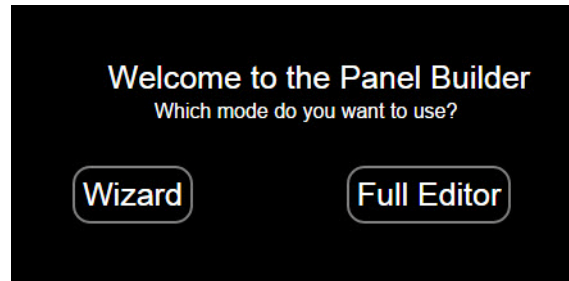

N-Touch Wizard TUTORIAL



When you first open the **Panel Builder**, the welcome screen (shown below) appears. From this screen, you can choose to launch the **Panel Builder's** easy-to-use **Wizard** or use the **Full Editor** tool. For this tutorial, choose **Wizard** to continue.



Choosing between Wizard and Full Editor

Consider the following when choosing between **Wizard** and **Full Editor** mode:

- **Wizard** allows full control as well as custom buttons and panels.
- **Full Editor** allows multi-state buttons, conditional logic, and feedback programming not available in the **Wizard**.
- Panels created using the **Wizard** can be imported into the **Full Editor** if those features are needed at a later date.

*Note: **Full Editor** panels cannot be imported back into the **Wizard**, but they are compatible with SVSi's Panel Builder software on the N8000-series controllers.*

When you first open the **Wizard**, an image of your controller displays.

