



## ⚠ WARNING

### HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE

Before operating any of these products, be sure to read all related manuals thoroughly.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

- For printing purposes, the colors in this catalog may differ from those of the actual unit.
- Actual user screens may differ from the screens shown here.
- Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric Japan Holdings for any consequences arising out of the use of this material.
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# Pro-face

by Schneider Electric

Product Guide 2019



High-performance HMI



Standard HMI and Touch PLC



Industrial PC

Outdoor HMI



# NEW LINEUP

## SP5000X Series

Created by specialists in the HMI market, the SP5000X provides clients with extreme durability in various environments.

# EXTREME



Sunlight Readable



Robustness



Environmental Resistance



Maintainability



IoT Solution

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## SP5000 Series

Expanding flagship model HMI



SP-5600TA

SP-5B00

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PS5000 series

Line Management Lite SCADA

## PS-5001B



We have introduced a new Modular Type product (Core i7, Celeron), the Atom model to the market. An entry model that is compact and optimal for data collection.

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BLUE Line Management Lite SCADA

## Open Studio

Ver.UP



Upgraded with various functions to accelerate onsite IoT.

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# Find the best HMI from our range of products.

Information



[Simple Machine]



[Complex Machine]



[Data Management]



[Outdoor]

General OS

## Industrial PC

NEW



### PS5000 Series

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Industrial computer with environmental resistance and maintainability that realizes introduction of IT and networking into the manufacturing sites.

Real-time OS

## High-Performance HMI



### SP5000 Series

page 3

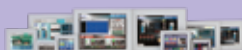
The flagship model achieving high performance and robust network security

GP-Pro EX

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Real-time OS

## Standard HMI/ HMI with Controller



### GP4000 Series

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Standard HMI with a wide range of models to meet specific customer needs.

## LT4000M Series

page 10

Integrated HMI with control functions that offer cost savings for the equipment and space savings in the panel.

GP-Pro EX

page 15

Real-time OS

## Outdoor HMI



### SP5000X Series

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Environmentally resistant for use in harsh operating conditions.

GP-Pro EX

page 15

Mobile OS

## Remote monitoring

### Pro-face Remote HMI

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Suitable for checking the device information anywhere with a tablet or smartphone, as if carrying around the display.



Hardware

# SP5000 Series

Flagship model achieving high performance and robust network security

The SP5000 series is an HMI that provides information quickly and efficiently, and promotes "smartification" of your factories.



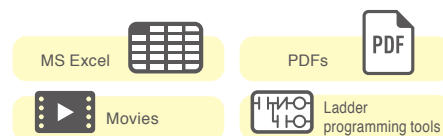
## Flagship

### 01 Manage more information in various forms

Fully compatible for direct use with Windows applications, the SP5000 can handle materials, such as manuals and error codes, without conversion.



No need to bring PC for debugging and JOB reprogramming.

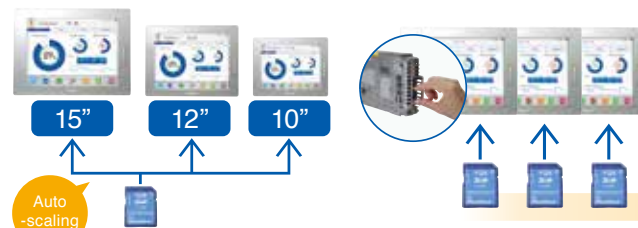


Able to use ladder programming tools...



### 02 Simple activation by inserting cards

Display data is scalable to fit multiple sizes of monitors, which can be applied to new equipment for mass production. There is no need for on-site data transfer because SP5000 models are activated when the SD card is inserted.



This is a time-efficient way to carry out on-site troubleshooting.

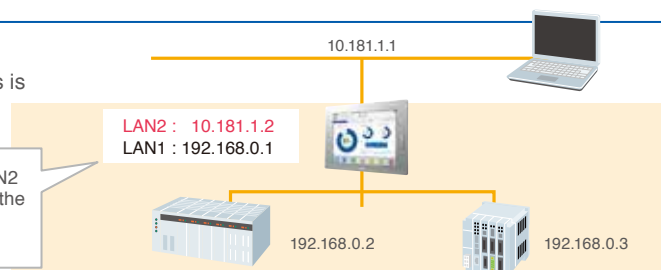
SP5000 works simply by replacing the card.



### 03 Network segmentation

All displays of SP5000 series have two Ethernet I/F ports as standard. The IP address is changed on the SP5000 at delivery.

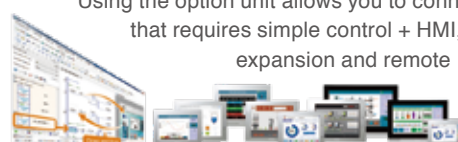
Only the IP LAN2 address within the office network is changed.



And more...

### Cost Reduction and Equipment Improvement with I/O expansion

Using the option unit allows you to connect equipment that requires simple control + HMI, additional I/O expansion and remote I/O expansion.



## Premium Display

[ Multi-touch ] [ Auto-scaling ] [ Brightness sensor ] [ Front USB (Type A & mini B) ]



SP-5800WC  
19" wide



SP-5700WC  
15" wide



SP-5700TP  
15"



Connectable  
only to open  
box module



SP-5660TP  
12"



SP-5600TP  
12"



SP-5500TP  
10"

	SP-5800WC	SP-5700WC	SP-5700TP	SP-5660TP	SP-5600TP	SP-5500TP
Model	PFXSP5800WCD	PFXSP5700WCD	PFXSP5700TPD	PFXSP5660TPD	PFXSP5600TPD	PFXSP5500TPD
Display Size	19" wide	15" wide	15"	12"		10"
Rated Input Voltage	12...24 Vdc					
Resolution	1,366 x 768 pixels (FWXGA)		1,024 x 768 pixels (XGA)			800 x 600 pixels (SVGA)
Touch Panel Type	Projected Capacitive (5 points multi-touch)		Resistive Film (analog, 2 points multi-touch)			
Interface	USB (Type A) x 1    USB (mini B) x 1					
Structure	IP65F, IP67F					
External Dimensions*	W483 x H337 x D69mm (W19.02 x H13.27 x D2.72 in.)	W414 x H295 x D69mm (W16.30 x H11.61 x D2.72 in.)	W397 x H296 x D67mm (W15.6 x H11.7 x D2.64 in.)	W315 x H241 x D67mm (W12.4 x H9.49 x D2.64 in.)		W272.5 x H214.5 x D67mm (W10.73 x H8.44 x D2.64 in.)
Panel Cut Dimensions	W465 x H319mm (W18.31 x H12.56 in.)	W396 x H277mm (W15.59 x H10.91 in.)	W383.5 x H282.5mm (W15.1 x H11.12 in.)	W301.5 x H227.5mm (W11.87 x H8.96 in.)		W259 x H201mm (W10.2 x H7.91 in.)
Others	Brightness Sensor, Auto Scaling					
Custom (Coating)	-		Yes			
Custom (Front Color Bezel)	-		Yes			

\* The depth is combined with Box Module

## Advanced Display

NEW



SP-5600TA  
12.1"



