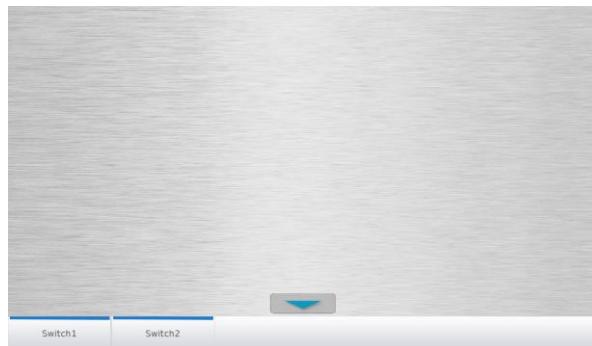


# Sample Templates Document: Stack Panel\_and\_Dock\_Panel\_Bottom.blu



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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

Failure to use Schneider Electric software or approved software with our hardware products may result in injury, harm, or improper operating results.

Failure to observe this information can result in injury or equipment damage.

## Safety Information



### Important Information

#### NOTICE

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a "Danger" or "Warning" safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### ⚠ DANGER

**DANGER** indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

#### ⚠ WARNING

**WARNING** indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

#### ⚠ CAUTION

**CAUTION** indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

#### NOTICE

**NOTICE** is used to address practices not related to physical injury.

### PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

## About the Book



### At a Glance

#### Document Scope

This manual describes how to use this product.

#### Validity Note

This documentation is valid for this product.

The technical characteristics of the device(s) described in this manual also appear online at <http://www.pro-face.com>.

The characteristics presented in the present document should be the same as those that appear online. In line with our policy of constant improvement we may revise content over time to improve clarity and accuracy. In the event that you see a difference between the document and online information, use the online information as your reference.

#### Registered Trademarks

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Product names used in this manual may be the registered trademarks owned by the respective proprietors.

#### Related Documents

You can download the manuals related to this product, such as the software manual, from our support site at <http://www.pro-face.com/trans/en/manual/1001.html>.

#### Product Related Information

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

In the event this product does not run properly due to whatever reason, it may be difficult or impossible to identify a function. Functions that may present a hazard if not immediately executed, such as a fuel shut-off, must be provided independently of this product. The machine's control system design must take into account the operator being unable to control the machine or making mistakes in the control of the machine.

## **WARNING**

### UNINTENDED EQUIPMENT OPERATION

The application of this product requires expertise in the design and programming of control systems. Only persons with such expertise should be allowed to program, install, alter, and apply this product.

- Follow all local and national safety standards.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

For additional information, refer to NEMA ICS 1.1 (latest edition), "Safety Guidelines for the Application, Installation, and Maintenance of Solid State Control" and to NEMA ICS 7.1 (latest edition), "Safety Standards for Construction and Guide for Selection, Installation and Operation of Adjustable-Speed Drive Systems" or their equivalent governing your particular location.

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Target: ST-6500WAD

Driver: None

BLUE version 3.1 Service Pack1 or later

## Template Overview

This template has a dock panel with 2 grids docked (top and bottom grid). Its visibility is managed with a switch. Bottom grid has a Stack panel in the bottom side of the screen (It has 2 main switches and 3 sub-text boxes for each switch.).

## Project structure

- On Screen1, Dock Panel is placed with a switch to toggle between single or two grids.

