

## Flex500 1.02-0 Release Notes

### DATE:

August 31, 2017

### BACKGROUND:

Version 1.02-0 is a new release of the FLEX\_500 GAP Programmer

### PART NUMBERS:

Version 1.02-0

Gap/Coder Installation Part Number: 9927-2612

Release Notes: 9927-2611

### COMPATABILITY:

**Footprint 5418-6479 C is required with this Coder version**

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 Coder / Template are derived from the the Coder trunk. The last release from the trunk was MicroNet 1.00-0. All changes that were released in that version will be in this release. All changes from Coder FLEX\_500 1.01-1 will be in this release.

#### Changes specific to this release:

Template change to allow SS\_3, and SS\_4 on FLEX\_500 chassis block.

Created new GAP block AI\_MPU\_FLEX

Created new GAP block AI\_PROX\_FLEX

Created new GAP block AI\_SS\_ENG

Issue # 18473 : Delete option for generating sid.txt

Issue # 16953 : Send a goto pre-op CAN message on application stop for LinkNet HT and RTCNet nodes

Issue # 18366 : Send a go to pre-op message for LinkNetHT and RTCnet on IO Lock

Issue # 18527 : ACT\_FLEX : RET and SRC Faults pulsed when SD input cleared

#### Changes inherited from the Coder trunk relevant to FLEX\_500:

Issue # 17399 : Gas Flow Equation imaginary numbers.

Issue # 17739 : Gas Flow Equation NaN

Issue # 17008 : Not a number Issue on GAS\_FLO\_EQ block

Issue # 16998 : GAS\_FLO\_EQ

Issue # 17508 : CURVES\_2 Calculation difference (macro rounding)

Issue # 17814 : 10% Rule Allowance - A\_STEP\_PER on SYS\_INFO

Issue # 16653 : Small numbers. Possible relation to Curves\_2 KB 17508. Possibly related to 17465

Issue # 15923 : COPEN\_NTW AUTOGO2OP default to SHOW

Issue # 17742 : CO\_DVP DRVR\_TEMP UNITS

Issue # 13446 : please set SYS\_INFO.EE\_BUSY when writing NV\_LOG / I\_NV\_LOG

Issue # 17850 : Datalog\_M in continuous mode consumes Ram memory.

Issue # 17293 : DATA\_LOG\_M log size limited to 30MB

Issue # 18065 : RTCNet BO with no channels defined causes corruption of next CAN message

Issue # 18056 : RTCNet output channels driving sooner than expected

Issue # 18000 : RTCNet LinkNet HT causing CAN structs to be too big

Issue # 18381 : CanOpen Recieve PDO - Cyclic message type

Issue # 18404 : LL timers and other "extended" variable types do not work properly with Coder version 1.00.

Issue # 17595 : CAN\_P\_STAT LNK\_ERR, LNK\_ALM off by 1 rate group

Issue # 17696 : Ladder Logic undefined symbol

Issue # 18024 : C-Userblock instance limit (compiler crash)

This version of the Coder / Template is dedicated to the FLEX\_500 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.

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