SP-5600WA  
12" wide



SP-5500WA  
10" wide



SP-5400WA  
7" wide

	SP-5600TA	SP-5600WA	SP-5500WA	SP-5400WA
Model	PFXSP5600TAD	PFXSP5600WAD	PFXSP5500WAD	PFXSP5400WAD
Display Size	12.1"	12" wide	10" wide	7" wide
Rated Input Voltage	12...24 Vdc			
Resolution	1,024 x 768 pixels (XGA)	1,280 x 800 pixels (WXGA)		800 x 480 pixels(WVGA)
Touch Panel Type	Resistive Film (analog)			
Interface	-			
Structure	IP66F, IP67F, TYPE 4X (Indoor Use Only) / 13			
External Dimensions*	W315 x H241 x D67 mm (W12.4 x H9.49 x D2.64 in.)	W308.5 x H230.5 x D67mm (W12.15 x H9.07 x D2.64 in.)	W268.5 x H198.5 x D67mm (W10.57 x H7.81 x D2.64 in.)	W203.6 x H148.6 x D67mm (W8.02 x H5.85 x D1.42 in.)
Panel Cut Dimensions	W301.5 x H227.5mm (W11.87 x H8.96 in.)	W295 x H217mm (W11.61 x H8.54 in.)	W255 x H185mm (W10.04 x H7.28 in.)	W190 x H135mm (W7.48 x H5.31in.)
Others	-			
Custom (Coating)	Yes			
Custom (Front Color Bezel)	Yes			

\* The depth is combined with Box Module



The modular design of the SP5000 allows various combinations of components.  
Easy to maintain and replace

## 3 types of Box Modules

Enable to utilize Windows Applications together with HMI (equipped with HMI Runtime standard)



Open Box  
SP-5B41



SP5000 is a Microsoft Azure certified device.

Reliable Real-time OS  
High performance & expandable HMI



Power Box  
SP-5B10

Expansion units available

CANopen Master Unit FLEX  
NETWORK Master  
Unit PROFIBUS  
DP Slave/MPI Unit



Standard Box  
SP-5B00

Reliable Real-time OS  
New High performance HMI

	SP-5B41	SP-5B10	SP-5B00
Model	PFXSP5B41	PFXSP5B10	PFXSP5B00
Application Memory	Screen Size: 64 MB		
Backup Memory	NVRAM 320KB		
Interface	RS-232C / 422 / 485 x 2 Ethernet x 2 USB (Type A) x 3, USB (mini B) x 1 SD Card Slot (Storage) x 1 CFast Card Slot (System) x 1 CFast Card Slot (Storage) x 1 DVI-D output x 1 Sound Input: MIC or LINE input x 1 Speaker Output x 1 Alarm Output or Buzzer Output x 1	RS-232C / 422 / 485 x 2 Ethernet x 2 USB (Type A) x 2, USB (mini B) x 1 SD Card Slot (System) x 1 SD Card Slot (Storage) x 1 Speaker Output x 1 Alarm Output or Buzzer Output x 1	RS-232Cx 1 RS-422 / 485 x 1 Ethernet x 2 USB (Type A) x 2, USB (mini B) x 1 SD Card Slot (Storage) x 1
Windows Application	Yes	-	-
Expansion Unit	-	Yes	-
Connectable Devices	4		
Custom (Coating)	Yes		

# SP5000X Series



An outdoor HMI that is visible under sunlight, and resists extreme environment

We have created a sunlight readable screen that is resistant to direct sunlight and extreme temperatures. With an enhanced information display unit and improved operability, this product is suitable for multiple applications under harsh environmental conditions including use in special purpose vehicles such as firetrucks and construction equipment; parking lots and gas stations; and the oil and gas industry.

*Extreme*

## 01 Sunlight Readable



Anti-glare

Glass touch sheets

High brightness liquid crystal panel

No Plastic overlay

### High brightness liquid crystal panel

High brightness liquid crystal panel (1000cd/m<sup>2</sup>)

### Anti-reflection (Anti-glare)

Improve visibility in sunlight by decreasing glare.

### High-transmittance design

The liquid crystal display uses a glass touchscreen to improve transmissivity.

## 02 Robustness



Cut UV rays by 99% (380nm)

### UV Protection

Improve UV protection and prevent deterioration by replacing plastic components that are exposed to sunlight with metal or glass.



Improve longevity

### Full Coating

Improve the longevity of the product even when used in outdoor environments with dust and extreme temperatures by adding coating on the substrate, LCD, and power source components.

## 03 Environmental Resistance



### Sufficient against Vibration/Shock

We do apply IEC60068-2-6 or IEC60068-2-27 instead of IEC61131-2 test which is typically used for factory automation devices. Because they are more suitable for earth moving machines, or generators or compressors which use engines to operate machines.

\* Display Module : 7" w and 12" w: 2G / 40G, 15" w: 1G / 15G  
Box Module : follow the connected Display Module.



### Operating temperature: -30°C to 70°C

Can be used in harsher environments without the need for anti-frost heaters or fans and cooling systems.

\* Display Module : 7" w: -30 to 65°C, 12" w: -30 to 70°C, 15" w: -20 to 60°C  
Box Module : follow the connected Display Module.



### Dust and waterproof

Compatible with IP66F



## 04 Maintainability

### Battery-less



### Application



### Modular structure that is easy to maintain

It is possible to replace the exposed display without changing the whole unit. The box is designed with the application pre-installed and can be used immediately upon changing components. Changes can be made quickly and easily without the need of a PC, optimizing time and resources.

## 05 IoT Solution



### Data collection and remote maintenance

Collect data remotely from a PC such as error history and operation status, outcome, and history. It is also possible to access the HMI, verify the operation status, and conduct maintenance remotely via PC or tablet.