## Run Time Behavior

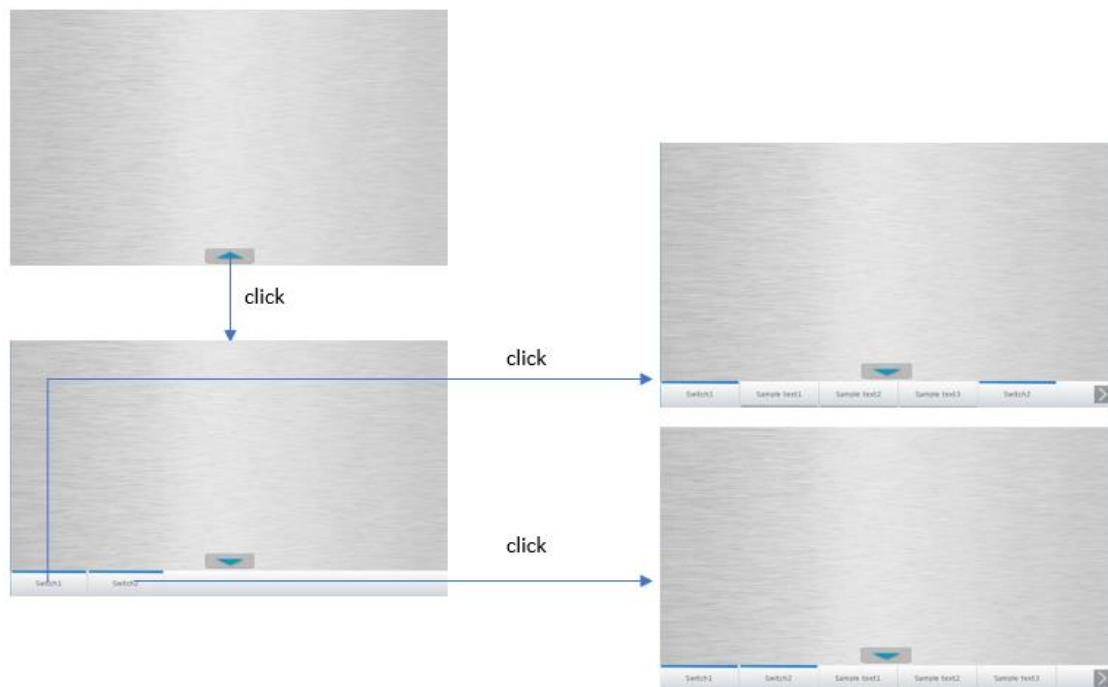
Runtime/Simulation of this template displays an image with a switch.

Click the switch to open another grid (i.e., Stack Panel) in the bottom of the screen.

To restore back to single grid, click the switch again.

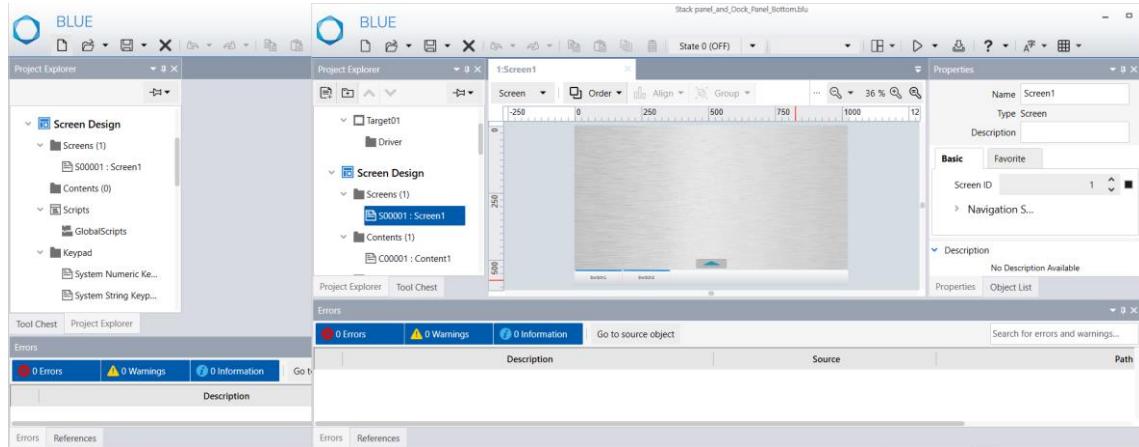
In Stack Panel, 2 switches are placed. Click Switch1/Switch2 to display their respective sub-text boxes.

To close the sub-text boxes, click the switch again.



