

Release Notes for EAS II

2.7.2

Version 2.7.2

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Revision History

Version	Date	Details
Ver. 1.000	July 2020	Initial version

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Chapter 1: General

These release notes detail the modifications incorporated in EASII version 2.7.2. They indicate the changes and fixes performed since version EASII 2.7.1.

This release is for the use of all customers.



Chapter 2: Bug Fixes

Multiple bugs were reported by the SQA team and fixed, not all of which are detailed below. Below is a list of some of the most crucial or significant bugs that were fixed.

EtherCAT Configuration

- Heap Corruption crash fixed when device OD is large
- fixed MailboxCycleTime limitation

Maestro SIL

- The Start and Stop buttons sometimes get disabled
- Problems with SIL Create Default Configuration
- A fix done in the TFTP server for uploading big files

Recorder Tool

- Some fixes in drive recording over CAN communication

Maestro Configurator

- Global Error Policies – prevent changing to defaults after the set selected as EtherCAT init commands action
 - A bigger revision of this page will be done in EASII version 2.8
- Entering the OC page stopped the Bulk Read for this Maestro
- SSI feedback configuration fixed
- Reading group MCS rotary units fixed in the Maestro Configurator, group UU page

Tuner and Application Tools

- Some fixes in drive recording over CAN communication
- V&P Design – Position Filters display in the graph fixed
- Identification Error – PWM Frame range error removed
- Linear sensor resolution rounding issues fixed

General Bugs & Miscellaneous

- Uninstallation of EASII used to erase the user settings – now it doesn't
- The IXXAT CAN card support was fixed
- Temperature reading from the Platinum Drive fixed



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- ECAM Table Editor: limiting the number of points edited in the graph due to performance issues
- Single Axis Motion tool: Cur% Level not to be changed when disconnect & reconnect to the drive



Chapter 3: Platinum Drive Support

Supporting the 4 Axes Drive (the Quartet)

Additional support was added for the 4 axes drive (the Quartet), including:

- Enhancing the full inputs and outputs capabilities of this drive
 - This includes both the configuration and the activation of these I/O ports, in the Tuner and in the Single Axis Motion tool

Tuning Additions

- Added support to the Mitsubishi sensor

Safety Features

The following safety features and enhancements were added:

- Supporting the SXT safety function
- Added some parameters to SSR and SLT functions

General features

- Support for the use of the KL[2] command in the Emergency Stop button was added



Chapter 4: Changes in Specific Tools

G-Code Editor

A new G-Code parser was introduced, which contains the following added features:

- Supporting the NormalCY with automatic activation
- G-Code Default Rotary Units added

EtherCAT Configuration Tool

Alias / Identification and Redundancy

The full redundancy and the flexible hot connect feature will be supported in EASII version 2.8, but we added a few improvements that would work more correctly with this Maestro feature, as follows:

- The flexible hot connect feature demands that the alias of devices of the same type be unique
- Cannot set EtherCAT Redundancy mode if DC Reference Clock Device is not the Master
- Added Enable column to the Master Identification Page

Miscellaneous

- Apply Template button size changed and Apply Template fixed
- Master Cycle Time definitions updated

Maestro SIL Tool

- Added support for displaying 1D arrays and regular (not arrays) parameters in the Parameters window

System Configuration

- Download Drive SIL process button added to the Upload & Download ribbon tab