## Display Module



SP-5790WA

15" wide



SP-5690WA

12" wide



SP-5490WA

7" wide

	SP-5790WA	SP-5690WA	SP-5490WA
Model	PFXSP5790WAD	PFXSP5690WAD	PFXSP5490WAD
Display type	TFT Color LCD (High brightness)		
Display size	15.6" wide	12.1" wide	7" wide
Resolution	1,366 x 768 pixels (FWXGA)	1,280 x 800 pixels (WXGA)	800 x 480 pixels (WVGA)
Display colors	262,144 colors		
Backlight	White LED (Not user replaceable. When replacement is required, contact customer support.)		
Touchpanel lifetime	1,000,000 times or more		
Rated input voltage	12...24 Vdc		
Power consumption	Max. 48 W	Max. 37 W	Max. 29 W
Ambient air temperature	-20 to 60 °C (-4 to 140 °F)	-30 to 70 °C (-22 to 158 °F)	-30 to 65 °C (-22 to 149 °F)
Dust	0.1 mg/m <sup>3</sup> (10 <sup>-7</sup> oz/ft <sup>3</sup> ) or less (non-conductive levels)		
Pollution degree	3 for front face, 2 for other sides		
Atmospheric pressure (operating altitude)	800 to 1,114 hPa (2,000 m [6,561 ft] or lower)		
UV resistance (front side)	Cutoff: 99% or more (380 nm)		
Vibration resistance	IEC 60068-2-6 compliant 5 to 9 Hz Single amplitude 3.5 mm (0.14 in) 9 to 150 Hz Fixed acceleration: 9.8 m/s <sup>2</sup> X, Y, Z directions for 10 cycles (approximately 100 minutes) IEC 61373: 1999 (Category 1, Class B) 5s≤150 Hz (weight < 500 kg: f1=5 Hz, f2=150 Hz) acceleration: Up and down: 7.90 m/s <sup>2</sup> , Right and left: 3.50 m/s <sup>2</sup> , Back and forward: 5.50 m/s <sup>2</sup>	IEC 60068-2-6 compliant 5 to 9 Hz Single amplitude 7 mm (0.28 in) 9 to 150 Hz Fixed acceleration: 19.6 m/s <sup>2</sup> X, Y, Z directions for 10 cycles (approximately 100 minutes) IEC 61373: 1999 (Category 1, Class B) 5s≤150 Hz (weight < 500 kg: f1=5 Hz, f2=150 Hz) acceleration: Up and down: 7.90 m/s <sup>2</sup> , Right and left: 3.50 m/s <sup>2</sup> , Back and forward: 5.50 m/s <sup>2</sup>	
Shock resistance	IEC 60068-2-27 compliant 147 m/s <sup>2</sup> , 11 ms, X, Y, Z directions for 3 times	IEC 60068-2-27 compliant 392 m/s <sup>2</sup> , 11 ms, X, Y, Z directions for 3 times	
Electronic fast /transient / burst immunity	IEC 61000-4-4 / 2 kV: Power port / 1 kV: Signal ports		
Electrostatic discharge immunity	Contact discharge method: 6 kV Air discharge method: 8 kV (IEC/EN 61000-4-2 Level 3)		
Structure	IP66F		
External dimensions	408 x 264 x 68 mm (16.06 x 10.39 x 2.68 in)	308.5 x 230.5 x 68 mm (12.15 x 9.07 x 2.68 in)	203.6 x 148.6 x 37 mm (8.02 x 5.85 x 1.45 in)
Front bezel materials	Aluminum die-cast / Stainless steel		



## The Modular Design of the SP5000X

## Box Module



SP-5B90

	SP-5B90
Model	PFXSP5B90
Application Memory	Screen Size: 64 MB
Backup Memory	NVRAM 320KB
Interface	RS-232C / 422 / 485 x 2, Ethernet x 2, USB (Type A) x 2, USB (mini B) x 1, SD Card Slot (System) x 1, SD Card Slot (Storage) x 1, Speaker Output x 1, Alarm Output or Buzzer Output x 1
Expansion unit	Fieldbus Unit x 1
Connectable Devices	4



Standard HMI

# GP4000 Series

Varied and flexible lineup  
satisfying customers needs

Combines abundant functions with a broad line-up of  
versatile models to meet the specific needs of every customer.



Standard

## 01 Widest line-up in the Pro-face brand

From classic to unique, we offer a wide range of choices to meet any application.



## 02 Compatible with our legacy models



GP410



GP2000



GP3000



GP4000

Data in GP-PRO/PBIII for Windows or later is convertible using project converter. Smooth transition to the latest models.



## USB expansion options unique to Pro-face

### Reduce excess inventory of indicator lights

#### EZ Tower Light

Model : PFXZCETWHA1 (tube mounting with fixing plate)  
Model : PFXZCETWW1 (base mounting)

With this single model, multiple colors and sounds can be set.  
Capable of indicating the state of equipment.



#### LED lamps adaptable to various types of setting

Configuration from HMI  
4 colors (red, green, blue, and yellow)  
and 3 modes (off, on, and blink)  
Number of lamps: 3  
Buzzer patterns: 4

### Combining switch and lamp

#### EZ Illumination Switch

Model : PFXZCCEUSG1

Improve visibility with 6-color illumination.  
Reduce man-hours for control panel installation and wiring



#### LED light switches accept a wide range of settings

Configuration by HMI design software  
6 colors (red, green, blue, yellow, white, and orange)  
and 3 modes (off, on, and blink)  
Protection structure: IP65 (front face where panel is embedded)  
Mount: 22φ circular mounting hole

### Work-saving for inputting repeated values

#### EZ Numpad

Model : PFXZCCEUKB1

Reduces screens needed for value input

- Alphanumeric and customizable function keys (Set by HMI design software)
- Protection: IP65
- Mount: 22φ circular mounting hole



### Even more improved security

#### EZ Fingerprint Recognition Unit

Model : PFXZCCEUSS1

Prevents spoofing by changing from ID / PW to fingerprint authentication. Combination with operation logs enables accurate tracking of access.

- Register up to 100 people
- Protection: IP65
- Mount: 22φ circular mounting hole
- Error rate: 0.1% or less



### Adding second LAN port with independent IP address

#### EZ LAN Adapter

Model : PFXZCCEUUE1

The GP4000 series also allows you to securely set up a network.

- Same functions as built-in LAN port
- 10BASE-T / 100BASE-TX
- Limited to GP4000 standard models



Also can be used with Pro-face products other than GP4000 series.

## Standard models



GP-4601T  
12"



GP-4501T  
10.4"




GP-4401T  
7.5"



GP-4301T  
5.7"



GP-4201T  
3.5"

	GP-4601T	GP-4603T	GP-4501T	GP-4503T	GP-4401T	GP-4301T	GP-4303T	GP-4201T
Model	PFXGP4601T**	PFXGP4603TAD	PFXGP4501T**	PFXGP4503TAD	PFXGP4401TAD	PFXGP4301TAD	PFXGP4303TAD	PFXGP4201TAD
Display Size	12.1"		10.4"		7.5"	5.7"		3.5"
Rated Input Voltage	100...240 Vac / 24Vdc	24Vdc	100...240 Vac / 24Vdc	24Vdc	24Vdc			
Resolution	800 x 600pixels (SVGA)		640 x 480pixels (VGA)			320 x 240pixels (QVGA)		
Touch Panel Type	Resistive Film (analog)				Resistive Film (analog)			
Application Memory	32MB					16MB		
Data Backup	SRAM 320KB							
Interface	RS-232C x 1,RS-422/485 x 1*,Ethernet x 1 USB(Type A) x 1,USB(mini B) x 1,SD Card Slot x 1							RS-232C/422/485 x 1, Ethernet x 1,USB(Type A) x 1, USB(mini B) x 1,
Structure	IP65F							
External Dimensions	W315 x H241 x D56mm (W12.4 x H9.49 x D2.2 in.)		W272.5 x H214.5 x D57mm (W10.73 x H8.44 x D2.24 in.)		W218 x H173 x D60mm (W8.59 x H6.81 x D2.37 in.)	W169.5 x H137 x D59.5mm (W6.67 x H5.39 x D2.34 in.)		W132 x H106 x D42mm (W5.2 x H4.17 x D1.65 in.)
Panel Cut Dimensions	W301.5 x H227.5mm (W11.87 x H8.96 in.)		W259 x H201mm (W10.2 x H7.91 in.)		W204.5 x H159.5mm (W8.05 x H6.28 in.)	W156 x H123.5mm (W6.67 x H4.86 in.)		W118.5 x H92.5mm (W4.67 x H3.64 in.)
Connectable Devices	4							
Custom (Coating)	Yes							
Custom (Front Color Bezel)	Yes							
Rear Mount model (GP4000R)	Model:PFXGP4601TADR		Model:PFXGP4501TADR		Model:PFXGP4401TADR	Model:PFXGP4301TADR		-
External Video Unit-supporting Model	Product Name:GP-4621T Model:PFXGP4621TAA Model:PFXGP4621TAD (coating:Yes)		Product Name:GP-4521T Model:PFXGP4521TAA (coating:Yes)		<div>Best choice for replacement!</div> <div>VM or RGB unit from GP3000 can be used without additional settings.</div> <div></div>			

\*\* : [AA] Analog touchscreen & AC power supply; [MD] Matrix touchscreen & DC power supply; [AD] Analog touchscreen & DC power supply; [MA], Matrix touchscreen & DC power supply.  
\* : GP-4\*03T:RS-485 (isolation)

## W models



GP-4501TW  
10.4"



GP-4401WW  
7" wide



GP-4301TW  
5.7"



GP-4201TW  
3.5"

	GP-4501TW	GP-4401WW	GP-4301TW	GP-4201TW
Model	PFXGP4501TADW	PFXGP4401WADW	PFXGP4301TADW	PFXGP4201TADW
Display Size	10.4"	7"wide	5.7"	3.5"
Rated Input Voltage	24Vdc			
Resolution	640 x 480pixels (VGA)	800 x 480pixels (WVGA)	320 x 240pixels (QVGA)	
Touch Panel Type	Resistive Film (analog)			
Application Memory	16MB		8MB	
Data Backup	SRAM 128KB			
Interface	RS-232C x 1,RS-422/485 x 1,Ethernet x 1, USB(Type A) x 1,USB(mini B) x 1,SD Card Slot x 1,		RS-232C x 1,RS-422/485 x 1 Ethernet x 1, USB(Type A) x 1,USB(mini B) x 1,	
Structure	IP65F			
External Dimensions	W315 x H241 x D56mm (W12.4 x H9.47 x D2.20 in.)	W218 x H173 x D60mm (W8.59 x H6.8 x D2.37 in.)	W169.5 x H137 x D59.5mm (W6.67 x H5.39 x D2.34 in.)	W132 x H106 x D42mm (W5.2 x H4.17 x D1.05 in.)
Panel Cut Dimensions	W301.5 x H227.5mm (W11.87 x H8.96 in.)	W204.5 x H159.5mm (W8.05 x H6.28 in.)	W156 x H123.5mm (W6.14 x H4.86 in.)	W118.5 x H92.5mm (W4.07 x H3.64 in.)
Connectable Devices	2			
Custom (Coating)	Yes			
Custom (Front Color Bezel)	Yes			

\*:Excluding GP-4201W

## GP4000R Rear mount model

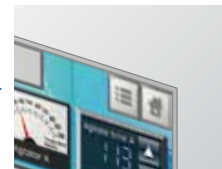
Optimized for hygiene-oriented environments.

12.1"

10.4"

7.5"

5.7"



Flat design to protect from mounting surface from dust.  
Ideal for medical or food production equipment.

## GP4100 Compact model

High resolution and full color in a small size



4.3"

### 01 Small-sized HMI but no compromises visibility or operability

With a resolution of 480 x 272 pixels, information is finely displayed despite the limitations of space.

And more... **65,536** color display

Panel cut same as monochrome model



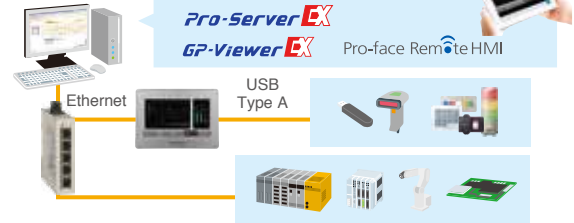
Monochrome model  
(GP-410\*\*)



Panel cut adapter  
(Model: PFXZCFAD31)

### 02 Connectivity with a range of devices

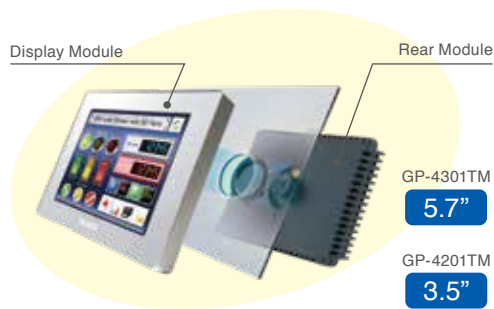
This product allows you to collect data and monitor everything remotely using a tablet.



	GP-4114T	GP-4115T	GP-4115T3	GP-4116T
Model	PFXGP4114T2D	PFXGP4115T2D	PFXGP4115T3D	PFXGP4116T2D
Display Size	4.3"			
Rated Input Voltage	12...24 Vdc			
Resolution	480 x 272 pixels			
Touch Panel Type	Analog			
Application Memory	8MB			
Backup Memory	FLASH EPROM 128KB		NVRAM 320KB	FLASH EPROM 128KB
Interface	Ethernet x 1 USB(Type A) x 1,USB(mini B) x 1	RS-232C x 1 USB(Type A) x 1,USB(mini B) x 1		RS-422/485 x 1 USB(Type A) x 1 USB(mini B) x 1
Structure	IP65F			
External Dimensions	W124.9 x H90.4 x D38.8mm (W4.92 x H3.56 x D1.53 in.)			
Panel Cut Dimensions	W112.5 x H77.5mm(W4.43 x H3.05 in.) With Panel cut adapter:W105 x H66mm(W4.13 x H2.6 in.)			
Connectable Devices	2			

## GP4000M Modular model

Easily mounted on a control panel and replaced for maintenance through a  $\phi 22$  mm circular hole.



GP-4301TM

5.7"

GP-4201TM

3.5"

	GP-4301TM	GP-4201TM
Model	PFXGM4301TAD	PFXGM4201TAD
Display Size	5.7"	3.5"
Rated Input Voltage	24Vdc	
Resolution	320 x 240 pixels (QVGA)	
Touch Panel Type	Analog	
Application Memory	8MB	
Backup Memory	NVS RAM 128KB *1	
Interface	RS-232C/422/485 x 1 Ethernet x 1 USB(Type A) x 1 USB(mini B) x 1	
Structure	IP65F	
External Dimensions	Display module: W163 x H129.4 x D17.5mm (W6.41 x H5.09 x D0.64 in.) Rear module: W118 x H98.1 x D40.1mm (W4.04 x H3.88 x D1.57 in.)	Display module: W97.6 x H80 x D16.2mm (W3.84 x H3.14 x D0.63 in.) Rear module: W118 x H98.1 x D40.1mm (W4.04 x H3.88 x D1.57 in.)
Panel Cut Dimensions	$\phi 22.5$ mm	
Connectable Devices	2	

\*1 GP4000M does not maintain clock data because backup battery is not installed. It is necessary to read the clock data externally connected.

## GP4000H Handy model

The latest handy display with high compatibility with the GP3000H models and reduced weight.



