



# Gen4 Engineering Release Notes

---

## Release: 3R18

Date: 12/20/2018

### Manifest

Component	Version
Software	1.95
Firmware	1.48
Linux OS	1.12

### NEW FEATURES / FUNCTIONAL CHANGES

#### 1. New Features

- a. Smart Arm Runscreen
  - i. Add an image with custom fastener locations to be used with smart arm system
- b. CC-Link IE Field Anybus module support
- c. Reduced reporting delays after rundown on serial port and most protocols
- d. Assignable input 'Abort Job'
- e. Assignable input 'Remove Lock on Reject'
- f. Assignable output 'Job Aborted'
- g. Always run 'brake stop' stage if rundown is aborted mid-rundown
- h. JTEKT IO locked input 3, Stop, Normally Closed
- i. Pulse count added to serial strings
- j. UEC serial string options for swapping pset number position
- k. Rehit/Reject events shown in log
- l. iAC
  - i. Rehit/Reject
  - ii. Lock-on-reject
  - iii. Pulse detection improvement
  - iv. Change to 'read delay' time. Controller now starts a timer when pulses over in-cycle torque are detected. The controller will go in-cycle after the timer expires
- m. iPC
  - i. Pulse detection improvements