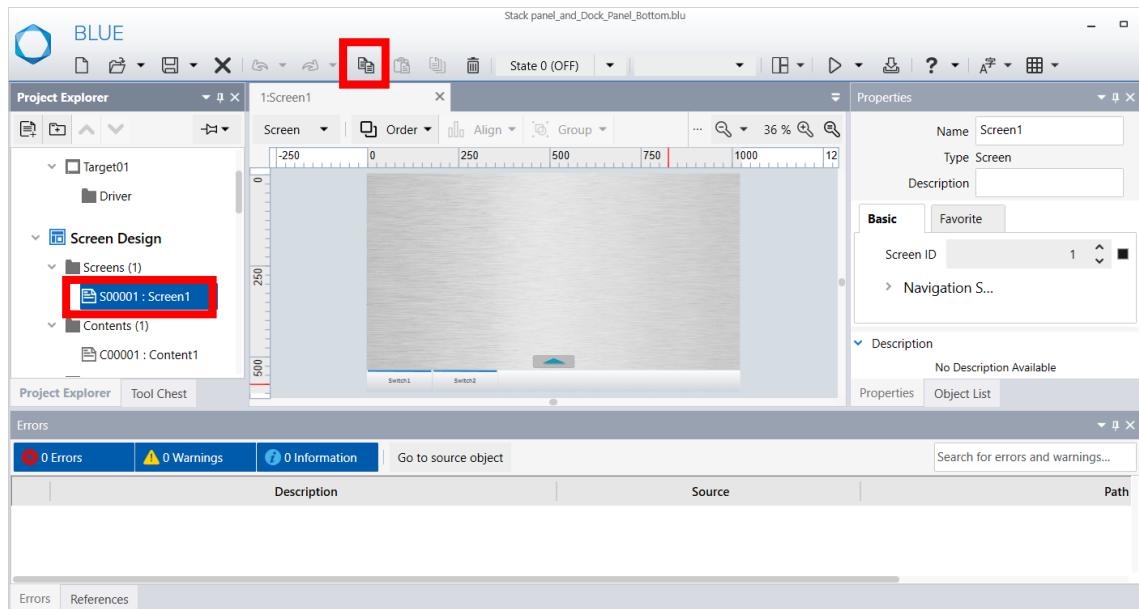
## How to copy the objects to your project file

1. Open your project file and downloaded project file simultaneously.



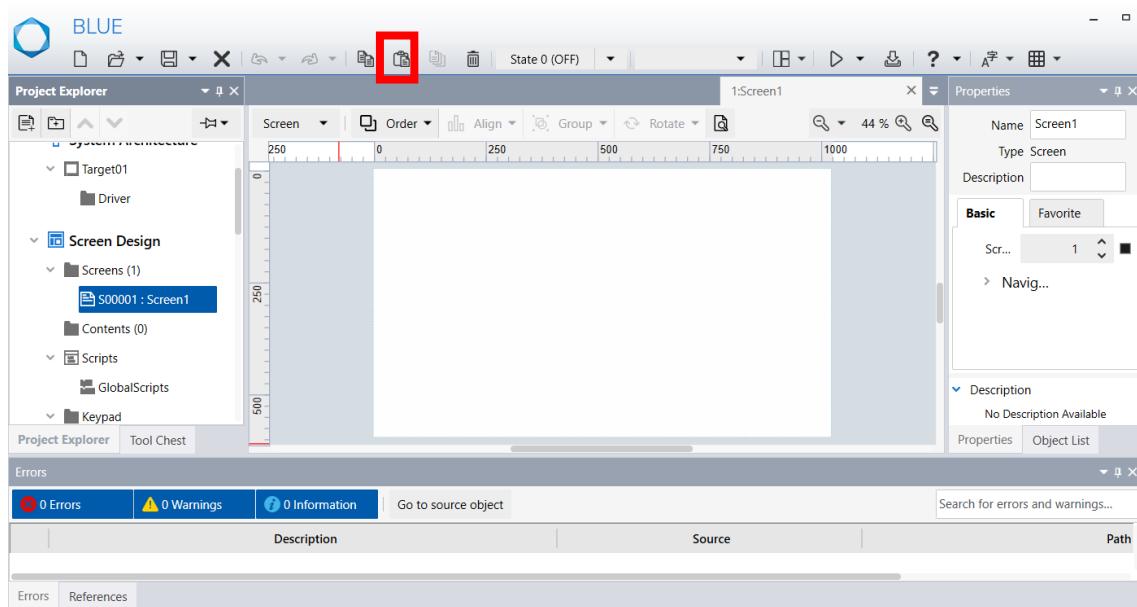
2. Open the downloaded project file.

