Panel 800 Version 6 is a user-friendly, intuitive and ergonomic operator panel that combines slim, space-saving dimensions with a comprehensive range of advanced functionalities for process and equipment controls accessible via touch-screen symbols. Its comprehensive HMI functionalities such as alarm management, trends, logging, recipes, schedulers and audit trail are used in all applications and industries today.

**Ease of Use**
- Ready-made templates and libraries, screens and project samples.
- Intuitive engineering tool similar to Microsoft® environment (eg, ribbon menus), making it easy to learn.
- Panel 800 supports multiple languages. A selected language can be changed in run-time.
- Panel Builder engineering tool supports eight languages (i.e., English, German, French, Italian, Spanish, Simplified Chinese, Traditional Chinese and Portuguese).
- Shortcuts to create unique objects (eg, pre-made styles, copy/paste, format painter, save default, create series, etc.).
- Support for conversion of existing PP800 version 5 projects.

**Robust and reliable**
- Proven in use with Global installed base.
- 30 years experience of developing HMI.
- IP65/IP66 front casing able to withstand wet, dusty and demanding environments.
- No fan, rotating hard-drive, or moving parts that can malfunction.
- Suitable for operating in temperatures from -30 to 70 ºC / -10ºC to 60ºC / -10°C to 50°C / 0°C to 50°C.
- LED technology for backlight, saves energy, and extends lifetime.
- Standard HMIs undergo minimal vibration testing; rugged HMI panels are tested extensively tested to 4 g RMS sweep sine for vibration; tested to 40 g 11ms half sine for shock.
- An audit trail function shows the process changes and actions taken by any user.

**State of Graphic**
- Dimmable backlight make Panel 800 ideal in light-sensitive environments.
- High resolution with fast touch response with Resistive touch, 1 million finger touch operations.
- Clear and easy to read display TFT display with up to 262,000 colors produces sharp and detailed views from all angles.
- Unique and intelligent navigation tool and Function menu and preconfigured controls speeds up engineering.
- Automatic distribution of alarms to other panels, printers, mobile phone (via SMS) and email.

**Truly open platform**
- Multi controller applications - one tag can be connected to several controllers.
- Real time data exchange between controllers regardless of brand.
- Extensive range of brand-specific communication Drivers.
- Connectivity through OPC classic, OPC UA, SQL, FTP and Webserver + VNC remote access.
- Support C# scripting to customize objects functionality.
- Supports the use of Windows Presentation Foundation (WPF) components.
- Supports Microsoft .NET allowing users to create user defined controls.
- Enables Debug feauters using Visual Studio.
New Black and Marine Certified Panels: The panels have screen which are dimmable to zero and housings which are black and fulfill requirements for ship bridges EN60945. They have marine certifications from DNV, GL, ABS, LR, and KR.
- PP874M standard black panel
- A panel with a 7” screen and 800x480 resolution.
- PP885M high performance black panel
- A high performance panel with a 15.4” screen and 1280x800 resolution.
- PP885H high performance and high brightness black panel.
- A high performance and high brightness (1000cd/m²) panel with a 15.4” screen and 1280x800 resolution.

Process Panel 800 Version 6
The right information at the right time, in the right place.
- Standard panels- PP871, PP874, PP877, PP877K
- High performance panels- PP882, PP885
- Black panels- PP874M, PP885M, PP885H
- Rugged panels- PP880R, PP885R, PP886H

Process Panel 800 Version 6
The right information at the right time, in the right place.
- Standard panels- PP871, PP874, PP877, PP877K
- High performance panels- PP882, PP885
- Black panels- PP874M, PP885M, PP885H
- Rugged panels- PP880R, PP885R, PP886H

Software: What’s New?
Panel Builder 800 Version 6.0-3
– Driver for ABB Freelance 2016
– Profibus EM Profibus DP a slave interface requiring the new CB802 interface*
– Using runtime dongles, Panel 800 applications can be run on a Windows PC. Based on the number of signals or tags three dongle sizes available - 250, 2000 and 4000.

Panel 800 Runtime
– Enable Windows 7 PC instead of a panel for execution of the HMI project allowing HMI application to run on Windows PC instead of the operator panels.
– Ideal for control room applications, where large screens or extended desktops, or requires diverse software on the same platform.
– Developed for cases are when you need large quantities of data in an application, remote configuration and maintenance, or reporting using Excel files.
– Optimal for simple monitoring applications with one or more controllers, and advanced applications where controllers and panel data are monitored and controlled from a central PC.
– The featured USB dongle enables runtime visualization. Based on the number of signals or tags there are three dongle sizes available - 250, 2000 and 4000.

* Except for PP880R, PP885H, PP885M, PP885R and PP886H
New Rugged and Marine Certified Panels:
The panels are developed for harsh environments and comply with UL/cUL Class 1 Div2, ATEX (zone 2), IECEx (zone 2) and are possible to use in outdoor environments from -30 to 70 °C. They have marine certifications from DNV, GL, ABS, LR, and KR, and fulfill requirements for ship bridges EN60945.

- PP880R high performance rugged panel
- A high performance panel, with a 7" screen with a 800x480 resolution.
- PP885R high performance rugged panel
- A high performance panel with a 15.4" screen and 1280x800 resolution.
- PP886H high performance and high brightness black panel
- A high performance and high brightness (1000cd/m2) panel with a 15.4" screen and 1280x800 resolution.

Hardware: What's New?

New Black and Marine Certified Panels:
The panels have screens which are dimmable to zero and housings which are black and fulfill requirements for ship bridges EN60945. They have marine certifications from DNV, GL, ABS, LR, and KR.

- PP874M standard black panel
- A panel with a 7” screen and 800x480 resolution.
- PP885M high performance black panel
- A high performance panel with a 15.4” screen and 1280x800 resolution.
- PP886H high performance and high brightness black panel
- A high performance and high brightness (1000cd/m2) panel with a 15.4” screen and 1280x800 resolution.

New Standard Key Panels:
- 2 standard HMI key panels PP874K and PP877K
- Windows CE 6.0, ARM 9 (400M Hz)
- 16 function keys for the PP874K and 22 function keys for PP877K

Process Panel 800 Version 6
The right information at the right time, in the right place.

- Standard panels- PP871,PP874,PP874K,PP877,PP887
- High performance panels- PP882,PP885
- Black panels- PP874M,PP885M,PP885H
- Rugged panels-PP880R,PP885R,PP886H

Software: What's New?

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Product Release
Compact Product Suite - Panel 800 Version 6
Panel Builder 800 Version 6.0-3
Product Release

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