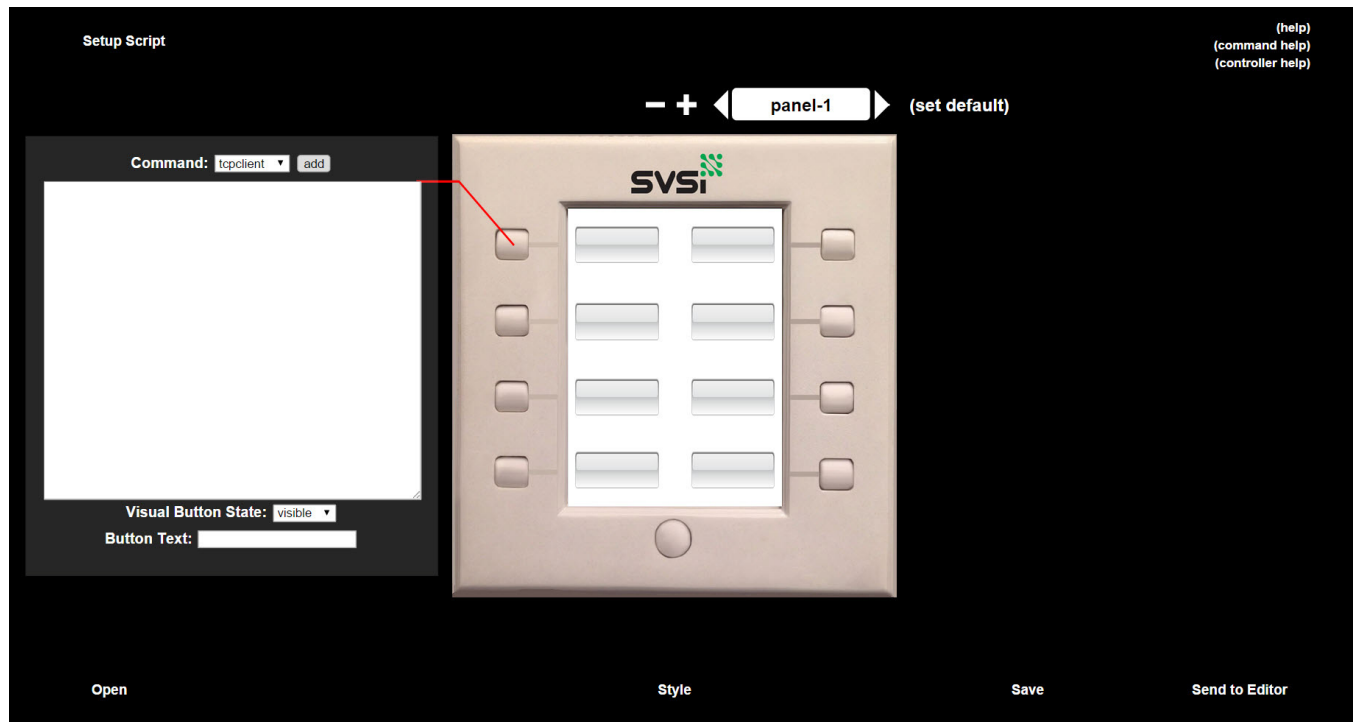


The selections available on this screen are described in the following table:

Option	Description
Setup Script	Click to modify a script/function that will execute when the project loads. Possible uses include setting up variables for other scripts to use and requiring controller modules to control specific types of devices.
+	Click to add another panel to your project.
-	Click to delete the current panel from your project.
(set default)	Click to set the current panel as the home screen for the wall controller.
help links	Click the help links to access the following information: <ul style="list-style-type: none"> The (help) link opens this tutorial. The (command help) link provides a list of tcp commands used to control SVSi products. The (controller help) link provides a list of SVSi controllers and modules.
Open	Click to open an existing project in the Wizard .
Style	Click to alter the style of the current panel. Set the panel's background image, button background images, as well as button text size, color, and font. Clicking Reset reloads the default images onto the panel. Click OK to accept changes/close the Style pane.
Save	Click when you have finished adding panels and commands to your N-Touch project. Choose Here's a link to your project to obtain a hyperlink to your project, or choose Set to Wall Controller to assign the project as the N-Touch panel default display.
Send to Editor	Click to open the current project in the Full Editor mode. This mode allows for the creation of multi-state buttons and conditional logic programming not available in the Wizard .

Adding Functions to the Controller Buttons

To add functions (that will then fire when a button is pressed on the controller), click one of the image's buttons shown on your **Wizard** screen. A properties pane for that button displays (as shown below).



The properties pane allows you to configure the following for the corresponding button on your wall controller:

Option	Description
Command drop-down menu	Choose the script/function that will execute when the button is pressed. Choices include: <ul style="list-style-type: none"> • tcpclient: Assigns the button to execute the tcp command(s) entered. • udpclient: Assigns the button to execute the udp command(s) entered. • goto: Assigns the button to a different panel in the project. In other words, when the button is pressed, the display on the wall controller changes to whatever panel has been assigned to that button using this function.
Visual Button State drop-down menu	Choose to make the buttons displayed on the screen visible or hidden .
Button Text field	Enter any text you would like to display on the wall controller's screen for that button. You can change font size, color, and type by clicking on Style .

Building a Panel

The following example shows you how to design a system that is a 2x2 matrix consisting of the following:

- Two SVSi N-Series encoders on streams 120 and 153.
- Two SVSi N-Series decoders on IP addresses 169.254.198.227 and 169.254.34.55.

Note: You can use SVSi's free N-Able software to set or determine stream numbers and IP addresses on your SVSi equipment. This software is available for download on your PC or Mac at <http://svsiav.com/support/resources/software>.

1. Using the **Wizard**, create a panel with four buttons. To create the first button, follow the example in the screen shot below.

a) Click the Button 1 to display its properties pane.

b) Select **tcpclient** from the drop-down menu.

c) Click **add**.

d) Edit the displayed commands to match your configuration.

e) Continue in this manner for Buttons 2 through 4 (refer to the table on the next page for details).