GP-4311HT

5.7"

	GP-4311HT				
Model	PFXGP4311HTAD***	Interface	RS-232C/422/485 x 1, Ethernet x 1 USB(Type A) x 1, USB(mini B) x 1 SD Card Slot x 1 Function Switch x 12 Switches: 1a2b 3-Position Enable Switch Output: 2a Key Switch Output: 1c	Hard-type Direct-connect Cable	GP3000H-CBLH-10M
Display Size	5.7"				GP3000H-CBLS-3M
Rated Input Voltage	24Vdc				GP3000H-CBLS-5M
Resolution	640x480 pixels (VGA)				GP3000H-CBLS-10M
Touch Panel Type	Analog				GP3000H-CBLHD-10M
Application Memory	32MB				GP3000H-CBLSD-3M
Structure	IP65F				GP3000H-CBLSD-5M
Connectable Devices	3				GP3000H-CBLSD-10M
				Conversion Adapter	AGP3000H-ADPCOM-01



Touch PLC

# LT4000M Series

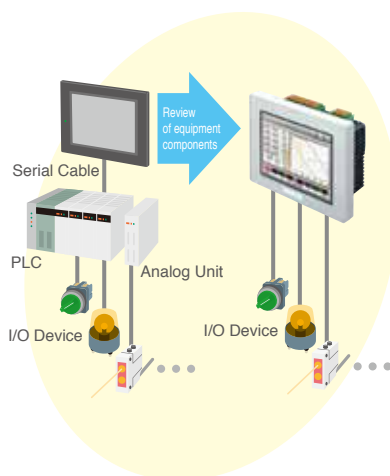
## Hybrid display with control function

Since the release of the world's first controller with display (CGP model) in 1996, our products have gained a reputation for enabling customers to save space as well as equipment costs.



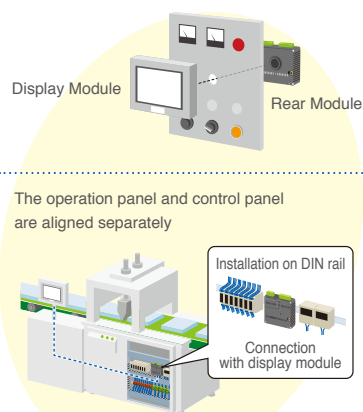
### 01 Simple design without PLC

Connectivity with  
a range of devices.



### 02 Easy to create control panels

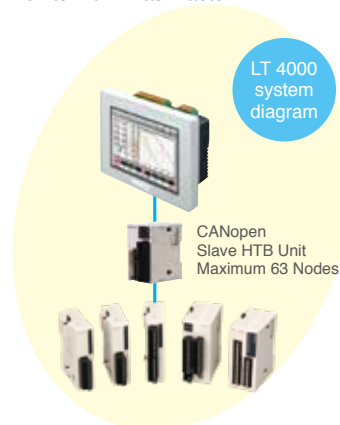
Easily retrofittable, requiring  
only 22φ circular mounting holes



Product Name	Length	Model
Display module	3m	PFXZXMDASM31
Rear module separation cable	5m	PFXZXMDASM51

### 03 Create systems with reduced wiring using remote I/O.

Compatible with European  
standard CANopen. Communicate  
with CANopen compatible slave  
units with LT as master



DIO/AIO extended EX module  
Up to 7 units per HTB unit

	LT-4301TM		LT-4201TM	
Model	PFXLM4301TADD*	PFXLM4301TADA*	PFXLM4201TADD*	PFXLM4201TADA*
Display Size	5.7"		3.5"	
Rated Input Voltage	24Vdc			
Control	DIO	AIO+DIO	DIO	AIO+DIO
Resolution	320 x 240pixels (QVGA)			
Touch Panel Type	Resistive Film (analog)			
Application Memory	16MB			
Backup Memory	NVSRAM 128KB			
Logic program area	FLASH EPROM 132KB			
Variable area	NVSRAM 64KB			
Interface	RS-232C/485 x 1 Ethernet x 1 USB(Type A) x 1 USB(mini B) x 1 CANopen (Master) x 1			
Structure	IP65F			
External Dimensions	Display Module:W163 × H129.4 × D17.5mm (W6.42 x H5.09 x D0.69 in.) Rear Module:W128 × H108 × D60.15mm (W5.03 x H4.25 x D2.36 in.)		Display Module:W97.6 × H80 × D16.2mm (W3.8 x H3.1 x D0.63 in.) Rear Module:W128 × H108 × D60.15mm (W5.03 x H4.25 x D2.36 in.)	
Panel Cut Dimensions	φ22.5mm			
Connectable Devices	4			
Built-in DIO (Input)	20 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	12 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	20 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)	12 points (configurable 2 x High Speed counter/Pulse catch or 1 Up/Down High Speed Counter)
Built-in DIO (Output)	12 points (configurable 2 x PWM/Pulse)	8 points (configurable 2 x PWM/Pulse)	12 points (configurable 2 x PWM/Pulse)	8 points (configurable 2 x PWM/Pulse)
Built-in AIO (Input)	0 points	4 points (Voltage/Current x2 - Temperature input x2 included)	0 points	4 points (Voltage/Current x2 - Temperature input x2 included)
Built-in AIO (Output)	0 points	2 points (Voltage/Current x2)	0 points	2 points (Voltage/Current x2)

# PS5000 Series



## Enter the Next Stage of Smart manufacturing with Pro-face Industrial PC

"IoT at manufacturing floor" connects machines and enables data visualization.

As the needs of collaboration with management systems and a range of BI tools have been increasing.

IoT at manufacturing floor has further evolved into Industry 4.0 or Smart Factory.

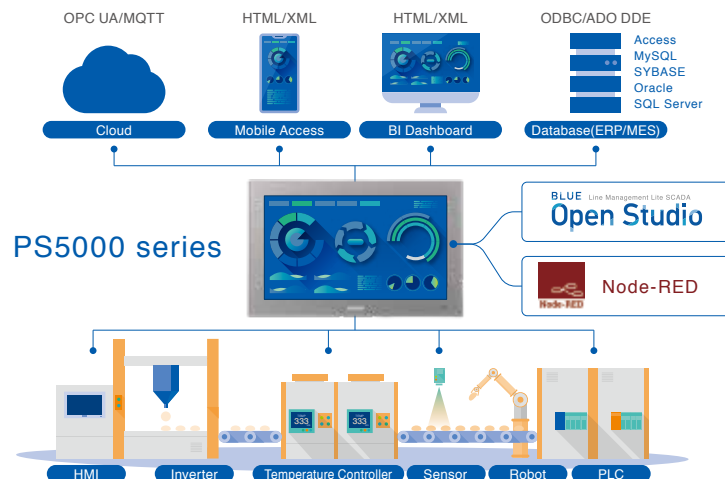
Using highly reliable PS5000 Series and Lite SCADA software "BLUE Open Studio" and Node-Red allows you to smartly handle line management from visualization of equipment to edge control and connection to IT network.

*Powerful Solution*

## 01 Achieves smart manufacturing with PS5000 Series

### Visualize production targets and results with a connected database

Capture data for production, uptime/downtime and more to any SQL database. Using its embedded database interface, BLUE Open Studio can easily provide data from the production site to third-party systems (e.g. ERP, MES) or get data from them. And Pro-face has the Node dedicated for PS5000 available, you can create a dashboard that monitors status of PS5000 as well.



### High connectivity with various devices

BLUE Open Studio has over 250 built-in drivers, supporting major PLC manufacturers such as Allen Bradley, Siemens, Schneider, Mitsubishi, Omron, as well as standard protocols MODBUS RTU/ASCII, Profibus are included.

OVER 250 DRIVERS

## 02 Reliable operation

### Hardware design to easily troubleshoot and maintenance

The modular configuration allows for fast recovery in the event of display failures, because you can simply remove and replace the display. The cartridge-type hard disk drive also enables smooth replacement in case of disk problems.

Hotswap Supported



\*Supported version : PV 04 or later

### Solid quality with carefully-selected, reliable parts

At Pro-face, we carefully select, evaluate, and test every component. Key components with limited lifetime, such as power supplies and capacitors, are our top priority for quality. We only use data storage that has passed stringent tests, including high-temperature operation.



### A variety of options to fit the required interface

Choose from a variety of interface options.

In addition to the wide variety of standard interfaces built-in, the additional interface options make this an ideal product for customers looking to expand connected equipment.



For detailed specifications, refer to the Web site (<https://www.proface.com/en/product/psc5000/option>)

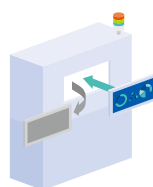
### Cybersecurity

The Modular Type is compatible with encryption enabled by TPM, Windows BitLocker and McAfee Embedded Control license (Whitelisting) is provided.



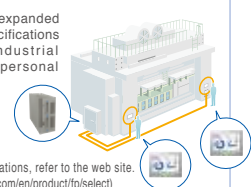
### Compatible panel cut out

From the PL3000 Series released in 2007, we have provided consistently panel-cut dimension compatible products.



### Remote display

Screens can be expanded with Factory specifications for displays, industrial computers and personal computers.




For detailed specifications, refer to the web site. (<https://www.proface.com/en/product/fp/select>)

# Modular Type

Combine the box type and the display in a range of sizes from 12 to the ultra-large 22 inches. Flexibly change the functions and sizes. The box is a stand-alone component and can be connected to various displays.

### Display Module



22" wide

15" wide

12" wide


19" wide

15"

12"

×

### Box Module



Core i7

Celeron

Atom

Display Module						
	PS-5900W	PS-5800W	PS-5700W	PS-5600W	PS-5700T	PS-5600T
Display Size	22"wide	19"wide	15"wide	12"wide	15"	12"
Rated Input Voltage	100...240Vac / 24Vdc					
Resolution	1,920 x 1,080pixels (Full HD)	1,366 x 768pixels (FWXGA)		1,280 x 800pixels (WXGA)	1,024 x 768pixels (XGA)	
Touch Panel Type	Capacitive (5 simultaneous touch)				Resistive Film (single touch)	
Structure	IP66					

Box Module				
	PS-5000B		PS-5001B	
Model	Core i7		Atom	Atom(Entry)
CPU	Core i7-4650U 1.7 GHz		Atom E3930 1.3 GHz	
Storage memory	HDD (500GB / 1TB) or SSD (128GB / 256GB) or CFast Card*1 (16GB*2 / 32GB)		M.2 SSD (64GB / 128GB / 256GB)	eMMC (64GB / 128GB)
Main Memory	8 GB or 16 GB, DDR3		4 GB or 8 GB, DDR3	
Rated Input Voltage	24Vdc		12...24 Vdc	
OS	Win7 Ultimate (64bit) or WES7 (32 / 64bit) or Win8.1 Industry (64bit) or Win10 IoT Enterprise (64bit)		Win10 IoT Enterprise (64bit)	
Interface	RS-232C / 422 / 485 x 1, Ethernet x 2, USB (Type A) x 4, Display Port x 2,		RS-232C x 1, RS-232C / 422 / 485 x 1, Ethernet x 2, USB (Type A) x 4, Display Port x 2	
Optional interface	x 2		None	x 1
Expansion Slot	0 slot or 2 slots		0 slot	

\*1 Only WES7 \*2 For secondary storage only.

# Slim Type



This integrated panel offers a drastically slimmer profile with less wasted space, while retaining the high performance. The optimized design is ideal for equipment that needs to save space.

19" wide
15" wide
10" wide

	PS-5811W	PS-5711W	PS-5701W	PS-5501W	PS-5821W (Enclosed Model)
CPU	Core i3 1.7GHz		Atom 1.75GHz		Core i3 1.7GHz
Display Size	19"wide	15"wide		10"wide	19"wide
Rated Input Voltage	100...240Vac / 24Vdc				24Vdc
Resolution	1,366 x 768pixels (FWXGA)			1,280 x 800pixels (WXGA)	1,366 x 768pixels (FWXGA)
Touch Panel Type	Capacitive (5 simultaneous touch)				
Main Memory	DDR3 (8GB)		DDR3 (4GB)		DDR3 (8GB)
OS	Win7(64bit) / Win8.1 Industry (64bit) / Win10 IoT Enterprise (64bit) / WES7 (32 / 64bit)				
Main Storage	HDD (500GB / 1TB) / SSD (80GB / 180GB / 240GB) / CFast*1 (16GB*2 / 32GB)				HDD (500GB / 1TB) / SSD (80GB / 180GB / 240GB)
Expansion Slot	-				
Interface	RS-232C / 422 / 485 x 2, Ethernet x 2 USB (Type A) x 2, HDMI x 1 Speaker Output x 1 Internal Expansion x 1		RS-232C x 1 RS-232C / 422 / 485 x 1 Ethernet x 2 USB (Type A) x 2 Internal Expansion x 1		RS-232C x 1 Ethernet x 2 USB (Type A) x 1 Internal Expansion x 1
Structure	IP66				IP66 (all around)

\*1 Only WES7 \*2 For secondary storage only.



# Multi-Converter



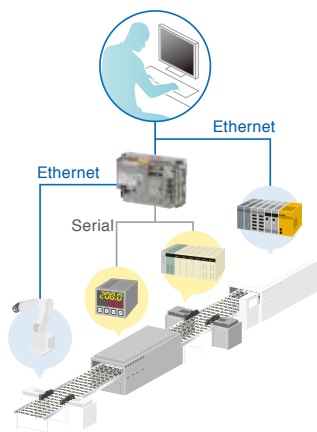
## Step Towards IoT

A multi-converter that offers a solution for data collection, connecting to a wide variety of equipment as well as PLC

# Smart Gateway

### 01 Merge data from different devices

Unify protocols and collect data efficiently



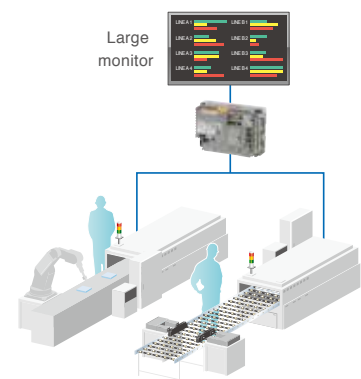
### 02 Tablet-based on-demand HMI

See status of equipment or devices in the right place at the right time.

