

To install the XPression Gateway

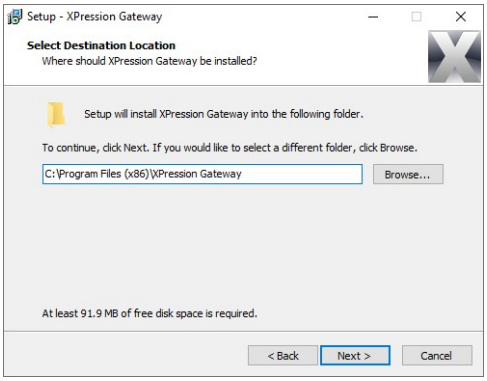
1. Log on to the XPression computer as a user that can install software.
2. Shut down all Windows applications.
3. Copy the **xpGateway-x.xx_xxxx.exe** file to the computer.
4. Double-click the **xpGateway-x.xx_xxxx.exe** file.

   The **XPression Gateway Setup** wizard opens.



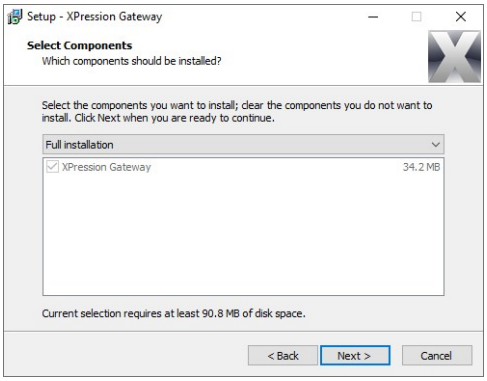
5. Select **Next**.

   The **Select Destination Location** page opens.



6. Accept the default folder or select **Browse** to select a different folder and select **Next**.

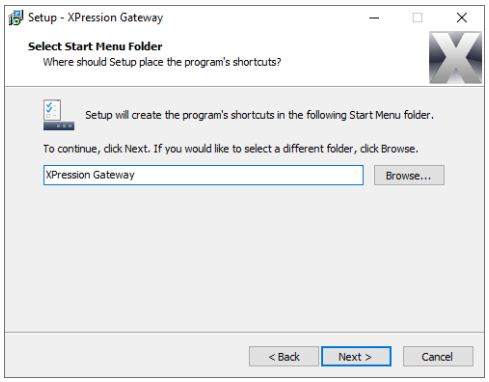
   The **Select Components** page opens.



Phone: +1 613-686-1557 • Technical Support: +1-833-859-0499 (North America) • +800 3540 3545 (Int'l) • 1 300 007 677 (Australia) • +91-22-5016-6177 (India) • 3500DR-509 • October 2026 © 2026 Ross Video Limited. Ross® and any related marks are trademarks or registered trademarks of Ross Video Limited. All other trademarks are the property of their respective companies. PATENTS ISSUED and PENDING. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, mechanical, photocopying, recording or otherwise, without the prior written permission of Ross Video. While every precaution has been taken in the preparation of this document, Ross Video assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein.

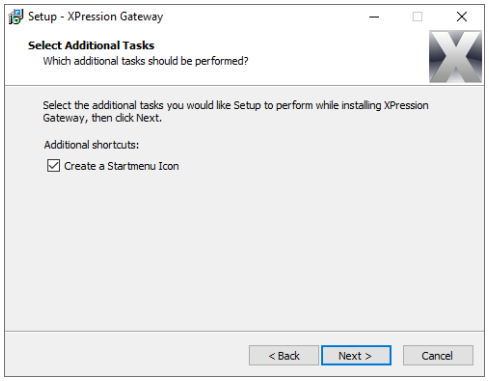
7. Accept the default components and then select **Next**.

