# User Instructions: SE 1794 Flex I/O Faceplates
09/13/07 Rev 1.0

The "SE 1794 Flex I/O Faceplates" files allow you to quickly load, configure, and use preconfigured status and diagnostic displays or "faceplates" for Flex 1794 Digital and Analog I/O using RSView Supervisory Edition.

The example below shows the types of Flex I/O template objects that can be added to a specific system display. The I/O button templates can be configured to launch the on-top status and diagnostic displays or "faceplates" for the particular I/O modules they represent.

Example of I/O Button Templates used to launch a digital and analog faceplate
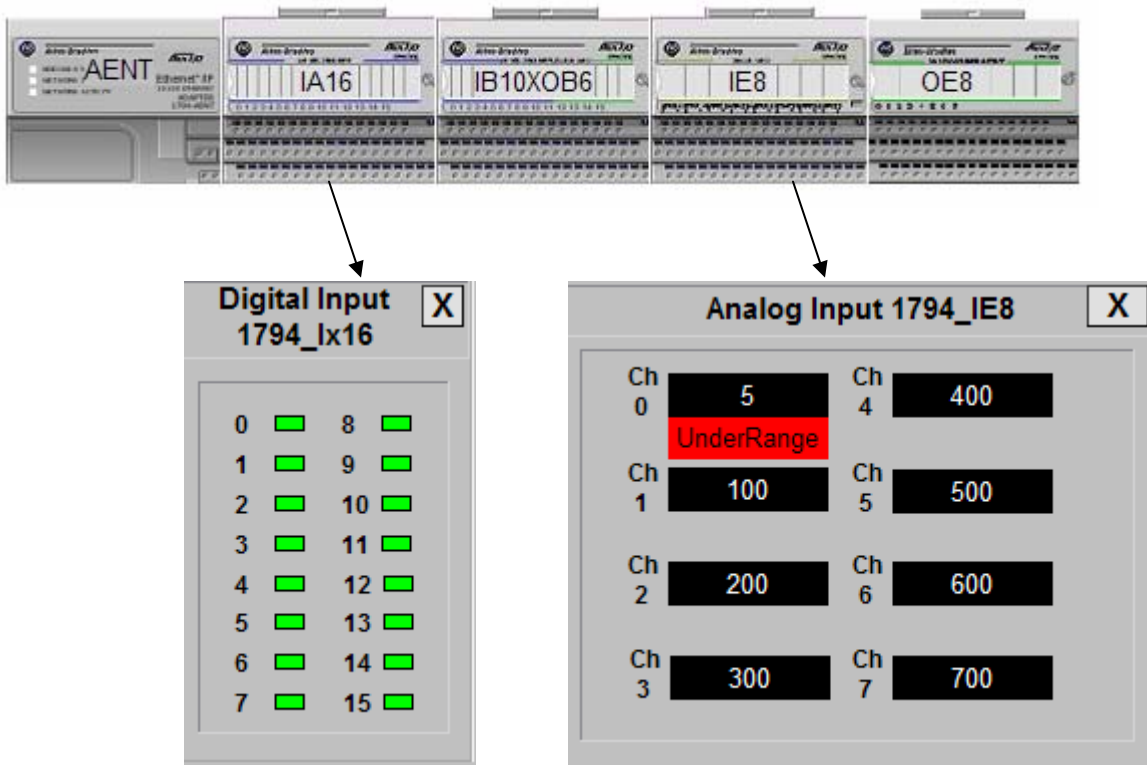
System Compatibility

The faceplate files are compatible with:
RSLogix5000 V15 or later
RSView Supervisory Edition 4.0 or later.

> Before using faceplate files, please upgrade your RSView Studio Supervisory Edition Version 4.0 with the patches posted on or after 01/01/07.

> The latest RSView Studio Supervisory Edition 4.0 patches may be found within the Rockwell Automation Knowledgebase at the following website/ Answer ID:
> http://www.rockwellautomation.com/knowledgebase
> Answer ID: 35680

NOTE: These instructions are for local or distributed I/O on EtherNet/IP and ControlNet but not DeviceNet.

The following modules are compatible with these instructions:

Digital	Analog
1794-IA16/A	1794-IE12
1794-IA8/A	1794-IE4XOE2B
1794-IA8I/A	1794-IE8
1794-IB10XOB6	1794-IE8H
1794-IB16/A	1794-IE8XOE4
1794-IB16D/A	1794-IF2XOF2I
1794-IB16XOB16P	1794-IF4I
1794-IB32/A	1794-IR8
1794-IB8/A	1794-IRT8
1794-IB8S/A	1794-IT8
1794-IC16/A	1794-OE12
1794-IM8/A	1794-OE4
1794-IV16/A	1794-OE8H
1794-OM8	1794-OF4I
1794-OW8	
1794-OX8	
1794-OA16/A	
1794-OB16/A	
1794-OB16D/A	
1794-OB16P/A	
1794-OB32P/A	
1794-OC16/A	
1794-OV16/A	
1794-OV16P/A	

General Setup

1) After downloading your file, the following folder will be created: SE_1794_Digital&Analog_Faceplate_Files. This folder will contain the 1794 digital and analog I/O faceplate files, the 1794 parameter file and a "SE_1794_IO_Button_Templates" folder containing the templates for the 1794 I/O modules that can be used on your display.

