

# Release Notes - Do-more Programming Software

## VERSION NUMBER

2.9.2

## RELEASE DATE

Mar 08, 2022

## DETAILS

- 1) Connect to PLC – converting PLC Opcodes to Element properly handles array of a BYTE or WORD struct field.
- 2) Edit User Data Type - when connected to a PLC, and Designer's Memory Configuration becomes incompatible with what is currently in the PLC, disable Online Status.

Other adjusted anomalies in this release. See the Updates.pdf file that is installed with the software for the full list.

## VERSION NUMBER

2.9.1

## RELEASE DATE

Feb 17, 2022

## DETAILS

Do-more! Designer version 2.9.1

### New Features

1. Modbus I/O Scanner - Eliminates the need for ladder logic for Modbus devices
2. HSEDGE, HSCNT, HSPULSEC - New instructions for HSIO ladder logic referencing
3. Nested Structures in User Data Types - Allows Structures to be nested in a UDT up to one deep.
4. Text filter added to Documentation Editor - Filter records based on keywords.
5. Goto Logic button in Documentation Editor - Jump to the first use of the documentation record in the ladder.
6. Support for Windows 11

Many other features and adjusted anomalies in this release. See the Updates.pdf file that is installed with the software for the full list.

Firmware version 2.9.1

1. Fixed issues with the TCP stack where it can become unresponsive.

## VERSION NUMBER

2.8.3

## RELEASE DATE

Feb 01, 2021

## DETAILS

Issues resolved in version 2.8.3:

Ladder View – PWMOUT: Edit Device instruction tool works properly; parameters properly change when PWM configuration is modified or deleted

Ladder View – String Script Editor properly handles unsupported Element types

Ladder View – Print properly handles rungs with many rows

Ladder View – User Data Type parameter limits its status width

Ladder View – COPY, CALL support copying Heap item to Heap item

System Configuration – BX-HSIO module configuration dialog properly saves entered device name

System Configuration – Properly hide/disable EtherNet/IP Implicit Adapter fields and MQTT/FTP device creation for CPUs that do not support those features

Update Operating System dialog –Version Details button properly goes to Help topic about Do-more Technology Version 2.8

Memory View – Support Bit data blocks in addition to Numeric and Structure data blocks

## VERSION NUMBER

2.8

#### RELEASE DATE

Dec 09, 2020

#### DETAILS

Do-more! Designer v2.8 new features:

1. Added support for New TTL Discrete modules, Relay modules with no suppression, high amperage Relay module, Differential/TTL High Speed IO module.
  2. Ethernet/IP Implicit Adapter; allows other devices to read IO from the BRX PLC using the Ethernet/IP Implicit protocol.
  3. HTTP Server; a set of web pages that can be accessed to provide information about the PLC
  4. REST API; Allows a software developer to request data in JSON format from the PLC.
- FTP Client instructions; BRX can now send and receive files from a FTP server.
5. Whitelist support; allows only configured IP addresses and ranges to access the various server functions in a BRX PLC.
  6. Table based Text Scripting editor; allows easier building and formatting of strings.
  7. Now allows "And Above a Join" (master control) style rungs.
  8. Additional PID functions.
  9. Many other additions and corrections, see the Updates.pdf file for more information.

---

#### VERSION NUMBER

2.7.4

#### RELEASE DATE

Apr 30, 2020

#### DETAILS

Software:

1. Fixed Issue with extended characters with accent marks (umlauts) when used in rung comments..

Firmware:

1. Fixed a problem that prevented the -3 and 0xUT analog modules from operating properly in an Ethernet I/O expansion base.
2. Fixed a problem that caused the -3 and 0xUT analog modules in the local base to report an error after a Clear PLC Memory.
3. Fixed a problem that prevented BX-04DA-1/-2B modules from working in Ethernet I/O expansion bases.
4. Fixed a problem with iterating structure fields to build JSON arrays.
5. Fixed a problem in the HTTPCMD instruction that was not properly handling the Response Body data.

---

#### VERSION NUMBER

2.7.3

#### RELEASE DATE

Apr 14, 2020

#### DETAILS

Software:

1. Fixed I/O System view not properly handling all modules.
2. Fixed Copy error when pasting sub-instructions into ladder.

Firmware:

1. Fixed issue where BX-04AD-1, BX-08AD-1, BX-04AD-2B, BX-08AD-2B might occasionally not accept the configuration sent from the CPU.

