Flex200 1.00-0 Release Notes

DATE:

December 6, 2016

BACKGROUND:

Version 1.00-0 is a first release of the Flex200 GAP Programmer

PART NUMBERS:

Version 1.00-0
Gap/Coder Part Number: 9927-2530 NEW

COMPATABILITY:

To use this version of GAP Programmer, you must use Footprint Version 5418-7317 NEW.

To use this version of GAP Programmer, you must use GAP Editor 3.09 or higher.

To use this version of GAP Programmer, you must use AppManager 3.07 or higher.

To use this version of GAP Programmer, you must use SOS 4.07 or higher.

To use this version of GAP/Coder, you must use Control Assistant 4.08 or higher.

To use this version of GAP/Coder, you must use Toolkit 4.7 or higher.

NEW FEATURES:

This version of the Coder / Template is dedicated to the FLEX_200 platform only. The Product Release Strategy has evolved so that other platforms such as MicroNet, 2301, and LECM each have their own dedicated Coder and Template versions. Common GAP blocks that all platforms use are included in this Coder / Template version. However, platform specific blocks from other platforms are not included. A list of new and excluded GAP blocks can be found below.

The FLEX_200 platform uses the MPC5125 CPU and has dedicated I/O. It was created as the Peak150 Control replacement. When the FLEX_200 platform is loaded with the standard Control GAP application and front panel display software it is known as the Peak200 Control.

The IO is calibrated using the MANCAL_AI and MANCAL_AO blocks. A list of I/O blocks can be found below.

CREATING A GAP APPLICATION USING THE FLEX_200

The following GAP blocks must be in the GAP application in order to compile:

Block	Function
FLEX_200	Chassis Block
STATUS_FLEX	Hardware Status, Child of FLEX_200

This product does not support expansion RTN chassis or RTN_GATEWAY chassis. I/O could be expanded using LinkNetHT nodes.

FLEX200 I/O BLOCKS

ACT_FLEX
AI_4_20_FLEX
AO_4_20_FLEX
BI_FLEX
FLEX_200
KEYPAD_FLEX
MPU_FLEX
RELAY_FLEX
STATUS_FLEX

NEW INTERFACE BLOCKS

ETH_CFG
IP_ADDRESS
SERVLINK

NEW PROCESS BLOCKS

I_LIST
PID_OPTI
S_LIST
S_MUX_S_N

ACTIVATED BLOCKS

RATIO_LIM2 (password protected)

REMOVED BLOCKS (PLATFORM INDEPENDENT)

TUNE_VARS

SYSTEM BLOCK DIAGRAM: