



# XPanel Conversion Tool

## Configuration Guide

Crestron Electronics, Inc.

**Original Instructions**

The U.S. English version of this document is the original instructions.  
All other languages are a translation of the original instructions.

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# Introduction

The Crestron® XPanel Conversion Tool converts an existing web-based XPanel project to a desktop-based XPanel project.

## NOTES:

- The XPanel Conversion Tool supports Windows® only.
- The Desktop XPanel application supports both Windows and macOS®.

## Prerequisites

- [XPanel Conversion Tool](#). Click **Resources** and download the XPanel Conversion Tool version 1.01.614.
- Crestron Toolbox™ Software version 3.07.228
- Smart Graphics® version 2.15.08.21
- Sufficient storage capacity both in the local and target destinations.
- Crestron XPanel Setup.exe for Windows
- Crestron XPanel Setup.pkg for macOS
- Adobe® Air®

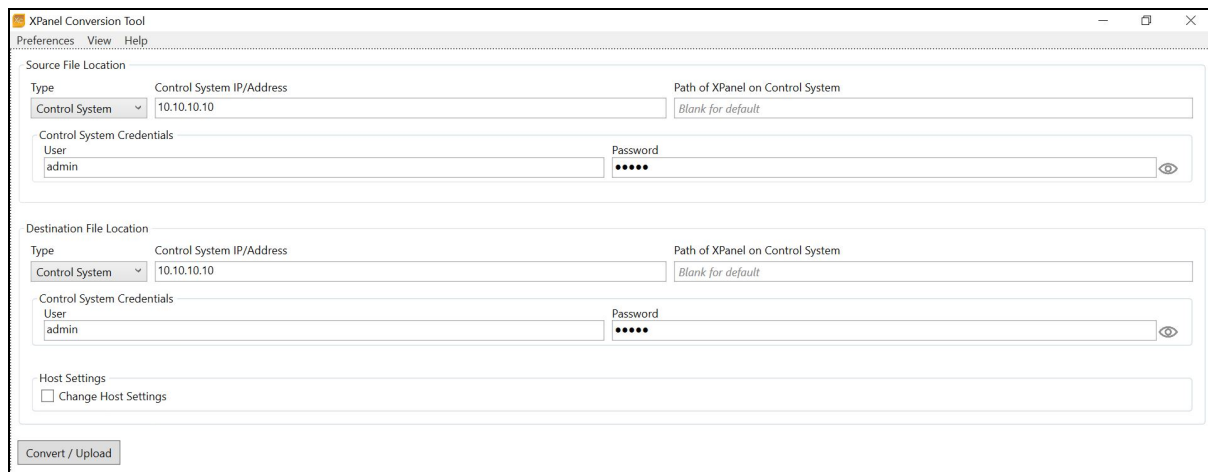
# Convert a Web-based XPanel Project

The following procedures describe how to convert a web-based XPanel project:

## Hosted on a Control System

To convert a web-based XPanel project hosted on a control system to a desktop-based XPanel project:

1. Launch the **XPanel Conversion Tool**.



The screenshot shows the XPanel Conversion Tool window. It has a menu bar with 'Preferences', 'View', and 'Help'. The main area is divided into three sections: 'Source File Location', 'Destination File Location', and 'Host Settings'. The 'Source File Location' section has a 'Type' dropdown set to 'Control System', a 'Control System IP/Address' field with '10.10.10.10', and a 'Path of XPanel on Control System' field with the placeholder text 'Blank for default'. Below this is a 'Control System Credentials' section with a 'User' field containing 'admin' and a 'Password' field with masked characters and an eye icon. The 'Destination File Location' section is identical to the source section. The 'Host Settings' section has a 'Change Host Settings' checkbox which is unchecked. At the bottom left is a 'Convert / Upload' button.

2. Under the **Source File Location** panel, select **Control System** from the **Type** drop-down menu.
3. Enter the hostname or the IP address of the control system in the **Control System IP/Address** field.
4. Do one of the following:
  - a. If there is a single XPanel hosted on the control system, the **Path of XPanel on Control System** field should be blank to use the default HTML path.
  - b. If there are multiple XPanels hosted on the control system, each XPanel should be converted individually by specifying the sub-folder path of the project files.
5. If authentication is enabled on the control system, enter the username and password in the **User** and **Password** fields, respectively. Optionally, click and hold the eye icon to view the entered password.
6. The **Destination File Location** panel fields are automatically populated based on the values entered in the **Source File Location** panel fields. The fields are identical in both the panels.

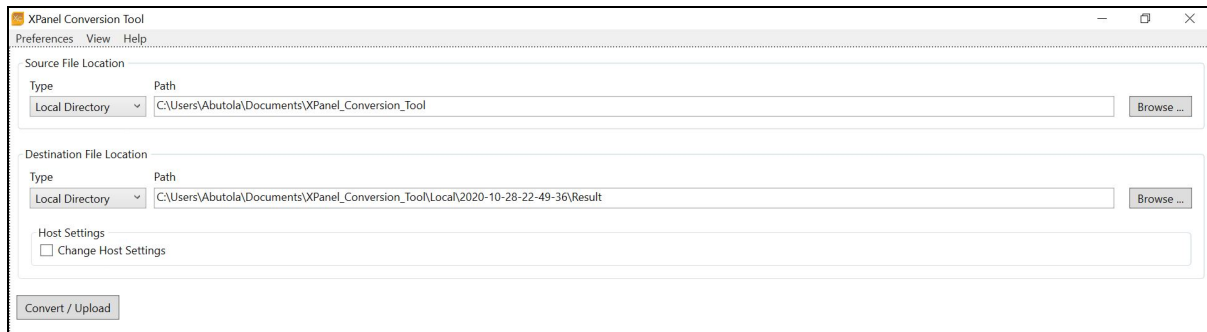
7. If there is a change in the host settings, under the **Host Settings** panel, select the **Change Host Settings** check box to edit the settings.
  - a. Enter the hostname or IP address in the **Hostname/IP** field.
  - b. Select the IPID from the **IPID** drop-down menu.
  - c. Enter the port number in the **Port** field.
  - d. Enter the value of the virtual control room ID in the **Virtual Control Room ID** field.
8. Select the **Enable SSL** check-box to enable the SSL.
9. Click the **Convert/Upload** button to convert the XPanel project and upload it to the output target.

The conversion process copies the source files to a local directory. It generates a .c3p project file and a new HTML landing page and copies the converted files back to the source location.

# Hosted on a Fusion Server or Any Other Windows based IIS Web Server

To convert a web-based XPanel project hosted on a Fusion server or any other Windows based IIS web server to a desktop-based XPanel project:

1. Install the XPanel Conversion Tool on the Fusion server. For detailed information, see [Fusion documentation](#).
2. Launch the **XPanel Conversion Tool**.



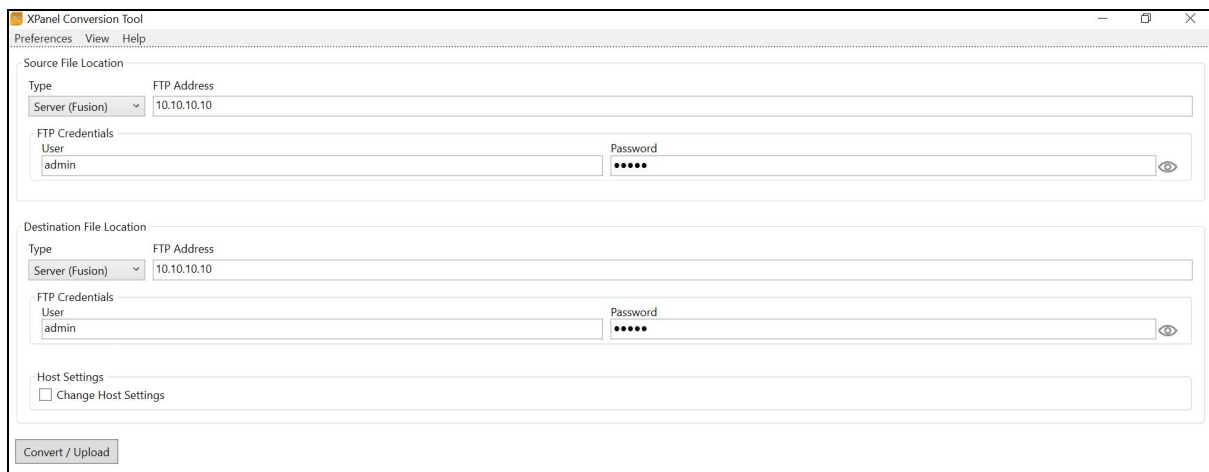
3. Under the **Source File Location** panel, select **Local Directory** from the **Type** drop-down menu.
4. In the **Path** field, click the **Browse...** button and navigate to the location where the web XPanel is installed. Generally, the web XPanel is available in the `C:\inetpub\wwwroot` directory path.
5. Under the **Destination File Location** panel, select **Local Directory** from the **Type** drop-down menu.
6. In the **Path** field, click the **Browse...** button and select the same directory path as selected in Step 4.
7. Click the **Convert/Upload** button to convert the XPanel project and upload it to the output target.



# Using FTP Hosted on a Fusion Server or Any Other Windows based IIS Web Server

To convert a web-based XPanel project using FTP hosted on a Fusion server or any other Windows based IIS web server to a desktop-based XPanel project:

1. Enable the FTP feature on the Windows server and set the root directory to the location of the XPanel. For detailed information, refer to the [Windows Server](#) documentation.
2. Launch the **XPanel Conversion Tool**.



