



Trident Tips™

4-Mation® Navigation Guide

This guide is designed to assist those with previous 4-Mation training to navigate through the program for troubleshooting purposes.

Getting to the Module (Hardware)

- Open 4-Mation under ProcessSuite / APACS
- Click OK on the title banner
- Click File – Open
- Select the On-Line Button then OK
- Click on the + and – symbols to expand and contract the tree

Displaying Module Errors

From the module tree...

- A module with errors is indicated by it being red
- Click once on the module in question to lay the cursor on it
- Click On-Line – Display Module Errors
- Click on the error you want to display in either the Current or History box
- If there is a number in the CH column this is the channel number
- Click the Detail button
- Read the Error Description.
- Click on File – Exit to leave the file description.
- Select another Error or click the Close button

Configuring I/O

From the Module tree...

- Double click the I/O card to configure
- Add channels by selecting a channel #, type and tag
- Edit channel details by double-clicking on that channel.

Moving I/O (If you suspect a single channel is bad)

From the Module tree...

- Double click the I/O card with the suspected bad channel
- Ensure the process can temporarily deal without this IO point
- Rewire I/O to a spare channel on the same type of card
- Single click on the channel to be moved
- Click the Move Button and enter the new channel address

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Accessing the Network (Software) Tree

From the Module tree...

- Double click on the resource (ACM) you wish to access
- Click on the + and – symbols to expand and contract the tree
- By expanding the tree locate the area you are interested in
- Double Click the point or the level above it
- A configuration sheet should now open.

Displaying configuration

From the appropriate configuration sheet...

- Click the cursor over the area of interest
- Click Window – Zoom In
- Click On-line – Display Real-Time Data

To Change a variable (FORCE)

- While real-time data is displaying, single click on a variable
- Click On-line – Variable Control
- Click Disable to prevent updates to this point
- For BOOLEAN select True, False, or Pulse (Momentary Invert)
- For other type enter the new value and click Write
- Click Enable to remove the force.

A Function Block with a double border has more configuration inside it.

To Access the next layer...

- Double click on the function block (Called “Diving Into”)
- The next lower configuration sheet will be displayed.
- Navigate and zoom around this sheet.
- Click the X box when finished to go back up 1 level

A Function Block with a single border may have soft list parameters associated with them. IE Setpoint, PID, ALARM, etc.

To Access the soft list...

- Double click on the function block to display the soft list.
- If no list pops up the block does not have internal soft lists
- Click the Close button when finished to go back.

End of Document.

Contact us day or night if you need further assistance.
Emergency support is also available from Siemens @ 215-646-7400