

Date: 5 <sup>th</sup> Jan 2017	FlexiSoft Software Release Note	RN-SW-v2.33
Software Version: 2.33		

### 1. New Software Version:

FlexiSoft version 2.33 is now available. You can download it from our website using following link:  
<http://www.renuelectronics.com/software.htm>

Version 2.33 installable automatically removes previous version (2.32) from your machine. If you are using an earlier version (prior to v2.32), then you need to manually uninstall it before installing v2.33.

From this version, support for Windows XP is removed. All Windows XP users are requested to continue using FlexiSoft v2.32.

### 2. New Products added in this Release:

#### 2.1 FP3 HMI with Pluggable I/O series

We are pleased to announce the HMI with pluggable I/O series for FP3.

#### Ordering Information

BASE MODELS	
FP3043T-E	4.3" TFT, 24VDC, 2 Serial ports (1 RS232, 1 RS485), 1 USB device, 1 USB host, 1 I/O Expansion Slot
FP3043TN-E	4.3" TFT, 24VDC, 2 Serial ports (1 RS232, 1 RS485), 1 USB device, 1 USB host, 1 Ethernet, 1 SD Card Slot, 1 I/O Expansion Slot
FP3070T-E	7" TFT, 24VDC, 2 Serial ports (RS232/RS485), 1 USB device, 1 USB host, 3 I/O Expansion Slots
FP3070TN-E	7" TFT, 24VDC, 2 Serial ports (RS232/RS485), 1 USB device, 1 USB host, 1 Ethernet, 1 SD Card Slot, 3 I/O Expansion Slots
FP3102T-E	10.2" TFT, 24VDC, 2 Serial ports (RS232/RS485), 1 USB device, 1 USB host, 5 I/O Expansion Slots
FP3102TN-E	10.2" TFT, 24VDC, 2 Serial ports (RS232/RS485), 1 USB device, 1 USB host, 1 Ethernet, 1 SD Card Slot, 5 I/O Expansion Slots

EXPANSION MODELS	
FPEM-1616P	16 DI (2 HSC I/P up to 200 KHz), 16 DO (PNP type, 2 PWM O/P up to 5KHz)
FPEM-1614RP	16 DI (2 HSC I/P up to 200 KHz), 14 DO (12 Relay type 2A, 2 PNP type that can be configured for PWM O/P up to 5KHz)
FPEM-1212P-A0200L	12 DI (2 HSC I/P up to 200 KHz), 12 DO (PNP type, 2 PWM O/P up to 5KHz), 2 16-bit Lineal AI (Voltage / Current type)
FPEM-1212RP-A0200L	12 DI (2 HSC I/P up to 200 KHz), 12 DO (10 Relay type 2A, 2 PNP type that can be configured for PWM O/P up to 5KHz), 2 16-bit Lineal AI (Voltage / Current type)
FPEM-1210P-A0201L	12 DI (2 HSC I/P up to 200 KHz), 10 DO (PNP type, 2 PWM O/P up to 5KHz), 2 16-bit Lineal AI (Voltage / Current type), 1 12-bit AO (Voltage / Current type)
FPEM-1210RP-A0201L	12 DI (2 HSC I/P up to 200 KHz), 10 DO (8 Relay type 2A, 2 PNP type that can be configured for PWM O/P up to 5KHz), 2 16-bit Lineal AI (Voltage / Current type), 1 12-bit AO (Voltage / Current type)
FPEM-1210P-A0200U	12 DI (2 HSC I/P up to 200 KHz), 10 DO (PNP type, 2 PWM O/P up to 200 KHz), 2 16-bit Universal AI (Voltage / Current / RTD / Thermocouple)
FPEM-0808P-A0401U	8 DI (2 HSC I/P up to 200 KHz), 8 DO (PNP type, 2 PWM O/P up to 200 KHz), 4 16-bit Universal AI (Voltage / Current / RTD / Thermocouple), 1 12-bit AO (Voltage / Current)
FPEM-0808RP-A0401U	8 DI (2 HSC I/P up to 200 KHz), 8 DO (6 Relay type 2A, 2 PNP type that can be configured for PWM O/P up to 200KHz), 4 16-bit Universal AI (Voltage / Current / RTD / Thermocouple), 1 12-bit AO (Voltage / Current)

## 2.2 GWY-00

The GWY-00 products has been redesigned to new platform and now is supported with FlexiSoft programming software.

## 3. Following Drivers are added in this release:

Following is the list of new drivers supported over Ethernet port for FP3 and FP5 series products and FI100:

- ▶ Siemens Profinet PLCs driver

## 4. New Features:

### 4.1 GWY-910 Calling Facility

Now user can get a call on their cell phone as they get SMS from the gateway. The user needs to turn GSM\_Call bit on then the call will go to the number which is defined in Mobile Number Tag. The user can use both SMS as well as call facility simultaneously but need to give delay of 10 sec between call and SMS.

### 4.2 Rate Functionality Support

In FP3 with I/O the user will get the rate of high speed inputs on all channel in the Rate(System Register).User can use this for flow rate and speed calculations in different applications.

### 4.3 New Data Type LReal Support

To interface with Flow Meters and creating totalizer the new Data type LReal is supported in IEC-61131 programming environment. The LReal will be supported in Modbus Driver, Tasks and Show and Edit data on Screen.

### 4.4 Node Control for Modbus Driver

The user can control the communication with the nodes, during defining the node the user can select the checkbox of Reconnect control and assign a bool/bit tag there. When the user will turn the bool/bit tag on then only the communication with that respective node will get establish.

### 4.5 New Remove option is added in project list

Now user can remove the project from the recent project list without deleting it from the PC.

## 5. Backward compatibility:

All applications created with previous version of FlexiSoft are compatible with FlexiSoft v2.33.

## 6. Known Issues:

1. For Real and LReal types tag the Add A to B and Sub A to B task are not working with Quick Buttons.