

Software Version : EasyBuilder8000 V4.65.16

Corrections

EasyBuilder8000

1. Fixed the problem where the address grid disappears when changing the size of EasyBuilder8000 editing window.
2. Fixed the problem where macro function FLOAT2ASCII may do incorrect conversion.
3. Fixed the problem where wait_time is misread as array size in INPORT2 macro function.
4. Fixed the problem where the periodically executed macro may stop running after continuously run for several weeks.

Drivers

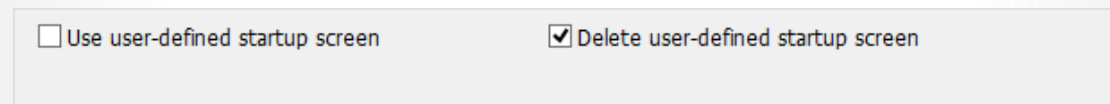
1. **Modbus RTU** driver device types 0x_single_bit and 1x_single_bit are added.
2. Added support for multiple CPU connection for **Rockwell EtherNet/IP (ControlLogix) - Free Tag Name** driver.
3. Fixed the problem where **PATLITE** driver cannot write to a bit register in Off-line simulation mode.
4. Improve the interference resistance of **Mitsubishi Q00/Q00UJ/Q01/QJ71** driver. Fixed the problem where it will take a while to connect to the device after powered on, or it will lose connection occasionally if there exists signal interference.

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New Features

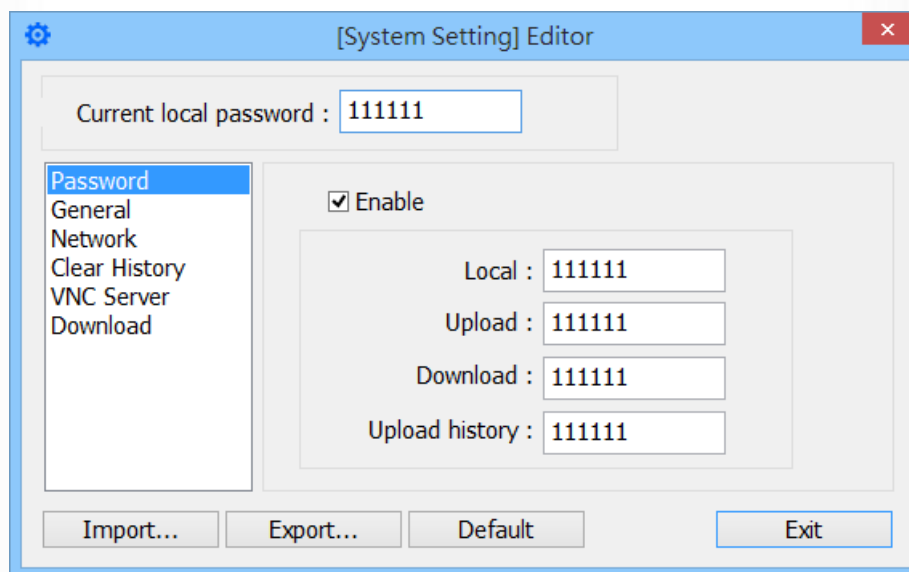
EasyBuilder8000

1. Added “Delete user-defined startup screen” setting in the Download dialog box of EasyBuilder8000 and Project Manager.

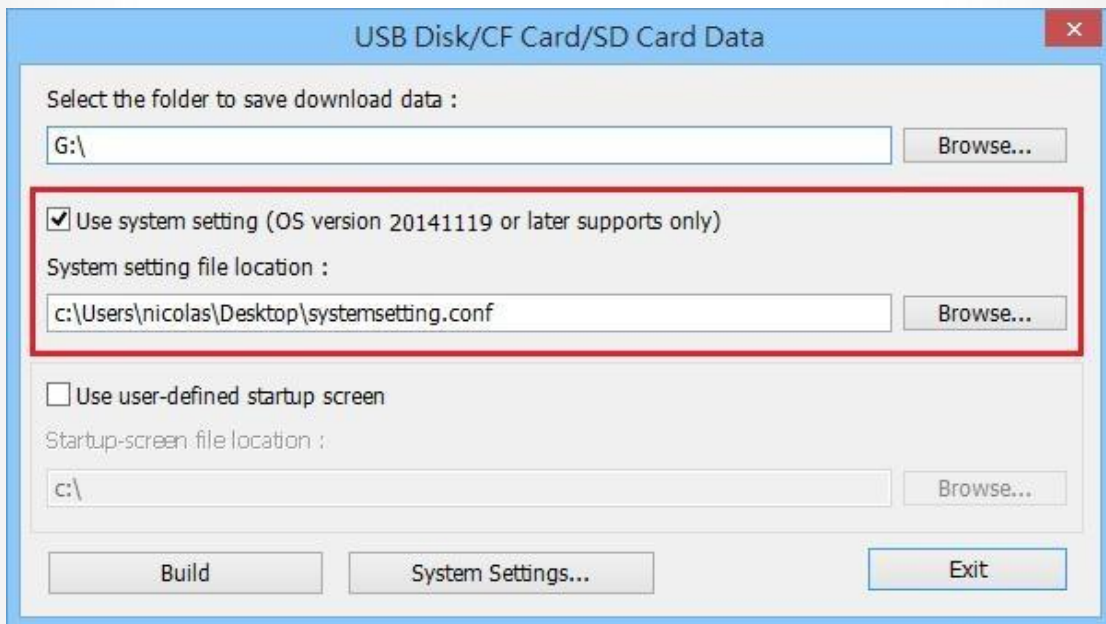


Use user-defined startup screen Delete user-defined startup screen

2. System Setting Editor allows exporting the configured HMI system settings as “systemsetting.conf” file. The file can be downloaded to HMI by using SD card or USB drive. The feature is available for HMI OS version 20141119 or later versions.