Click the “Screen1” and copy the content using  copy icon in global Toolbar.



3. Open your project file.

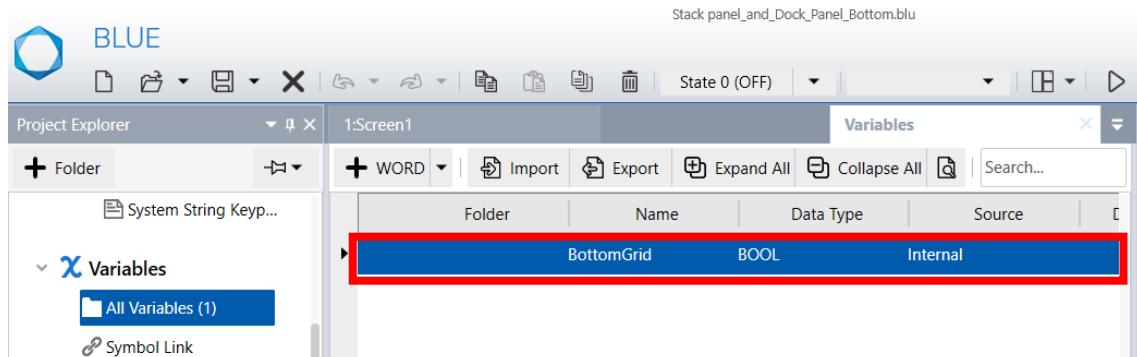
Click “Screen1” and paste  icon in global Toolbar.



4. Select “Start Screen ID” and “OK”. Copied content is successfully pasted in your project.



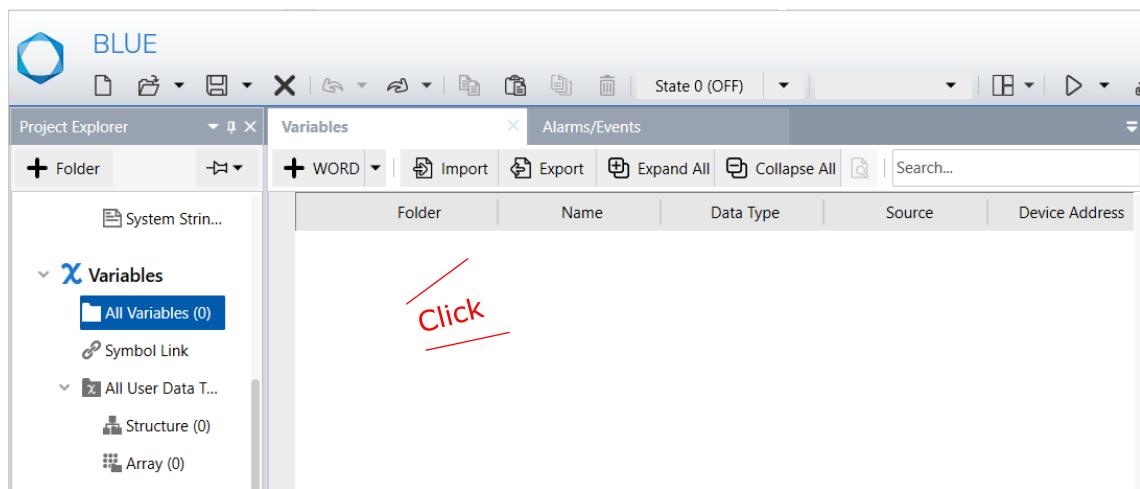
5. Open downloaded file and select “All Variables”.
6. Select the Variable.