Logix Configuration

1) Open existing Logix file with RSLogix5000

2) Add and configure the desired Flex I/O modules. (Skip to step 2e for distributed I/O).

   a. For **Local I/O,** right click on the FlexBus Local or Local2 and select "New Module".
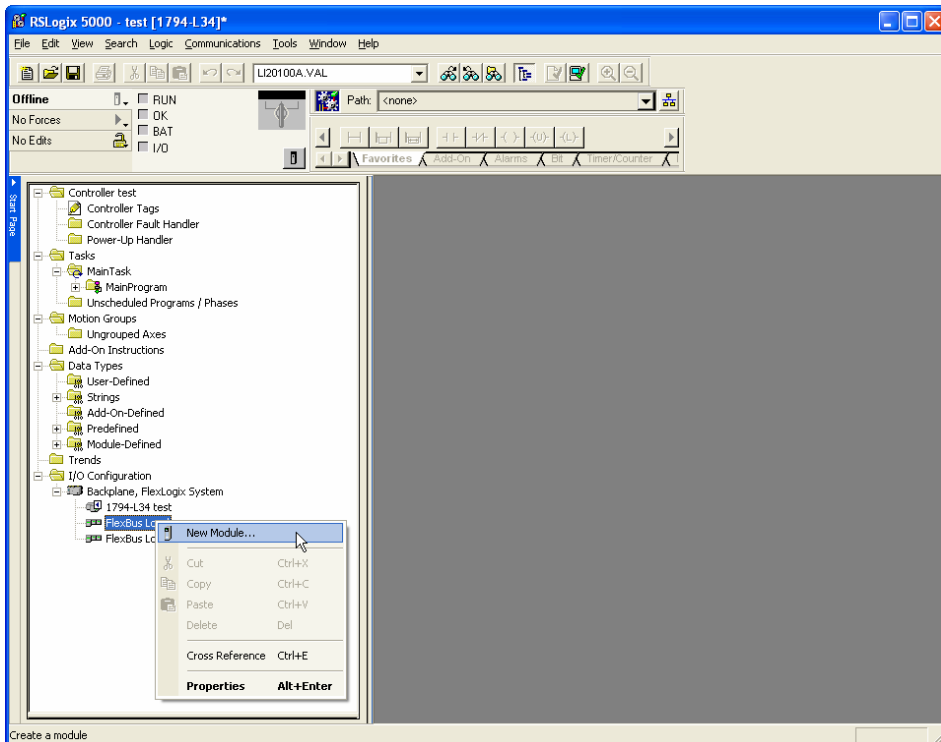
   b. Select the appropriate I/O module from the available listing.
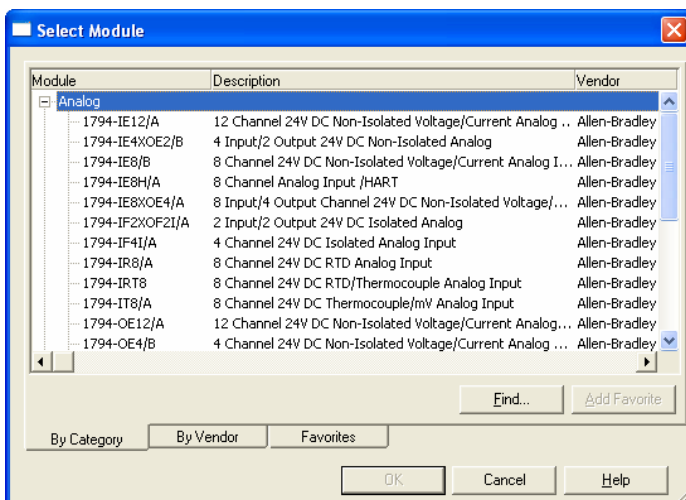
c. Enter a distinct module name and description.

New Module

Type:	1794-IE8/B 8 Channel 24V DC Non-Isolated Voltage/Current Analog Input
Vendor:	Allen-Bradley
Parent:	Local

Name: Local_IE8   Slot: 1

Description:

Comm Format: Input Data

Revision: 2   Electronic Keying: Compatible Keying

☑ Open Module Properties   OK   Cancel   Help

d. Repeat step 2a-2c for all local Flex I/O modules.

e. For **distributed Flex I/O**, right click on "Backplane, FlexLogix System" and select "New Module". Then select the appropriate Communications module (i.e. 1788-CNC/A or 1788-ENBT/A) local to the controller.

Select Module

Module	Description	Vendor
☐ Communications		
1788-CNC/A	1788 ControlNet Bridge, Coax Media	Allen-Bradley
1788-CNCR/A	1788 ControlNet Bridge, Redundant Coax Media	Allen-Bradley
1788-CNF/A	1788 ControlNet Bridge, Fiber Media	Allen-Bradley
1788-CNFR/A	1788 ControlNet Bridge, Redundant Fiber Media	Allen-Bradley
1788-DNBO/A	1788 DeviceNet Scanner	Allen-Bradley
1788-ENBT/A	1788 10/100 Mbps Ethernet Bridge, Twisted-Pair Media	Allen-Bradley
1788-EWEB/A	1788 10/100 Mbps Ethernet Bridge w/Enhanced Web Serv..	Allen-Bradley
☐ Other		

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OK   Cancel   Help

f. Give the new Communications module a name, a description and enter the correct chassis size. For an ENBT give the IP address. For a CNB give the node number.