NO:	**NT-089**	**PRODUCT:**	**NB Designer Software**
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NB Designer Ver. 1.35 Expands Third Party PLC Interfaces

NB Series Human Machine Interfaces Integrate Easily into Existing Systems

The new version upgrade of NB Designer software expands compatibility with popular third-party PLCs that allows Omron to gain presence on a machine specification even when the customer has standardized on a competitor's controller. Additional functionality offers panel designers the versatility needed to satisfy increased efficiency in project development.

The NB Designer Version 1.35 and NB series of HMI terminals makes it fast and easy to implement dynamic, intuitive user interfaces that will boost productivity and minimize downtime.

New Software Features

- **Rockwell Automation drivers**
  - EtherNet/IP connectivity with the MicroLogix series of PLC.
  - RS-232C (DF1) serial extended addresses support for AB SLC500/MicroLogix series of PLC.

- **Mitsubishi Electric Corporation drivers**
  - RS-232C serial connectivity with the Q06UDHCPU PLC.
  - Ethernet connectivity with the FX3U PLC.
  - Extended address support when using the Ethernet driver.

- **Text displays** can now be set to default center justified text instead of left justified text.

- **The "event" object** in NB Designer is set to trigger on rising edge.

Target Markets

Equipment Builder	Panel Builders	Food & Beverage
Packaging	Industrial Ovens	Semiconductor
Petro/Chemical	Automotive	Material Handling Equipment

Available Models

NB HMI Models

Product name	Specifications	Model
NB3Q	3.5 inch, TFT LCD, Color, 320 × 240 pixels Single Serial	**NB3Q-TW00B**
	3.5 inch, TFT LCD, Color, 320 × 240 pixels, USB Host, Ethernet	**NB3Q-TW01B**
NB5Q	5.6 inch, TFT LCD, Color, 320 × 234 pixels, Dual Serial	**NB5Q-TW00B**
	5.6 inch, TFT LCD, Color, 320 × 234 pixels, USB Host, Ethernet	**NB5Q-TW01B**
NB7W	7 inch, TFT LCD, Color, 800 × 480 pixels, Dual Serial	**NB7W-TW00B**
	7 inch, TFT LCD, Color, 800 × 480 pixels, USB Host, Ethernet	**NB7W-TW01B**
NB10W	10.1 inch, TFT LCD, Color, 800 × 480 pixels, USB Host, Ethernet	**NB10W-TW01B**

Software

NB Designer software v1.35   (Free at www.omron247.com)
> Automation Systems > Human Machine Interfaces > Dedicated Basic HMI > NB >
> Downloads > Software tools

Competitors

Manufacturer	HMI Series
Rockwell Automation	PanelView Component Series
Mitsubishi	GOT 1000 Series
Maple Systems	HMI50xx Series

Competitive Tips

Omron is very competitive on a list price basis with Rockwell PanelView Component series of HMI. With this software update, the NB can communicate with Rockwell controllers. Bring up pricing to price sensitive machine builders and integrators.

The Internet Explorer (IE) browser programming of the PanelView Component series has been criticized for not keeping up with the latest IE releases and other browsers like Chrome.

Bring up the fact that Rockwell will charge for technical support. Omron technical support is included in the purchase of the product.

Machine builders and integrators that use a variety of PLC platforms may be able to take advantage of the variety of 3rd party drivers available for the NB series of HMI. Let this class of customers know they may be able to consolidate and standardize on the NB series of HMI for many of the various PLC platforms they use. They would be able to move to fewer PO's and contact points for sales and support. See "NB-Series Host Connection Setup Manual" Cat No. V108-E1-11 on www.Omron247.com.

About the NB Series of HMI

The Omron NB series family provides a feature-rich dependable and economical HMI lineup for machine builders. It is the best choice interface to use with Omron CP1 family micro-PLC applications, with many models to suit, no matter the industry. Save time, money, and hassle with extensive graphic, communication, security, and troubleshooting features.