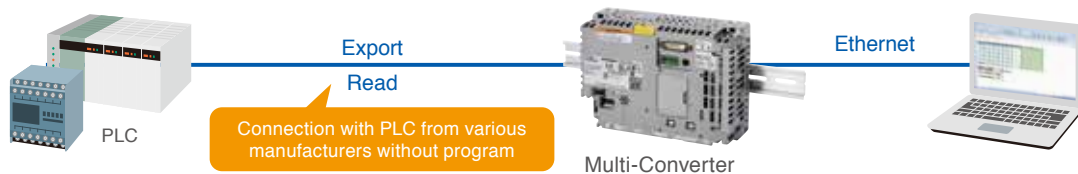


### 03 HMI for ANDON (Large-size monitor)

Optimize work by sharing production status.



### 04 Easily collect PLC data by network or USB memory



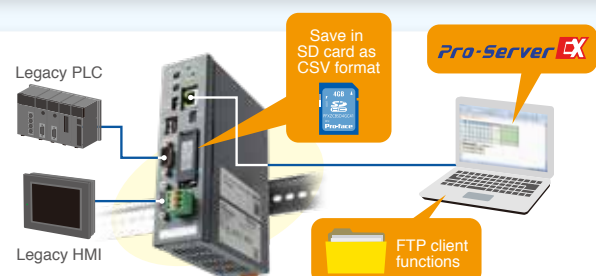
	SP5000 (Open BOX) Model	SP5000 (Power BOX) Model	SP5000 (Standard BOX) Model	LT4000M Model	GP4000M Model
Base module	PFXSP5B41	PFXSP5B10	PFXSP5B00	PFXLM4B01DAC PFXLM4B01DAK PFXLM4B01DDC PFXLM4B01DDK	PFXGM4B01D
Adapter	PFZXCDADXP1			PFZXXMADSA1	

FANUC limited model(Model:PFXLM4B01DAKFF) is available. Data collection from CNC of old machines.

Data collection device

## Pro-face IoT Gateway

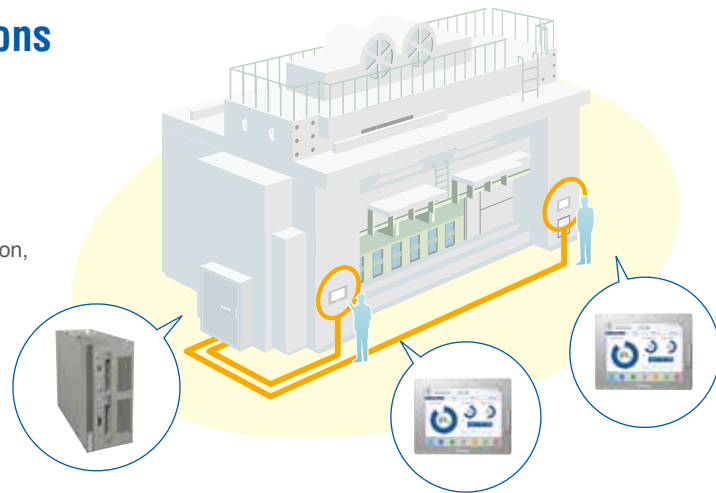
Even if the serial communication I/F is occupied, data can be collected by relaying between devices. Connectable without changing the program of the HMI and PLC. Data can be collected while maintaining communication of old devices.



# Screens can be expanded with industrial specifications for displays, industrial computers and personal computers.

As embedded displays with industrial specification, 3 types of DVI-D/Display Port/Ethernet connection are available.

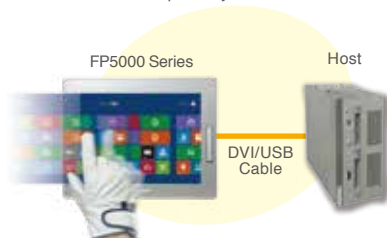
In addition, acquisition of overseas standards and installation of VESA are applicable.



## Flat Panel Monitors FP5000 series

Industrial flat panel display with high environmental resistance that allows multi-gesture control even when wearing gloves.

- Replaceable from FP3000 series
- Automatic scaling functions
- Windows XP compatibility

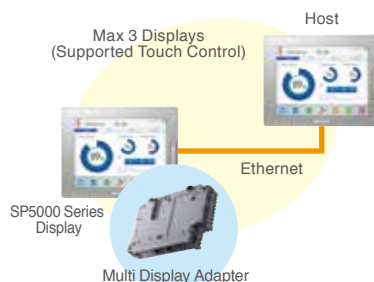


	FP-5700TPD	FP-5600TPD
Model	PFXFP5700TPD	PFXFP5600TPD
Display Size	15"	12"

## Hi-Performance HMI SP5000 Multi Display Adapter

Expansion unit for using the SP5000 series display as an Ethernet flat panel display.

- Connectable up to 100 meters with one Ethernet cable
- Support both duplicate and extended mode, a touch operation exclusive control



	Multi Display Adapter
Model	PFXZCDADEXR1

## Industrial PC PS5000

Remote Display Adapter / Display Adapter

Extension unit for the SP5000 displays allowing you to add a high-quality, glass front display to a SP5000 host.



	Display Adapter
Model	PFXZPPDADDP2

	FP5000 Series	SP5000 Series Display + Multi Display Adapter	PS5000 Series Display + Display Adapter
Touch Panel Type	Resistive Film (Analog)	Capacitive (5 simultaneous touch)	Capacitive (5 simultaneous touch)
Size	15" / 12"	19"wide / 15"wide	22"wide / 19"wide / 15"wide / 12"wide
Host	PS5000 / PS4600 / PE4000B / SP5000 Open Box (SP-5B41) / General-purpose PC	SP5000 Open Box (SP-5B41) / PS5000 / PS4600 / PE4000B / General-purpose PC	PS5000 / General-purpose PC *2
OS	WinXP (32 bit), WES2009 Win7 (32 / 64 bit), WES7 Win8 (32 / 64 bit) Win8.1 Industry (64 bit)	Win7 (32 / 64 bit), WES7 (64 bit) Win8 (32 / 64 bit) Win8.1 Industry (64 bit) Windows10 IoT Enterprise 2016 LTSC (64bit) *1	Win7 (32 / 64 bit), WES7 (64 bit) Win8.1 Industry (64 bit) Windows10 IoT Enterprise 2016 LTSC (64bit)
Video	DVI-D	Ethernet	Display Port
Touch	USB (Type B)		USB (Type B)
Distance to connect	5m (16ft.)	100m (328ft.)	100m (328ft.)
Rated Input Voltage	12...24Vdc	12...24Vdc	100...240Vac (Option) / 24Vdc
Surrounding air temperature	0...60°C	0...60°C	0...55°C

\*1 will be supported \*2 when connecting to Ethernet, only PS5000 \*3 Additional items required to connect to Ethernet.

Screen editor software

# GP-Pro EX

## Standard screen editor software

Enables HMI screen and logic programming.