---

#### VERSION NUMBER

2.7.2

#### RELEASE DATE

Apr 06, 2020

#### DETAILS

1. Fixed possible software crash when editing rung comments.
2. Better handling of poor quality communications links.

#### VERSION NUMBER

2.7.1

#### RELEASE DATE

Mar 25, 2020

#### DETAILS

##### New Features

1. Added support for BRX Universal Analog and Temperature, Active Padding, RS-232 Full Duplex, RS-422 Single drop Expansion modules. RS-232 Full Duplex, RS-422 Single drop POM modules
2. 3 new Instructions: Copy String, Copy String Range, Range Check.
3. New Nickname (Tag) workflow. Create Nicknames en masse when exiting an instruction.
4. RTF Text support for Rung Comments. Bold, Color, Italics, Fonts and more!
5. 10 User assignable hotkeys: CTRL – 1 through CTRL – 0.
6. JSON Pretty Print tool. View a properly formatted JSON string inside the software easily.
7. Many more enhancements and fixes. See the Updates.pdf after installing the software for more details.

#### VERSION NUMBER

2.6.2

#### RELEASE DATE

Aug 13, 2019

#### DETAILS

Miscellaneous minor fixes. See Updates.pdf in the Public Documents folder after installation for more information.

#### VERSION NUMBER

2.6.1

#### RELEASE DATE

Jun 19, 2019

#### DETAILS

1. Supports 6 new BRX analog input/ output combo modules.
2. Supports 2 new 16 point analog input modules.
3. New Instructions for FIFO and LIFO table handling.
4. Simulator now simulates any Offline PLC project.
5. Instruction Toolbox now supports collapsible instruction subsets. Also included are three customizable tabs for frequently used instructions.

Many more additions and fixes. Please refer to the Updates.pdf that is installed with the software.

#### VERSION NUMBER

2.5.2

#### RELEASE DATE

Apr 23, 2019

#### DETAILS

Fixes issue where configuring a BX-HSIOx expansion card can cause the software to close.  
Fixes and issue with reading a file from the PLC when the destination file is already open in another application.  
Fixes an issue when writing an IP address that was possibly in conflict would write 0.0.0.0.

More information can be found in the updates.pdf file.

---

#### VERSION NUMBER

2.5.1

#### RELEASE DATE

Mar 28, 2019

#### DETAILS

Do-more! Designer version 2.5.1.11 is releases on 03/28/2019.  
It supports the BX-HSIO1, BX-HSIO2 and BX-SERIO expansion modules.  
Information on additional additions and fixes can be found in the available Update.PDF file.

---

#### VERSION NUMBER

2.3.2

#### RELEASE DATE

Jun 07, 2018

#### DETAILS

Corrected the graphics for the new RTD and NTC modules.

---

#### VERSION NUMBER

2.3

#### RELEASE DATE

Jun 06, 2018

#### DETAILS

Do-more! Designer 2.3 added support for:  
New BRX Ethernet remote I/O controllers  
New 32-point discrete I/O modules  
New 8-point input simulator module  
New analog and temperature modules  
MQTT Client for BRX; Publish and Subscribe  
Automatic Export of C-more documentation and Project with each Project Save  
Automatic prompting of firmware upgrade if one is available during Live Update

---

#### VERSION NUMBER

2.2.1

#### RELEASE DATE

Mar 19, 2018

#### DETAILS

Do-more Designer now installs to C:\Program Files (x86). User files are stored in the Public\Documents folder.

Added Support for GS4 Drives using GS-EDRV100. GS=EDRV100 firmware must be >6.0 for this feature.

Added support for Secure Email (SSL/TLS). This includes support for DNS resolution of email server addresses. (only works with BRX series PLC's)

Added INI instruction for immediate reading of the input table. (Only on BRX Series PLC's)

Other minor enhancements and features can be found in Updates.pdf located in the Public\Documents folder.

---

#### VERSION NUMBER

2.1.4

#### RELEASE DATE

Oct 19, 2017

#### DETAILS

Corrects a Memory Configuration issue with Dynamic system and User Data Type size changes propagating to corresponding heap-items and memory data blocks. IE \$HsCtrTMR.Acc not addressable.

---

#### VERSION NUMBER

2.1.3

#### RELEASE DATE

Oct 12, 2017

#### DETAILS

Corrected a Program Check rule for Do-more Technology Version 2.1 validation of BRX Analog Module support

---

#### VERSION NUMBER

v2.1.2

#### RELEASE DATE

Sep 29, 2017

#### DETAILS

Increased validity checking.