7. Click copy icon in global toolbar.

8. Open your project file and select “All Variables”.

Click an existing variable or a blank Variable and click paste icon in global toolbar.



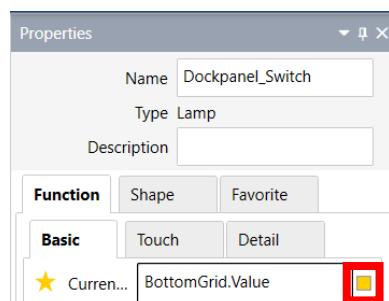
The copied variable is pasted in your project.

Note: You can also create your own variables to display in alarm.

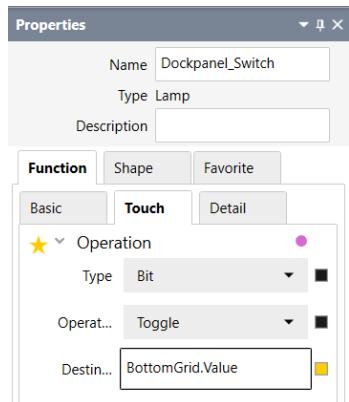
### How to change variable

If you create new variable, then make the following changes:

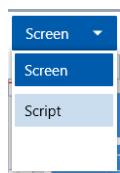
- I. Select “Screen1” in Project Explorer.
- II. Select the “Dockpanel\_Switch”.
- III. In “Properties” window, in Function > Basic > Current Value, click right side small square in Variable.



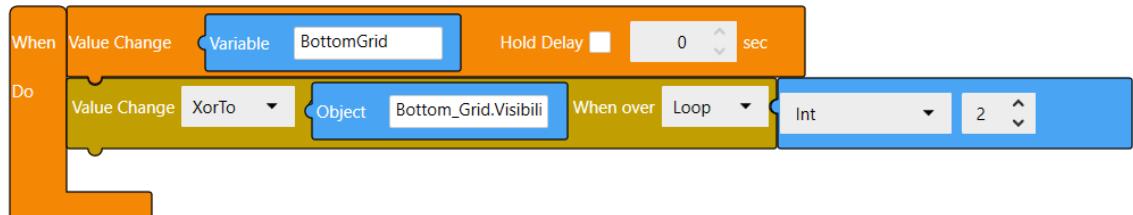
- IV. Select “Variable”
- V. Add new Bool variable or select Bool variable.
- VI. Similarly, configure the same variable in Function > Touch > Destination



VII. Select “Script” from drop-down in the top of the screen.



VIII. In Script editor, select the created variable in below logic:

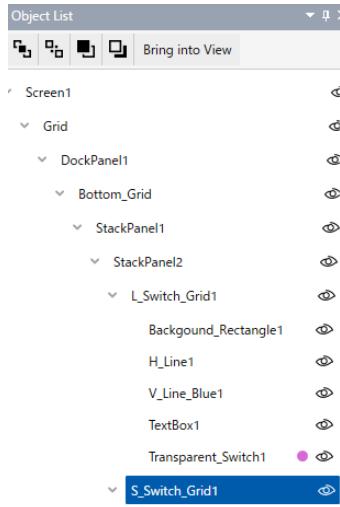


Note: In the above logic, Source is Variable (Bottom Grid) and Destination is Bottom\_Grid.Visibility (i.e., visibility of the object Bottom\_Grid is managed in this logic.). Visibility states are 0: Visible, 1: Hidden, 2: Collapsed; state 2 is set in this logic

