PulseWorx Gateway

Virtual Keypads

The three main points about keypads when using the PulseWorx Gateway:

- PulseWorx 6, 7, and 8 button keypads show a "popup" keypad when their icon is tapped on the mobile application display
- In UPStart, on the "Engraving" tab of the keypad properties there is a place to enter text to label each button
- Using the mobile application when you press on the popup keypad button you cause the same action that would happen when you pressed the button on the actual keypad

Using UPStart it is possible to add a "virtual keypad" to any room of your home. To clarify, a virtual keypad is:

- A keypad device that you add to your UPStart file in a special way
- Configured just like any other keypad by opening its properties in UPStart and configuring the "Keypad Tx", "Indicators", and "Engraving" tabs
- A popup keypad appears on the mobile display when you tap on the virtual keypad's icon
- You can "push" any of the popup keypad buttons and the scene you configured that button for is activated / deactivated
- However, there is no actual PulseWorx keypad installed in that room

Why would you want to add virtual keypads to your home? For the same reason you would add a real keypad to your home: To activate or deactivate scenes. Let's take an example.

Suppose you have a room in your home with more than one light and for reading you would like to have most of the lights at 50% and your reading light at 90%. To make this happen, you could open the mobile application and long-tap on each device and set the level you want them to go to. That would work fine, but it would be simpler if you configured a scene – called "Scott's Room Reading" for example – and then configure each light to respond to that scene. How is this new scene activated? You could have a real keypad installed in the room and then you could push the button on its associated popup keypad from the mobile application to activate that scene.

Another option is to add a virtual keypad to the room, configure it as needed and then from your mobile application "push" the button and the scene activates. As far as the mobile application is concerned, virtual and real keypads are exactly the same.

To add a virtual keypad to your design, select the "PulseWorx Gateway" ribbon category, then press the "Add Virtual Keypad" button in the "Gateway Tools" panel. This dialog opens.
All you need do is select the room you want the keypad to appear in, give the keypad a name, and choose the type of keypad. Once added, configure it like any other keypad then export your design to the Gateway and you are ready to go.

One great use of virtual keypads is to make the whole remote access experience easier for the less technical folks in your home by customizing a keypad just for them. Create a new room with their name and in that room add a virtual keypad. Configure the buttons to control just the scenes you want them to control. Then all they need know is to connect to the Gateway from their mobile device, tap on the room named for them tap on the one keypad in the room and then they can easily control just the scenes you configured for them.