

# Release Notes: Pro-FX<sup>®</sup> Control

## Version 1.3

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Pro-FX Control 1.3 is updated to provide new features and resolve a number of issues.

### Pro-FX Control Features

- Based on CODESYS 3.5.5.4
- Support for HFX, VFX, and AxisPro product families
- Improved J1939 messaging, including transport and diagnostic messages
- With the latest HFX Support Package, Trace and Breakpoints are available
- Support for Scalable Vector Graphics (SVG)

### Updates

- ETN00019288: Installation includes all prerequisites.
- ETN00024103: Pro-FX Control should show Eaton Pro-FX page in start screen (this may not be the case when installing over an existing Pro-FX Control version)
- ETN00019286: The licensing system no longer times out on Pro-FX Control licensed libraries
- ETN00024681: Visualization section is now shown in the Help System.

### Notes

- Pro-FX Control 1.3 installs alongside both CODESYS and earlier versions of Pro-FX Control. This means that if you need to maintain a project based on an earlier version of Pro-FX Control, you can simply open in the older version, which will maintain versions of libraries, devices, and compilers. Pro-FX Control 1.3 does not share libraries or devices with CODESYS or earlier versions of Pro-FX Control. Installing a device or library in one does not install it in the other.
- Supporting files such as firmware, images, and sample projects are now stored under C:\users\Public\Pro-FX

### Known Issues

- ETN00019291: Project files should have Pro-FX icon
- ETN00019292: Double clicking on a .project file should launch it in Pro-FX Control
- ETN00025741: Launcher does not give the option to launch Pro-FX Control 1.2 when version 1.3 is installed. The workaround for this is to launch Pro-FX Control 1.2 from the Windows Start Menu. Alternately, run the following command:  
"C:\Program Files (x86)\Eaton\Pro-FX\Control\Pro-FX Control\Common\Pro-FX Control.exe"  
--Profile="Pro-FX Control 1.2"

# Release Notes: HFX Support Package for Pro-FX Control<sup>®</sup>

## Version 1.2

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HFX Platform Support Package V1.2.0 is a new release to provide new features and address issues identified in earlier versions. Eaton recommends all users update from using earlier versions of this Support Package and switch to this latest version.

### Installation

This package is automatically installed in Pro-FX Control 1.3. It is necessary to download new firmware to the HFX prior to downloading new application based on this support package. Firmware files can be found under the directory:

C:\Users\Public\Pro-FX\HFX 1.2.0\MOT Files

This package requires Pro-FX Control 1.3 or CODESYS 3.5.5. To install it into CODESYS, use the Package Manager. Installing this package into CODESYS will not install it into Pro-FX Control 1.3, nor vice versa.

### HFX Features and Updates

- Update firmware to use CODESYS 3.5.5 RTS
- Supported devices:
  - HFX12m
  - HFX20m
  - HFX32m
  - HFX48m
- Streamlined installation process via the package manager
- ETN00025713: Support for on-target Trace
- ETN00024529: Support for Breakpoints (up to three) and source-stepping

### Known Issues

- ETN00024604: The description of the 2A outputs in the device description file incorrectly implies that they are capable of low-side switching.
- ETN00024682: CAN faults do not become active when fault condition is present. These faults were deliberately suppressed, but not removed from the fault table. When not suppressed, these faults trigger based on low-level conditions that are not visible to the application, resulting in spurious application level faults. The application should rely on message timeout information and not these faults.
- ETN00025542: Only 12 faults can be active at a time.

# Release Notes: VFX Support Package for Pro-FX Control®

## Version 1.2

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VFX Platform Support Package V1.2.0 is a new release to provide new features and address issues identified in earlier versions. Eaton recommends all users update from using earlier versions of this Support Package and switch to this latest version.

### Installation

This package is automatically installed in Pro-FX Control 1.3. It is necessary to download new firmware to the VFX prior to downloading new application based on this support package. The firmware same firmware file is used for all VFX variants and can be found at:

C:\Users\Public\Pro-FX\VFX 1.2.0\update.tar.gz

This package requires Pro-FX Control 1.3 or CODESYS 3.5.5. To install it into CODESYS, use the Package Manager. Installing this package into CODESYS will not install it into Pro-FX Control 1.3, nor vice versa.

### VFX Features and Updates

- Update firmware to use CODESYS 3.5.5 RTS
- Supported devices:
  - VFX40
  - VFX41
  - VFX70
  - VFX71
  - VFX72
- Streamlined installation process via the package manager
- ETN00025092: When three or more buttons are pressed at once, only the first two are reported to the application. This prevents keyboard ghosting, where pressing three buttons at once can sometimes cause a fourth (false) keypress to be reported.

### Known Issues

- ETN00025715: Under some circumstances, persistent variables get reset to zero. The key triggers seem to be loading the applications with a USB stick, or else performing an online change (without download).
- ETN00025716: CANopen heartbeat will occasionally time incorrectly time out

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