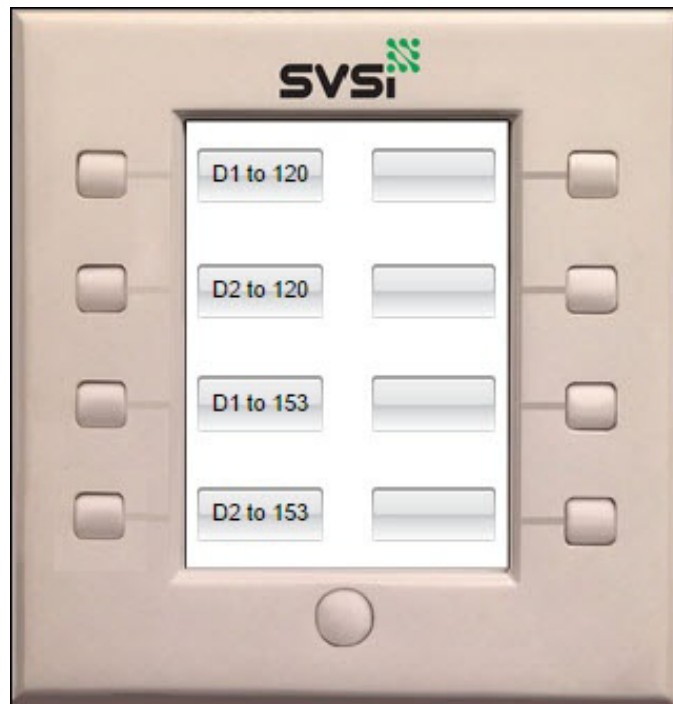
2. After you click **add**, default tcp commands display (as shown in the previous screen shot).

3. Edit the last line of the tcp command to customize it to your configuration. Use the following table as a guide as you set up each of the four buttons:

Button	Selections	Function
Button 1 (as shown in the previous screen shot)	<ul style="list-style-type: none"> Click the button to display its properties pane. Select tcpclient from the Command drop-down menu and click add. Edit the last line to read as follows: <code>tcpclient("169.254.198.227", 50002, asciiToHex ("set:120"));</code> Enter D1 to 120 in the Button Text field. 	When this button is pressed on the wall controller, decoder 1 will switch to stream 120.
Button 2	<ul style="list-style-type: none"> Click the button to display its properties pane. Select tcpclient from the Command drop-down menu and click add. Edit the last line to read as follows: <code>tcpclient("169.254.34.55", 50002, asciiToHex ("set:120"));</code> Enter D2 to 120 in the Button Text field. 	When this button is pressed on the wall controller, decoder 2 will switch to stream 120.
Button 3	<ul style="list-style-type: none"> Click the button to display its properties pane. Select tcpclient from the Command drop-down menu and click add. Edit the last line to read as follows: <code>tcpclient("169.254.198.227", 50002, asciiToHex ("set:153"));</code> Enter D1 to 153 in the Button Text field. 	When this button is pressed on the wall controller, decoder 1 will switch to stream 153.
Button 4	<ul style="list-style-type: none"> Click the button to display its properties pane. Select tcpclient from the Command drop-down menu and click add. Edit the last line to read as follows: <code>tcpclient("169.254.34.55", 50002, asciiToHex ("set:153"));</code> Enter D2 to 153 in the Button Text field. 	When this button is pressed on the wall controller, decoder 2 will switch to stream 153.

*Note: You can add any number of tcp and udp commands to be executed when the wall controller button is pressed. For more commands that can be sent as tcp hex commands, click the **(command help)** link located in the top right corner of the **Wizard**.*

4. Once you have added all four buttons, the resulting screen should look like this.

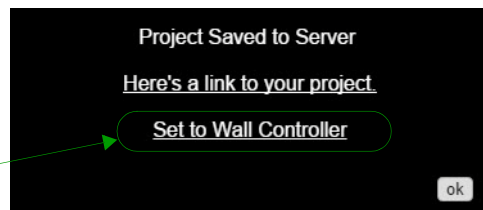


5. Click **Save** and enter a name for your project.
6. Click **ok** to save the project.



7. The following screen displays, giving you the option to test your new panel out in the web browser (and get a link to your project) or send the new panel directly to the wall controller. For this tutorial, click **Set to Wall Controller**.

Click to make this panel appear on the wall controller's default screen.



8. Loading the panel to the wall controller takes a few seconds (during which time the screen will be black). When complete, the following message displays to let you know the panel loaded successfully.

