Release Notes for Eaton Control F(x)™ Software
Version 1.6.3

Control F(x) 1.6.3 is a minor upgrade, bringing new features and improvements.

New Features

- automotive drive
- support for the new J1939 dual foot pedal
- expanded documentation and sample projects

When upgrading from previous Control F(X) revisions, it is recommended to select the **Remove** option on the Welcome dialog box of the Control F(x) 1.6.2 installation utility, followed by a full installation. This will prevent potential incompatibilities found on certain Windows revisions.

For users of Control F(x) v1.5 and earlier: The Control F(x) 1.6 Migration Checklist (please see C:\Program Files\Eaton Control F(x)\Control F(x)\Documents\English\ Control F(x) 1.6.2 Migration Checklist.pdf) is intended to provide existing users of Control F(x)® v1.5 and earlier a step by step procedure to migrate to the latest version of Control F(x). This document includes the steps to be followed for updating the following:

- Previously developed Control F(x) projects
- The Control F(x) software suite, and
- EFX controller firmware

Please note - projects developed for EFX controllers in previous versions of Control F(x) (prior to revision 1.6) cannot be used with version 1.6 or later until the steps in the migration checklist are followed.

Performing the procedure outlined in the above checklist may take from one to several hours to complete depending on the number and complexity of projects to be converted, the number of EFX controllers and software seats to be updated. Please allot sufficient time to complete this process

This document contains information related to Eaton Control F(x) Software. The information contained in this document includes additions/changes to the following:
• Function Libraries
• Example Projects

Information in this document, including website addresses (URLs) and other Internet references, is subject to change without notice and is provided for informational purposes only. Complying with all applicable copyright laws is the responsibility of the user of this software. Without limiting the rights under copyright, no part of this document may be reproduced, stored in, or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Eaton Corporation.
Eaton might have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this document. Except as expressly provided in any written license agreement from Eaton, the furnishing of this document does not give a user or reader any license to these patents, trademarks, copyrights, or other intellectual property.
©2011 Eaton Corporation. All rights reserved.

Function Libraries

NOTE: Reference the full documentation for new function blocks and libraries in the In-Tool help in CONTROL F(x) or in the CONTROL F(x) Extended User Manual.

Eaton Hydraulics Function Libraries

- **eaton_advanced_component.lib**
  - EATON_ANTI_STALL_SIMPLIFIED
  - EATON_AUTOMOTIVE_DRIVE
  - EATON_AUTOMOTIVE_DRIVE_EXTENDED
  - EATON_AUTOMOTIVE_INCHING
  - EATON_AUTOMOTIVE_RAMP

- **eaton_component.lib**
  - new J1939 pedal decoders:
    - EATON_DFP_J1939_INT
    - EATON_DFP_J1939_WORD
- eaton_standard.lib:
  - new ramp utility:
    - EATON_RAMP_ADVANCED

Eaton Target Specific Function Libraries

EFX 1612j, 1624, 1640, 1680:

- **eaton_efx16xx_component.lib**
  - new J1939 pedal adapters:
    - EATON_DFP_1939_ADAPTER_INT
    - EATON_DFP_1939_ADAPTER_WORD

EFX 3232m:

- **eaton_efx3232m_component:**
  - added J1939 pedal adapters:
    - EATON_DFP_1939_ADAPTER_INT
    - EATON_DFP_1939_ADAPTER_WORD

Documentation

- New in-tool documentation.

Contact Information:

Eaton Corporation, Hydraulics Operation
14615 Lone Oak Road
Eden Prairie, Minnesota 55344-2079

Tel. 888 258 0222
952 937 9800
Fax 952 294 7941
Email eatonfx@eaton.com
Web www.eaton.com