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



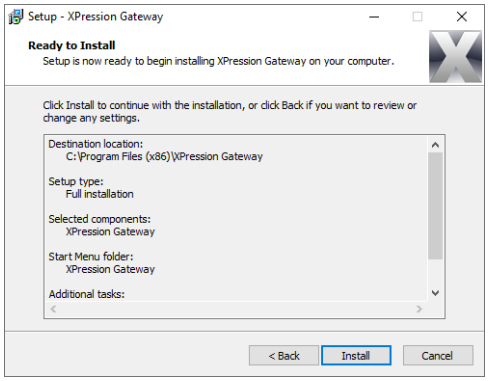
8. Accept the default **Start Menu Folder** for the program shortcut, or select **Browse** to select a custom **Start Menu Folder** and then select **Next**.

   The **Select Additional Tasks** page opens.



9. Select the checkbox to create a **Start** menu icon or clear it if you do not want a **Start** menu icon (the program is still available from the **Start** menu in the folder you specified in step 8) and select **Next**.

   The **Ready to install** page opens.



10. Select **Install** to begin installing the XPression Gateway.

    A progress bar displays the installation status. When the installation is complete, the **Completing the XPression Gateway Setup** page opens.



11. Select **Finish**.

Configuring the XPression Gateway for MOS and NLE Workflows

This section 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.*

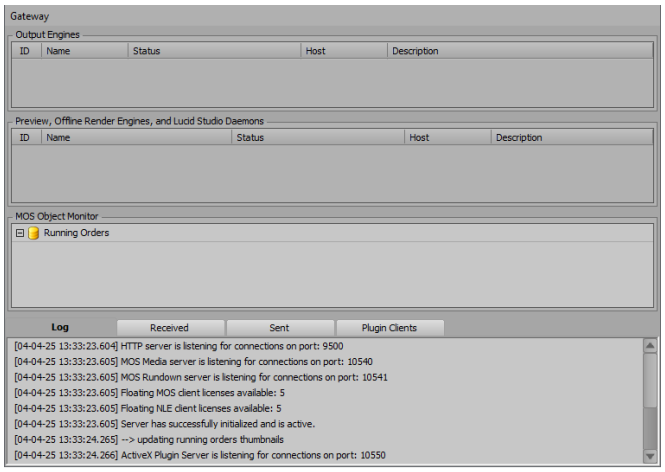
★*If you have any Citrix programs installed, such as GoToMeeting, ensure that the* ***DNE LightWeight Filter*** *is disabled in the* ***Local Area Connection Properties*** *window of any machine that is connected to the XPression Gateway, including the XPression Gateway itself.*

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To configure the XPression Gateway:

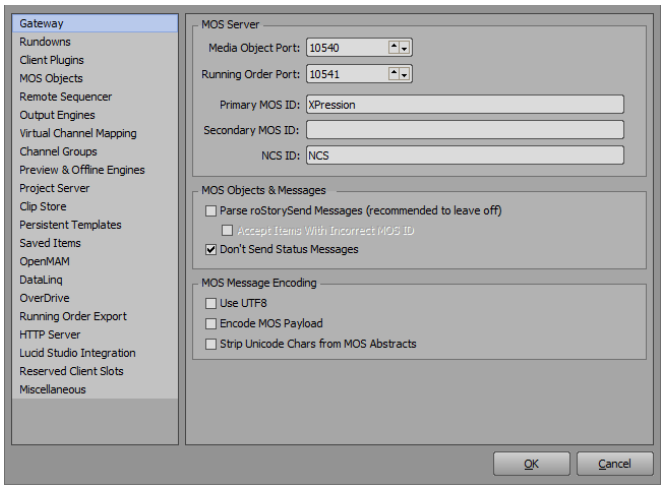
1. From the **Start** menu, select XPression Gateway.

   The **XPression Gateway** dialog opens.



2. From the **Gateway** menu, select **Settings**.

   The **Settings** dialog opens.



