

### **MCT-4MA i4.3 Version V1.2.1 release notes/updates 08-23-2021**

1. Runtime bug corrected when output2 programmed for event output when manual or auto-tune mode entered. Outputs would de-energized when either mode was entered and not energized when either mode was exited. This only occurred if output2 on PCM/B42 was programmed for "event" outputs. It did not affect any other output 2 program modes.
2. Configuration bug corrected for IO expansion module programming. User error moved the edit object out of position which was corrected in this version. No code changes required.

No SVP re-run required with updated verified with engineering test protocol.

### **MCT-4MA i4.3 Version V1.2 release notes/updates 08-15-2021**

3. V1.2 production release. Programmable single setpoint timer addition added to system. Programmable timer cycle activates "Event 1" for x-time with shutoff of event after timer times out. See SDLC for SVP testing.

Validated via protocol 1, steps 10 and 11 and protocol 27 in configurator SVP R6

Validated via protocols 85 through 87 in GUI Runtime SVP R6

### **MCT-4MA i4.3 Version V1.1.3 release notes/updates 07-14-2021**

1. V1.1.3 release for lifecycle regression testing from bugs found in V1.1.2. Logic code bug corrected to properly evaluate all trigger inputs during logic calculations, output set/reset.

Validated via protocol 17 steps 70 through 92 in Configurator SVP R5

### **MCT-4MA i4.3 Version V1.1.2 release notes/updates 06-06-2021**

4. Corrected annotation input function of expansion IO so only annotation of triggered input operates. Validated via protocol 25, step 5 of Configurator SVP R4.
5. Corrected Modbus slave event write issue. Validated via protocol 70, steps 104-112 in GUI SVP R3.
6. Corrected special character entry for file names on text keypad by preventing a period from being entered. Buttons of special characters now disabled on keypad for file entry to also make it clear to user the characters are not allowed. Validated via protocol 83 of GUI SVP R3.
7. Corrected issue where expansion IO with function selection of "None" were still provided in math/logic input/output selection combos. Validated via protocol 26 in Configurator SVP R4.

### **MCT-4MA i4.3 Version V1.1.1 release notes/updates 04-09-2021**

1. V1.1.1 release for lifecycle (SDLC) testing. V1.1 did not get released due to configuration bug found during internal testing with programming of IO expansion module events. Max count of 16 events displayed an error when changing event types allowed (Manual Only, Math/Logic). Bug corrected in V1.1.1 with full SDLC testing performed.

### **MCT-4MA i4.3 Version V1.1.0 DVR1 release notes/updates 02-13-2021**

1. DVR1 (design verification testing) release for V1.1.0 DVR1 lifecycle validation. See 4MA SDLC for requirements and testing of expansion IO addition. IO expansion model added to this version.

#### **MCT-4MA i4.3 Version V1.0 release notes/updates 11-11-2020**

1. V1.0 release. No software regressions found in DVR2\_V0.2. All updates covered in SDLC lifecycle documents

#### **MCT-4MA i4.3 Version DVR2\_V0.2.0 release notes/updates 11-03-2020**

1. DVR2 (design verification testing) release for DVR2\_V0.2 lifecycle validation. See 4MA SDLC for requirements and testing.

#### **MCT-4MA i4.3 Version DVR1\_V0.1.0 release notes/updates 08-31-2020**

1. DVR1 (initial design verification testing) release for DVR1\_V0.1 lifecycle validation. See 4MA SDLC for requirements and testing.

#### **MCT-4MA i4.3 Version DVR1-F\_V0.1.0 release notes/updates 08-28-2020**

1. DVR1-F release for internal/field testing only. Added math on math ability in math/logic. Revised math/logic only output selection for compatibility with B42. Not for validation purposes.

All updates covered in regression analysis for Vx.x.x lifecycle documents

#### **MCT-4MA i4.3 Version DVR1-E\_V0.1.0 release notes/updates 08-02-2020**

1. DVR1-E release for internal/field testing only (adds SQRT function for math/logic and show/hide ability for math equations in runtime). Added navigation capability from notifications list. Added alarm active notification via icon at top right of screen when main alarm icon not flashing. Not for validation purposes.

All updates covered in regression analysis for Vx.x.x lifecycle documents

#### **MCT-4MA i4.3 Version DVR1-D\_V0.1.0 release notes/updates 07-01-2020**

2. DVR1-D release for internal/field testing only (adds wait for in profile functionality for monitors and loops). Not for validation purposes.

All updates covered in regression analysis for Vx.x.x lifecycle documents

#### **MCT-4MA i4.3 Version DVR1-C\_V0.1.0 release notes/updates 06-16-2020**

1. DVR1-C release for internal/field testing only. Not for validation purposes.

All updates covered in regression analysis for Vx.x.x lifecycle documents

**MCT-4MA i4.3 Version DVR1-B\_V0.1.0 release notes/updates 06-03-2020**

1. DVR1-B release for internal/field testing only. Not for validation purposes.

All updates covered in regression analysis for Vx.x.x lifecycle documents

**MCT-4MA i4.3 Version DVR1-A\_V0.1.0 release notes/updates 04-30-2020**

1. DVR1-A release for internal/field testing only. Not for validation purposes.

All updates covered in regression analysis for Vx.x.x lifecycle documents