---

#### VERSION NUMBER

v2.1.1

#### RELEASE DATE

Sep 20, 2017

#### DETAILS

New features:

Support for BRX analog modules: BX-08AD-1, BX-08AD-2B, BX-04THM, BX-08DA-1, BX-08DA-2B

User Data Types! - Full structure support for user defined data types. Create a Heap Item or Memory Block with structures such as; Motor101.Start, Motor101.Speed, Recipe1.Level, Recipe1.Setpoint.

Project Load and Save to SD card (BRX Only). Now save and restore projects using the MicroSD card in your BRX PLC.

Project Notes - Keep track of changes as you download your projects to the PLC. The Project Notes change log is stored with your PLC

project so you always have it available.

New Instructions:

BACKUP  
COPY  
DEBOUNCE  
FLASHER  
TIMEDOUT

New common timer instruction editor with timing diagrams.

For the full list of updates and improvements please refer to the Updates.pdf in the Do-more! installation folder.

---

#### VERSION NUMBER

1.4.3

#### RELEASE DATE

Sep 29, 2015

#### DETAILS

INIT instruction can cause a crash when the End field is blank.

Having the Documentation Editor open while editing the program can cause a crash.

---

#### VERSION NUMBER

1.4.2

#### RELEASE DATE

Sep 21, 2015

#### DETAILS

Instruction Toolbox (1.4.2) - drag-n-drop instructions in-place from the new Instruction Toolbox, divided into the 16 different instruction classifications

Cut/Copy/Paste Individual Instructions (1.4.2) - Use Ctrl+X, Ctrl+C, Ctrl+V to cut/copy/paste individual instructions into/out of the clipboard within or between projects Element Picker Tool - see data-block usage information while editing instruction parameters

Element Picker's Usage table also tracks uncompiled logic's element usage

---

#### VERSION NUMBER

1.4.1.20

#### RELEASE DATE

Jul 07, 2015

#### DETAILS

Key features in 1.4:

EtherNet/IP Protocol (Explicit TCP/IP, Unconnected messaging, both Master and Client)  
EIPMSG â€” Send EtherNet/IP Message instruction  
RX â€” Do-more Network Read, WX â€” Do-more Network Write  
Memory View  
Element Picker Tool  
Memory Image Manager available Offline, w/Editing  
Program Check Rule Filter  
Auto-Fill Element Documentation Records  
Tons more

See updates.pdf in the installation folder for details of bugs fixed.

#### VERSION NUMBER

1.3.1

#### RELEASE DATE

Apr 03, 2014

#### DETAILS

New features:

- DirectLogic Migration Utility. Users can now migrate Directlogic 05/06/105/205/350/405 files into DoMore Designer.
- TMRAG and UDCG instructions for timers and counters with no built in reset mechanism for use in Programs/Tasks/Stages.
- DEVREAD & DEVWRITE now support strings.
- STRPRINT now has a new script function; ipaddr.
- DmLoader utility for OEM system replication.
- MODBUS support for function code 22.
- DmLogger now supports file logging to disk.
- Trend & PID View supports a second logging format.

See updates.pdf in the installation folder for details of bugs fixed.

NOTE: DoMore Designer Auto Update will not retrieve this update or firmware updates. Changes to the HOST Engineering server has broken this ability for older versions. Versions from 1.3.1 on will function properly.

Network path Network path: \\srv-data01\Tech\Software\Do-more Designer\

#### VERSION NUMBER

1.1.1

#### RELEASE DATE

Aug 21, 2013

#### DETAILS

Summary of changes:

- (1) Added Ethernet I/O built-in support on the on board Ethernet port of Do-more CPU
- (2) Instructions changed/added
- (3) I/O System View added
- (4) Ethernet I/O Monitor added
- (5) Module config for more-intelligent analog modules
- (6) More Nickname sorting options
- (7) Do-more Technology Versions added
- (8) Performance enhancements
- (9) New Installation Paths (allowing side-by-side install of multiple versions)
- (10) >80 software anomalies fixed
- (11) >10 firmware anomalies fixed

#### VERSION NUMBER

1.0.1

#### RELEASE DATE

Sep 05, 2012

#### DETAILS

1.0.1 is the launch version for Do-more Designer.

Launch version firmware is embedded in this file.