Partner: Smart Monkeys
Model: ISAAC
Device Type: System Management

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GENERAL INFORMATION

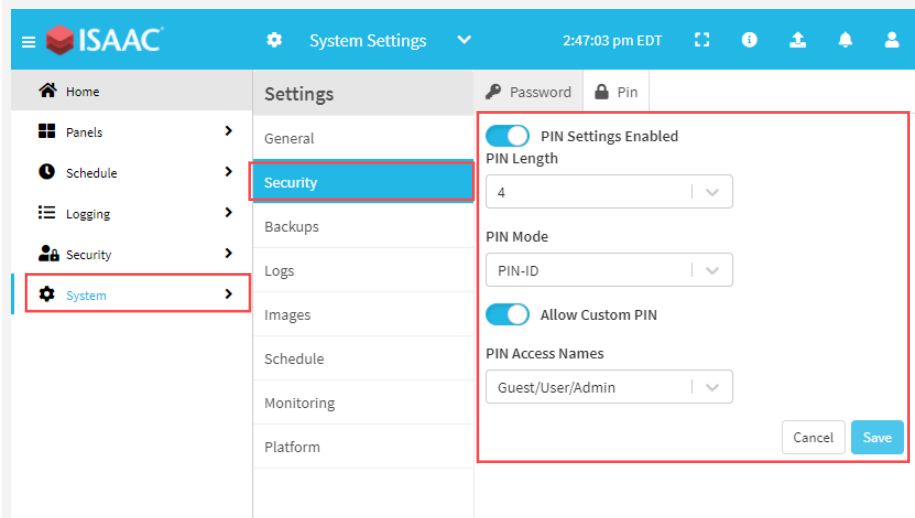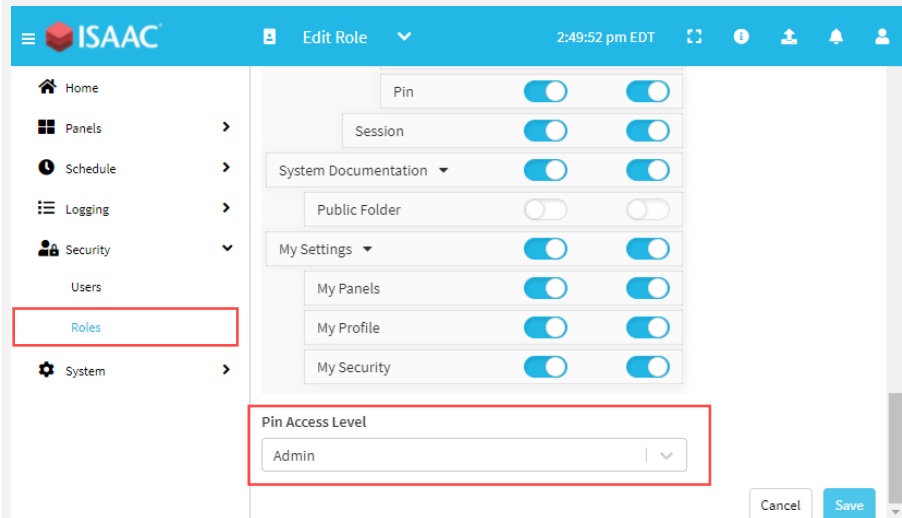|	
SIMPLWINDOWS NAME:	Smart Monkeys ISAAC Logging Control v1.0
CATEGORY:	System Management
VERSION:	1.0
SUMMARY:	This module is used to allow users' PIN and PIN ID to be authenticated within the ISAAC system.
GENERAL NOTES:	This module will allow users to be authenticated within the ISAAC system via PIN_ID and PIN along with their Pin Level (Level of authentication in the ISAAC system).
	If the 'PIN Mode' is set to 'PIN', leave the 'Pin_ID' serial signal of this module blank so only the PIN is sent.
	NOTE: A failure to authenticate in this module will not disable any functionality within this module, the command processor module, or any other component modules in this suite.
	To enable Pin_ID/Pin Authentication in the ISAAC system, please refer to the images below:
	To enable the Pin_ID/Pin in the ISAAC System:

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To set the Pin Access Level for specific roles. (Each user can be assigned a role). Please refer to ISAAC help documentation for more information.

CRESTRON HARDWARE REQUIRED:	3 & 4 Series Control Processors
VENDOR FIRMWARE:	Larissa (v1.5.1)

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CONTROL:

Submit	D	Set high to submit authentication credentials propagated on the 'User_ID' and 'Pin' serial signals. If either the 'User_ID' or 'Pin' signals contain no information, they will not be submitted for authentication.
Pin_ID	S	Set to the value of the User_ID to be authenticated.
Pin	S	Set to the value of the Pin to be authenticated.

FEEDBACK:

Is_Registered	D	Set to high when the module has successfully received the required responses to all queries.
Is_Busy	D	Set high to indicate that the module is busy authenticating. When busy, the user will not be allowed to submit new credentials for authentication.
Success	D	Pulsed high to indicate the submitted credentials have been successfully authenticated.
Failed	D	Pulsed high to indicate the submitted credentials have failed authentication.

PARAMETERS:

Command_Processor_ID	A	Setting to indicate the ID for the command processor that this module will register itself with.
Pin_Level	A	Setting to indicate the authentication level of the credentials being submitted for authentication. Pin_Level Options: - 1d: Level1 (Lowest Permissions) - 2d: Level2 - 3d: Level3 (Highest Permissions)

TESTING:

OPS USED FOR TESTING:	AV3 1.8001.1.0075
SIMPL WINDOWS USED FOR TESTING:	4.17
CRES DB USED FOR TESTING:	208.0000.001.00
DEVICE DATABASE:	200.12000.003.00
SYMBOL LIBRARY USED FOR TESTING:	1153
SAMPLE PROGRAM:	Smart Monkeys ISAAC v1.0 Demo
REVISION HISTORY:	v1.0 – Initial Release