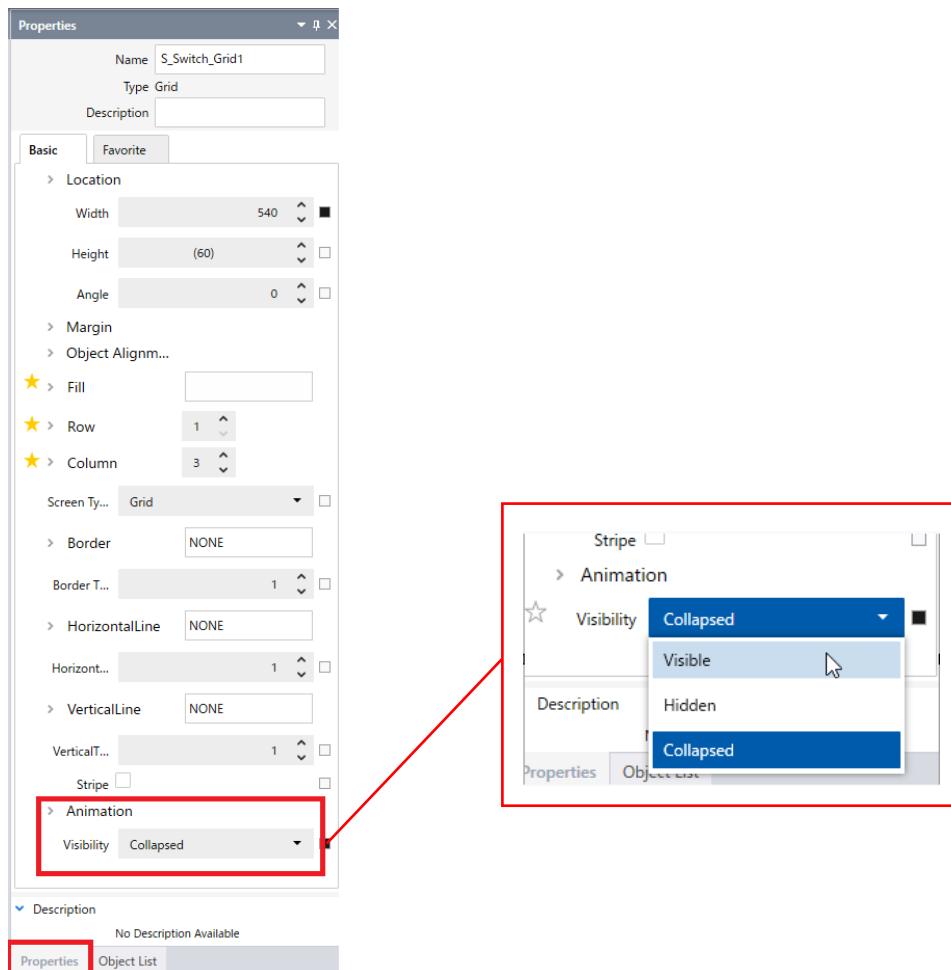
When the variable value changes this logic is executed and exclusive logical sum (XOR) of source and destination is written to destination.

## How to change hidden switches

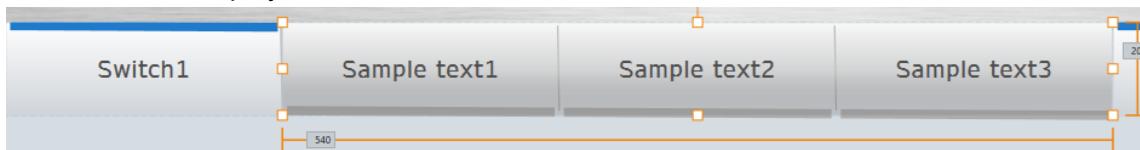
1. Select a grid [S\_Switch\_Grid1] (or [S\_Switch\_Grid2]) in [Object List]



2. Open [Properties] of a grid [S\_Switch\_Grid1] (or [S\_Switch\_Grid2]) and change Animation Visibility from [Collapsed] to [Visible]



3. 3 switches are displayed.



After changing settings, select Animation Visibility from [Visible] to [Collapsed] again.

