Product Release Notice

KINGSTAR 3.8.2

General Availability Release Date

July 9, 2021

Product Overview

KINGSTAR is an all-software, complete "plug-and-play" PC-based Machine Automation platform for IoT and Industry 4.0. Key pre-tested and pre-integrated industrial machine components include software-based motion control, machine vision, programmable logic controller (PLC) and the industry's only plug-and-play EtherCAT master that auto-discovers any vendor's EtherCAT drive, IO or device and auto-configures the EtherCAT environment at startup. Built on the EtherCAT standard and supported by a real-time 64-bit Windows operating-system (RTOS) from IntervalZero, KINGSTAR empowers engineers to design, develop and integrate machine control applications or a system of controllers on a single Industrial PC. The KINGSTAR platform can replace all hardware with software-only motion controllers and machine vision positioning systems, quickly and cost effectively.

There are two product lines – **KINGSTAR Motion** and **KINGSTAR Fieldbus**:

- **KINGSTAR Motion** replaces hardware motion cards with an all-software solution that creates PC-based machine controllers for premium precision and performance.

- **KINGSTAR Fieldbus** offers support for CANopen over EtherCAT and simplifies configuration of EtherCAT networks with its unique plug-and-play approach.

KINGSTAR Motion

Resolved Issues

- Resolves and issue where **InitializeLink** returns an incorrect value when it is called twice. [KS-2639]

- Resolves an issues where the motion state stays in acceleration even if the axis has already moved to the target. [KS-2881]

Hardware Support

KINGSTAR Motion & KINGSTAR Fieldbus have added out-of-the-box support for the following new hardware. See the *KINGSTAR Supported Hardware* document for a complete list of hardware supported by KINGSTAR.

EtherCAT I/O modules

- Beckhoff EL2595, EL3443, EL7037 [KS-3123]

Availability

KINGSTAR 3.8.2 Motion and KINGSTAR Fieldbus are available beginning July 9, 2021, through Partners and by contacting KINGSTAR Sales at Sales@kingstar.com or (781) 996-4481.

We welcome your comments and feedback. If you have any recommendations or wish to suggest product enhancements, please contact Product Management.