



## Release Notes for SigmaLogic Software Package

Release 10/01/2014

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### LogicWorks Configuration Utility 1.1.0.18

#### 1. New Features

This is the Initial Release of LogicWorks

#### 2. Bug Fixes

This is the Initial Release of LogicWorks

#### 3. Known Issues

Number	Summary	Release Notes	Workaround
591	LogicWorks Crashes when clicking flag reference text	In LogicWorks1.1.0, double clicking on the reference text in the Flag Reference Table will cause the program to close immediately.	Single-click over the flag reference text to place the cursor in the text field or drag the mouse over the text to highlight it for change.
595	No project compare on Connection	In LogicWorks v1.1.0 the offline file contents are not automatically compared to the actual configuration when a SigmaLogic is first Connected. This can result in a difference between what the user sees in the configuration utility screens and what is stored in the axis.	Establish a Best Practice procedure to manually compare the file name to the current configuration name or to always Receive the current configuration immediately after Connection to a SigmaLogic unit.

### SigmaLogic Embedded Software v1.1.0.14

#### 4. New Features

This is the Initial Release of SigmaLogic Software

#### 5. Bug Fixes

This is the Initial Release of SigmaLogic Software

#### 6. Known Issues

Number	Summary	Release Notes	Workaround
593	Registration in Rotary Mode	Registration moves are specified as an incremental distance to travel past a latched position. The specified distance is	Use Linear Mode for registration applications

	sometimes moves a different distance past the sensor than intended	added to the latched position to result in a new absolute target position. But in rotary mode, the absolute target will get modulated down to be within the machine cycle. In v1.1.0 this modulation is not accounted for in the target position calculation, so if the registration move takes the servo across the rollover point, the final target position may not be as intended.	
597	Wait for Flag - Rising Edge not working properly	In the Before Move section of sequence execution, Wait for Flag - Rising Edge will pass if the Flag is ON when entering that step. The off-to-on transition is not being detected properly in v1.1.0.	Add an additional step to the sequence table looking for the Flag to be OFF first before branching to the step looking for the flag to be ON - thus creating your own RE detection.
600	HSI does not wait for move to be In Position	For all other moves, move complete status is sent to the PLC when the commanded profile is finished AND when the motor position is within the range specified by the LogicWorks configuration under Configure - Options - Position Completion Window. in v1.1.0, the High Speed Index moves do not wait to be in the position completion window. Move complete is set when the commanded profile is finished.	Add external delay for subsequent processes/actions that depend on the motor being settled into its final position.
606	PLC sometimes misses the Move Done signal	Depending on the Ethernet/IP communication speed, moves made with the MAM_Yaskawa Add-On Instruction would sometimes appear to 'lock-up'. This symptom is that the move is performed correctly and reaches the target position, but the PC output indicating that the process is complete is never returned by the function block. This issue has been fixed in v1.1.1.1 (pre-release) by using a more secure signal handshake method for the move complete bit in the E/IP structure.	Set the E/IP polling rate in the PLC to a value lower than 12msec. 8-10 msec is a good target.

## SigmaLogic AOI for RSLogix 5000 v1.1.0

### 7. New Features

This is the Initial Release of SigmaLogic AOI package

### 8. Bug Fixes

This is the Initial Release of SigmaLogic AOI package

### 9. Known Issues

Number	Summary	Release Notes	Workaround
592	User cannot disable the servo with MSF_Yaskawa if another block is active	In SigmaLogicAOI v1.1.0, the MSF_Yaskawa instruction will return FLT_BSY if another AOI is already active. This will prevent the application from disabling the axis should it be urgent to do so.	Remove main power or control power from the axis to stop. Unlatch any SigmaLogic AOIs in progress prior to activating MSF_Yaskawa to disable the axis.