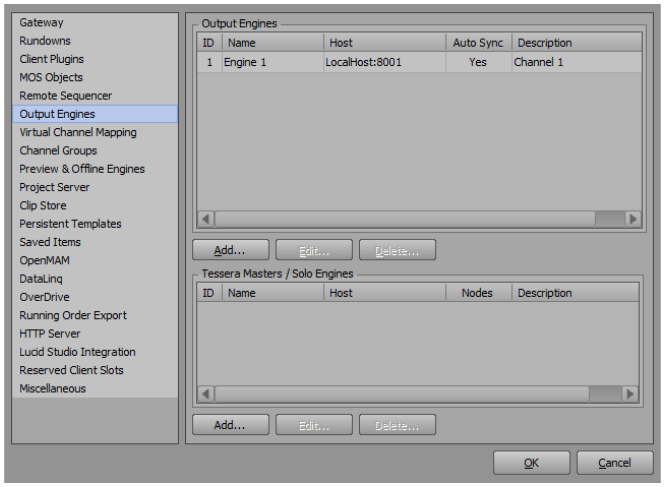
3. In the **MOS Server** section, set the **Primary MOS ID** (and **Secondary MOS ID**, if necessary) and the **NCS ID** fields as appropriate for your facility. Consult your facility engineer if you do not know this information.

4. In the **MOS Message Encoding** section, ensure that the **Use UTF8** checkbox is cleared.

To configure Output Engines:

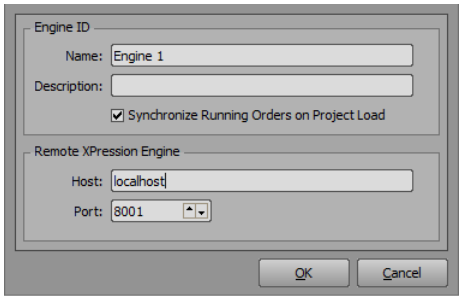
1. From the list on the left side of the dialog, select **Output Engines**.

   The **Output Engine** panel opens.



2. Select **Add**.

   The **Add Output Engine** dialog 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.

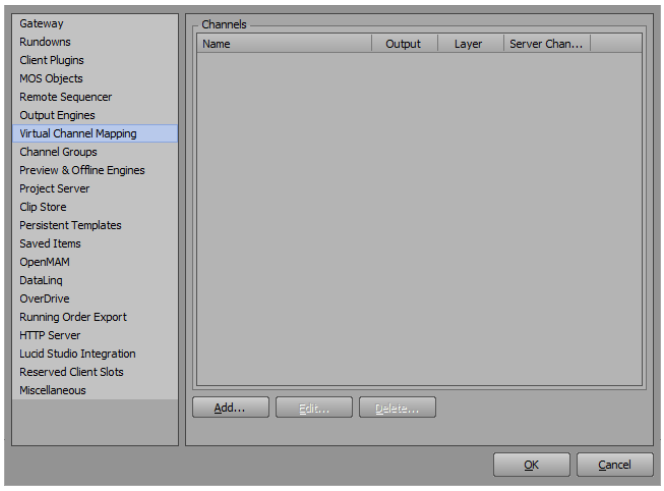
6. Select **OK**.

7. Repeat steps 1 - 6 to create output engines for each XPression server.

To configure Virtual Channels:

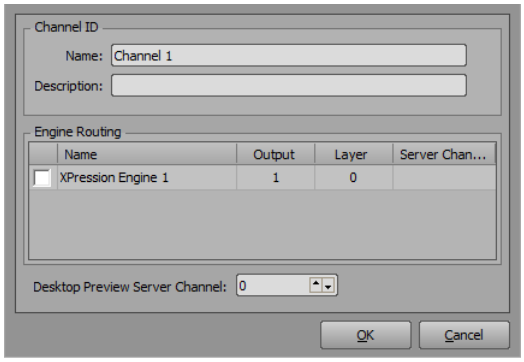
1. From the list on the left side of the dialog, select **Virtual Channel Mapping**.

   The **Virtual Channel Mapping** panel opens.

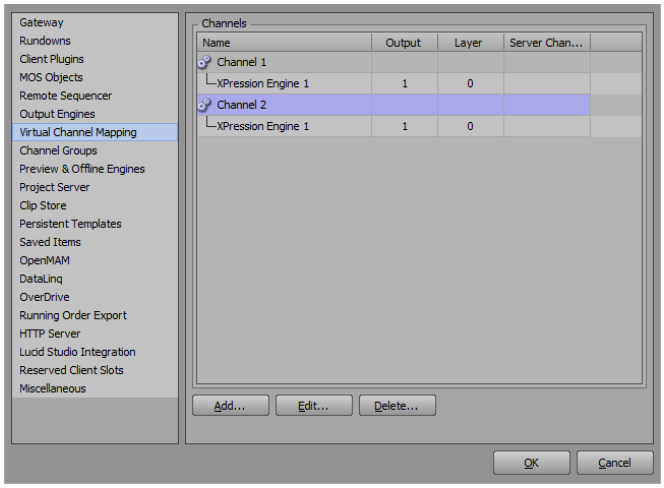


2. Select **Add**.

   The **Add Virtual Channel** dialog opens.



