GENERAL INFORMATION

SIMPLWINDOWS NAME:	SNMP Client Processor Module v1.1
CATEGORY:	Internet Utility Module
VERSION:	v1.1
SUMMARY:	This module is an internet utility module that supports, at this time, version 1 of the SNMP protocol. The module acts like a SNMP manager and connects to a SNMP agent.
GENERAL NOTES:	This module is an internet utility module that supports, at this time, version 1 of the SNMP protocol. The module acts like a SNMP manager and connects to a SNMP agent.
	This module is the processing module of a multi-module design, and has several control modules that are needed in order to provide a complete solution. You must understand the SNMP agent you are connecting to in order to successfully use this series of modules. You will need to know the following.
	1) The Read-Write community of the SNMP agent you are connecting to.
	2) The SNMP OIDs (Object Identifier) that you would like to monitor and or control.
	3) The SNMP variable types of the OIDs that you wish to set. Currently the control modules only support Integer and Octet-String for setting purposes.
	This information can be found in the SNMP agent product documentation and the MIB (Management Information Base) that describes the available OID and variable types.
	Control Modules are as follows.
	1) SNMP OctetString Control Module v1.1
	2) SNMP Integer Control Module v1.1
CRESTRON HARDWARE REQUIRED:	Any Series 2 or Series 3 processor.
SETUP OF CRESTRON HARDWARE:	Ethernet Connection
VENDOR FIRMWARE:	n/a
VENDOR SETUP:	n/a

CONTROL:

Connect	D	Starts the communication process.
Disconnect	D	Stops the communication process
From_Modules	S	Connects to all of the "To_Processor" output signals from all the control modules assigned to the processor module. This is a communication bus that receives message from the Control Modules.

PARAMETRS:

Protocol		Currently this only has one choice, "Version 1". Please make sure it has been selected.
Community		Enter the Read-Write community of the SNMP Agent. (Case Sensitive)
IPAddress		Enter the IP Address of the SNMP Agent.

FEEDBACK:

Is_Communicating	D	Indicates that a successfully attempt at requesting a response from the SNMP Agent has been performed.
Is_Initialized	D	Indicates that each and every control module has been successful at getting a response from its assigned OID.
To_Modules[*]	S	Connects to the "From_Processor" input signal on a single control module. Only one connection allowed per control module. This provides direct communication from the processor module to the control module. 50 have been provided.

TESTING:

OPS USED FOR TESTING:	PRO2 [v4.007.005] CP3 [v1.005.0015]
SIMPL WINDOWS USED FOR TESTING:	v4.01.10
CRES DB USED FOR TESTING:	v36.00.007.00
DEVICE DATABASE:	v47.00.005.00
SYMBOL LIBRARY USED FOR TESTING:	843
SAMPLE PROGRAM:	n/a
REVISION HISTORY:	v1.0 – Initial Release v1.1 – Found some stability issues when running in 3 series processors.

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