- Step 1.** On EasyBuilder Pro toolbar, click [Tools] » [Build Data for USB Disk or SD Card Download], and then select [Use system setting] checkbox. Browse for the systemsetting.conf file and then click [Build] button to generate the download file into SD card or USB drive.

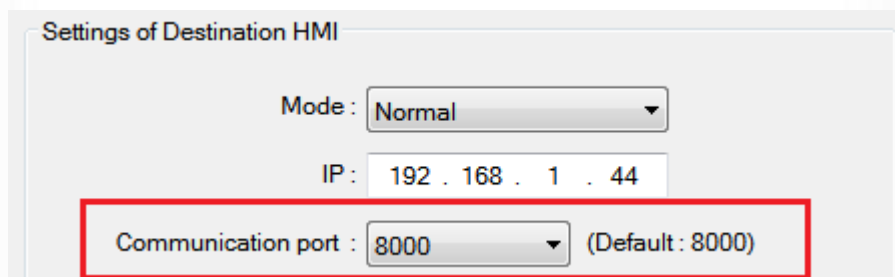


- Step 2.** Insert the storage device to HMI and then select [Load System Setting] to update the system setting.



Pass-through

1. Added "Communication port" setting in the Ethernet settings dialog box.

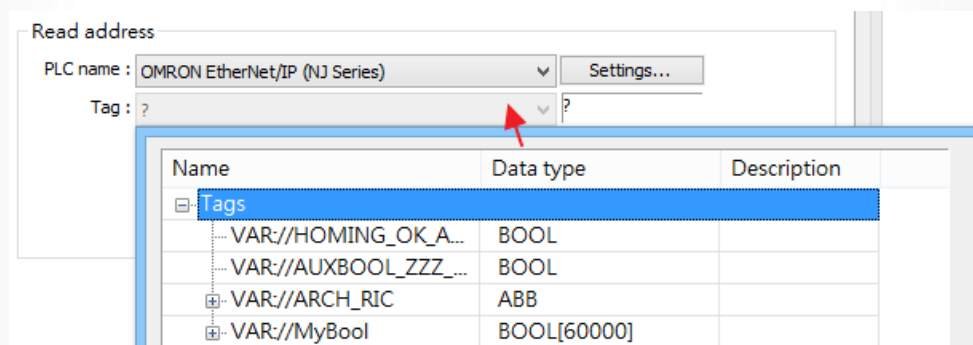


Corrections

EasyBuilder8000

1. Fixed the problem where EasyBuilder8000 may stop abnormally when changing the settings of Data Transfer (time-based) object.
2. Fixed the problem where the addresses of Siemens S7-1500 PLC tags may be incorrect after import.
3. Fixed the problem where interlaced PNG graphics cannot be correctly displayed.
4. Fixed the problem where displaying larger array can make opening tag address selection window sluggish.

As shown in the following figure, VAR://MyBool is a larger array, which slows the opening the Tags window. This release corrected this problem.



EasyConverter

1. Fixed the problem where EasyConverter may crash when backup is triggered with the EXCEL file open. This may happen if "convert2csv.def" is selected when using Backup object to back up the historical data into a remote server.

Pass-through

1. Fixed the problem where the register: [LW-9902: Pass-through destination COM port] cannot be correctly set in Pass-through mode.

Drivers

5. **Bosch Rexroth** driver is added.
6. **Rockwell Micro850 (Ethernet) – Free Tag Name** driver is added.
7. **ABB TOTALFLOW FCU** driver is added.
8. **Mitsubishi Q** series driver device types ZR_Bit and ZR_Dec_Bit are added.
9. Extended the range of **Trio MODBUS RTU, TCP/IP** device type VR to 4096.
10. Fixed the problem where the slave HMI cannot communicate with PLC in **Modbus RTU** master-slave mode.
11. Fixed the problem where **Koyo Click** device type TXT with address over 500 cannot be used.
12. Fixed the problem where **Rockwell CompactLogix - Free Tag Names** Bit registers cannot work properly.
13. Fixed the problem where the communication may fail when the IP address of TwinCAT PLC does not match that of AMS NetID.
14. Fixed read and write error of **Beckhoff Twincat 3 ADS/AMS (Ethernet)** driver.
15. Fixed the problem where **S7-200 SMART PPI** device types T, C, Timer, and Counter cannot communicate correctly.
16. Fixed the problem where **Rockwell EtherNet/IP (CompactLogix) – Free Tag Names** and **Rockwell EtherNet/IP (ControlLogix) – Free Tag Names** cannot communicate with String tags correctly.