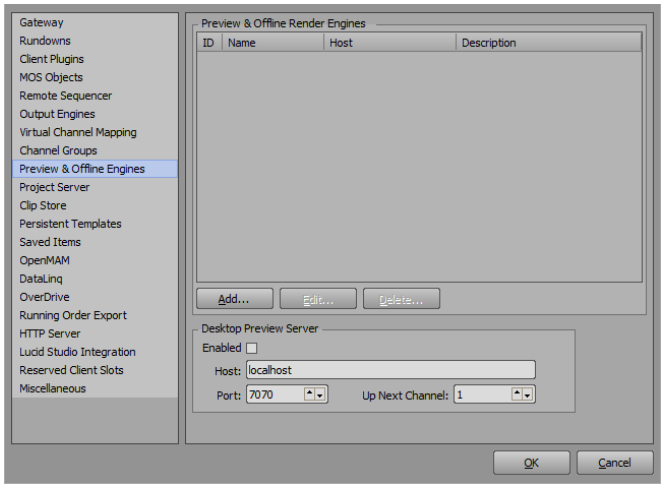
3. Type a name and description for the new virtual channel.
4. Select the checkbox next to the output engine to link to this virtual channel.
5. Set the **Output** field to the XPression output to associate with the virtual channel.
6. Set the **Layer** field to the XPression layer to associate with the virtual channel.
7. Select **OK**.
8. Repeat steps 2-7 to create virtual channels for each XPression output engine you want to access from your newsroom application.



To configure Preview Engines — Optional:

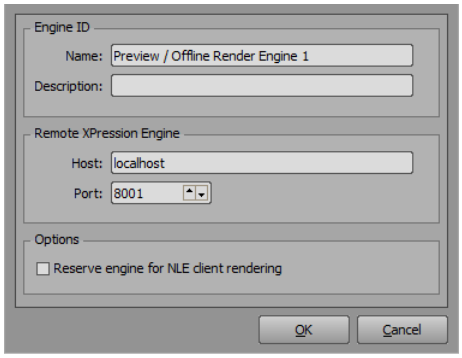
1. From the list on the left side of the dialog, select **Preview Engines**.

   The **Preview Engine** panel opens.



2. Select **Add**.

The **Add Preview Engine** dialog 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. Select **OK**.

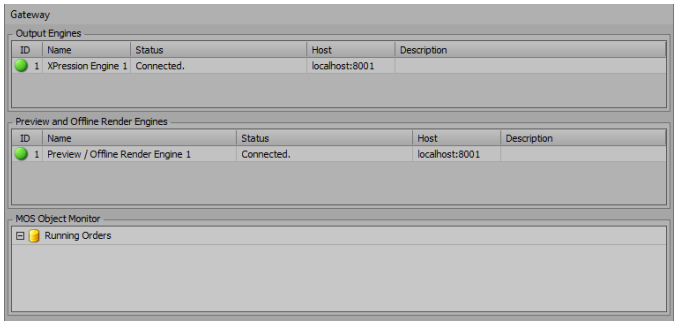
Verifying Settings

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

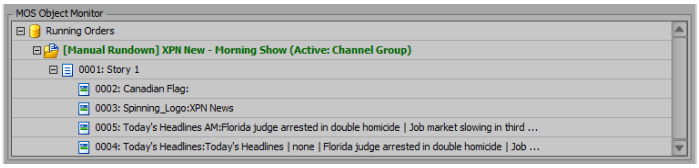
Green icons should be displayed next to each output and preview engine in the XPression Gateway application.

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.