The screenshot shows the XPanel Conversion Tool window. It has a menu bar with 'Preferences', 'View', and 'Help'. The main area is divided into two panels: 'Source File Location' and 'Destination File Location'. Both panels have a 'Type' dropdown menu set to 'Server (Fusion)' and an 'FTP Address' text field containing '10.10.10.10'. Below these are 'FTP Credentials' fields for 'User' (containing 'admin') and 'Password' (containing six dots). At the bottom of the window is a 'Host Settings' section with a checkbox for 'Change Host Settings' and a 'Convert / Upload' button.

3. Under the **Source File Location** panel, select **Server (Fusion)** from the **Type** drop-down menu.
4. Enter the FTP server host name or IP address in the **FTP Address** field.
5. Enter the username and password in the **User** and **Password** fields, respectively.
6. The **Destination File Location** panel fields are automatically populated based on the values entered in the **Source File Location** panel fields. The fields are identical in both the panels.
7. Click the **Convert/Upload** button to convert the XPanel project and upload it to the output target.

# Hosted on a VC 4 Control System

To convert a web-based XPanel hosted on a VC 4 control system to a desktop-based XPanel project:

1. Copy the XPanel directory and files to a local directory of your workstation.
2. Launch the **XPanel Conversion Tool**.

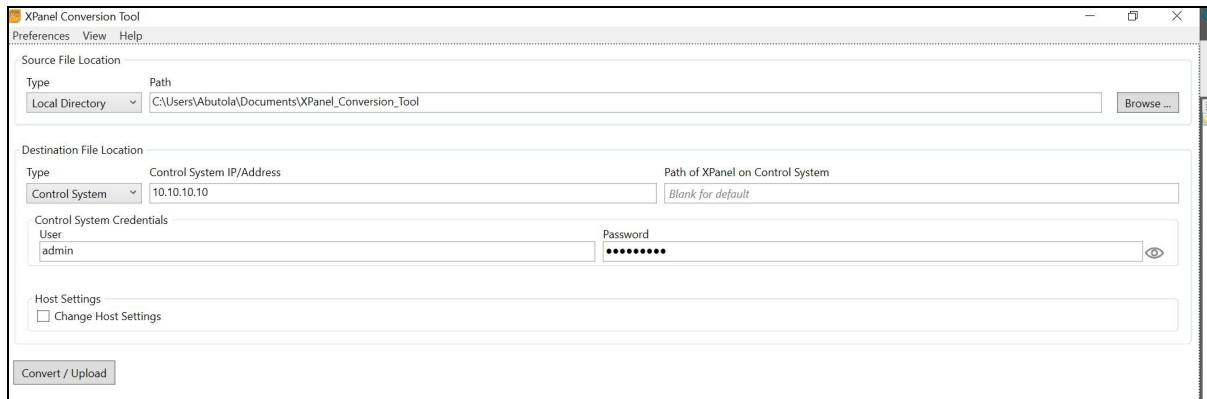


3. Under the **Source File Location** panel, select **Local Directory** from the **Type** drop-down menu.
4. In the **Path** field, click the **Browse...** button and navigate to the location where the XPanel files are copied in your workstation.
5. Under the **Destination File Location** panel, select **Local Directory** from the **Type** drop-down menu.
6. In the **Path** field, keep the default location or change it by clicking the **Browse...** button.
7. Click the **Convert/Upload** button.
8. Copy the converted files back to the VC 4 server.

# Convert a New XPanel (Smart Graphics) Project

To convert a new XPanel project to a desktop-based XPanel project:

1. Use the VT-Pro-e to create a new web XPanel to host on a control system.
2. Launch the **XPanel Conversion Tool**.



The screenshot shows the XPanel Conversion Tool window. It has a menu bar with 'Preferences', 'View', and 'Help'. The main area is divided into several sections: 'Source File Location' with a 'Type' dropdown set to 'Local Directory' and a 'Path' field containing 'C:\Users\Abutola\Documents\XPanel\_Conversion\_Tool' and a 'Browse...' button; 'Destination File Location' with a 'Type' dropdown set to 'Control System', a 'Control System IP/Address' field containing '10.10.10.10', and a 'Path of XPanel on Control System' field with the placeholder text 'Blank for default'; 'Control System Credentials' with a 'User' field containing 'admin' and a 'Password' field with masked characters and an eye icon; and 'Host Settings' with a 'Change Host Settings' checkbox. At the bottom left is a 'Convert / Upload' button.

3. Under the **Source File Location** panel, select **Local Directory** from the **Type** drop-down menu.
4. In the **Path** field, click the **Browse...** button and navigate to the compiled files.
5. Under the **Destination File Location** panel, select **Control System** from the **Type** drop-down menu.
6. Enter the hostname or the IP address of the control system in the **Control System IP/Address** field.
7. The **Path of XPanel on Control** field should be blank to use the default HTML path.
8. If authentication is enabled on the control system, enter the username and password in the **User** and **Password** fields, respectively. Click and hold the eye icon to view the entered password.
9. Click **Convert/Upload**.
10. Verify the conversion by using the hostname or IP address of the control system.

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