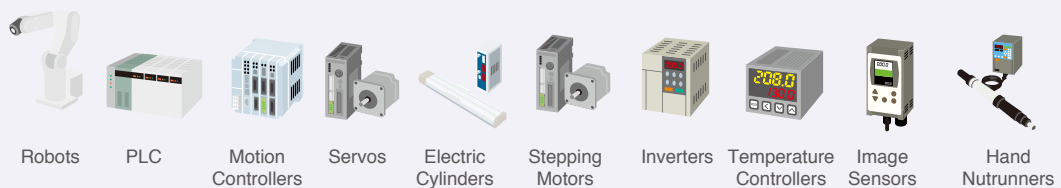
Screen customization can be performed with ease due to many functions that promote compatibility with legacy applications and reduce development time.



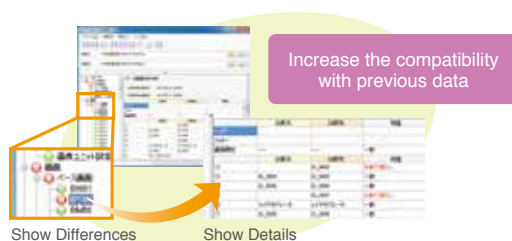
## 01 Connect directly to a wide range of devices

Largest number of drivers in the industry and many sample parts that enable connection with various manufacturers' equipment.

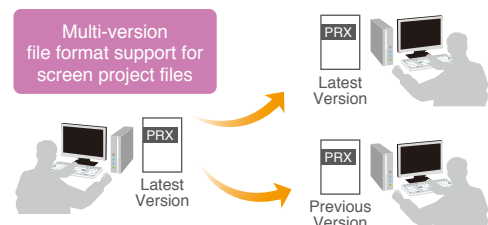
Pro-face products provide direct connection with various equipment



## 02 Leverage existing assets



Able to display the difference between two similar files in detail.

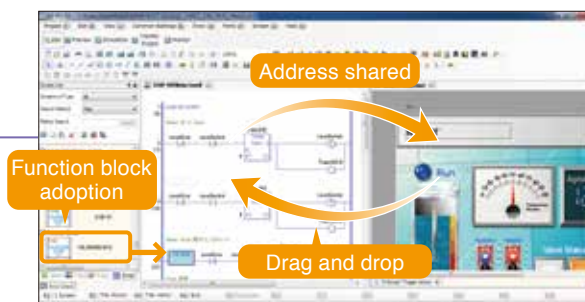


Screen project files edited in the latest version can also be saved in the previous version.



## 03 Screen and logic can be edited with one software

Controller addresses can be used directly in the editor via drag and drop, thus reducing the development time.



## 04 Easy creation of bright, vivid screens

Check everything visually on-screen, just like with real switches and lamps.



Use image fonts to expand design possibilities.



And more...

### Ethernet multilink

Multiple HMIs can be easily added or connected with a single control device using Ethernet.

### Compatible with FTP client

Data sampled by HMI can be saved as CSV on the FTP server.

## Runtime engine **WinGP**

Screens created by GP-Pro EX operate on a Windows OS-equipped machine using the Runtime engine.

### 01 Seamless communication with control equipment

No need to develop a driver to communicate with control equipment such as a PLC or temperature controller.

### 02 Cooperation with user database using dedicated API

Settings of WinGP are editable and device address read/write of the connected device can be done by the user application.

**No drawing required in programming language**



PS5000



PLC

Model	Description	
PFXEXEDV**	HMI screen editor & logic programming software (DVD)	
PFXEXEDLS**	1 license	GP-Pro EX editor license (license key code)
PFXEXGRPLS**10	10 licenses	GP-Pro EX Editor Group License (license key code)
PFXEXGRPLS**25	25 licenses	
PFXEXGRPLS**50	50 licenses	
EX-WINGP-IPC	1 license	License for using WinGP on WinGP-compatible IPC (license key code)
EX-WINGP-PCAT	1 license	License for using WinGP on PC/AT-compatible PC (license key code)

\*\*\*\* is changed with the version of software.

# BLUE Line Management Lite SCADA Open Studio

## Flexible Software

Pro-face BLUE Open Studio is a development and runtime software that incorporates all of the tools users need to create SCADA HMI applications, dashboards and OEE interfaces.



### Capabilities

Scripting	Animation	Recipes	Email (SMTP)
Security	Database	Multi-touch	FTP
Symbols	Events	Reports	Historical Performance
Tags Database	Graphics and Design Tools	Scalable	PDF Export
Troubleshooting	Trends	Scheduler	SSL Support for Emails
Gestures	Multi-Language	OPC	DDE Client
Alarms	ActiveX and .NET	Intellectual Property Protection	Custom Widgets

### Trends

Real-time and Historical trends, and SPC functionality are supported. Log data in binary format, or to any local or remote SQL database. Color or fill trends with graphic elements to enhance clarity of data. Date/ Time based or numeric (X/Y plot) trends give you the flexibility to display information that best suits your application. BLUE Open Studio supports direct connection to Historian.

### Scripting

Two powerful scripting languages are supported; built-in BLUE Open Studio functions and standard VBScript. Take advantage of widely available resources for VBScript. Both the native BLUE Open Studio scripting language and VBScript can be used simultaneously to give you the functionality you need, even from thin clients.

### Reports

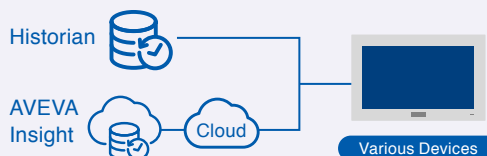
Create clear, concise reports in plain text, RTF, XML, PDF, HTML, and CSV or integrate with Microsoft Office programs such as Excel. Get the data you need, in the format you need it, to make informed decisions, fast.

### Custom Widgets

Custom Widgets provides the ability to integrate third-party web-based controls into the HMI/SCADA project screens. Develop and share a library of controls that can be easily integrated into an application and accessible through multiple platforms.

### Support for Historian and AVEVA Insight

BLUE Open Studio includes support for saving historical data from some task worksheets to a Historian database or AVEVA Insight.



### 21CFR PART11

Take advantage of built-in functionality to create 21 CFR part 11 compliant projects with traceability and e-signatures.



### License Lineup

Product Name	No. of Licenses	No. of Tags	Model	Media
BLUE Open Studio for Supervision	1 License	64,000	PFXBOS*T64K*V80	DVD/Sticker
BLUE Open Studio for Line Management Plus	1 License	32,000	PFXBOS*T32K*V80	DVD/Sticker
BLUE Open Studio for Line Management	1 License	4,000	PFXBOS*T4K*V80	DVD/Sticker
BLUE Open Studio for Machine Control	1 License	1,500	PFXBOS*T1K*V80	DVD/Sticker
BLUE Open Studio Thin Client	1 License	-	PFXBOSTC	Sticker
BLUE Open Studio Import Wizard	-	-	PFXBOSTK	Sticker
BLUE Open Studio USB Hard key	-	-	PFXBOSUSBL	USB

\* To version-up from Version 8.0 to 8.1, version-up licenses are required. In addition, upgrade licenses are available to upgrade (ex, from Line management plus to Supervision)

# Pro-Server EX

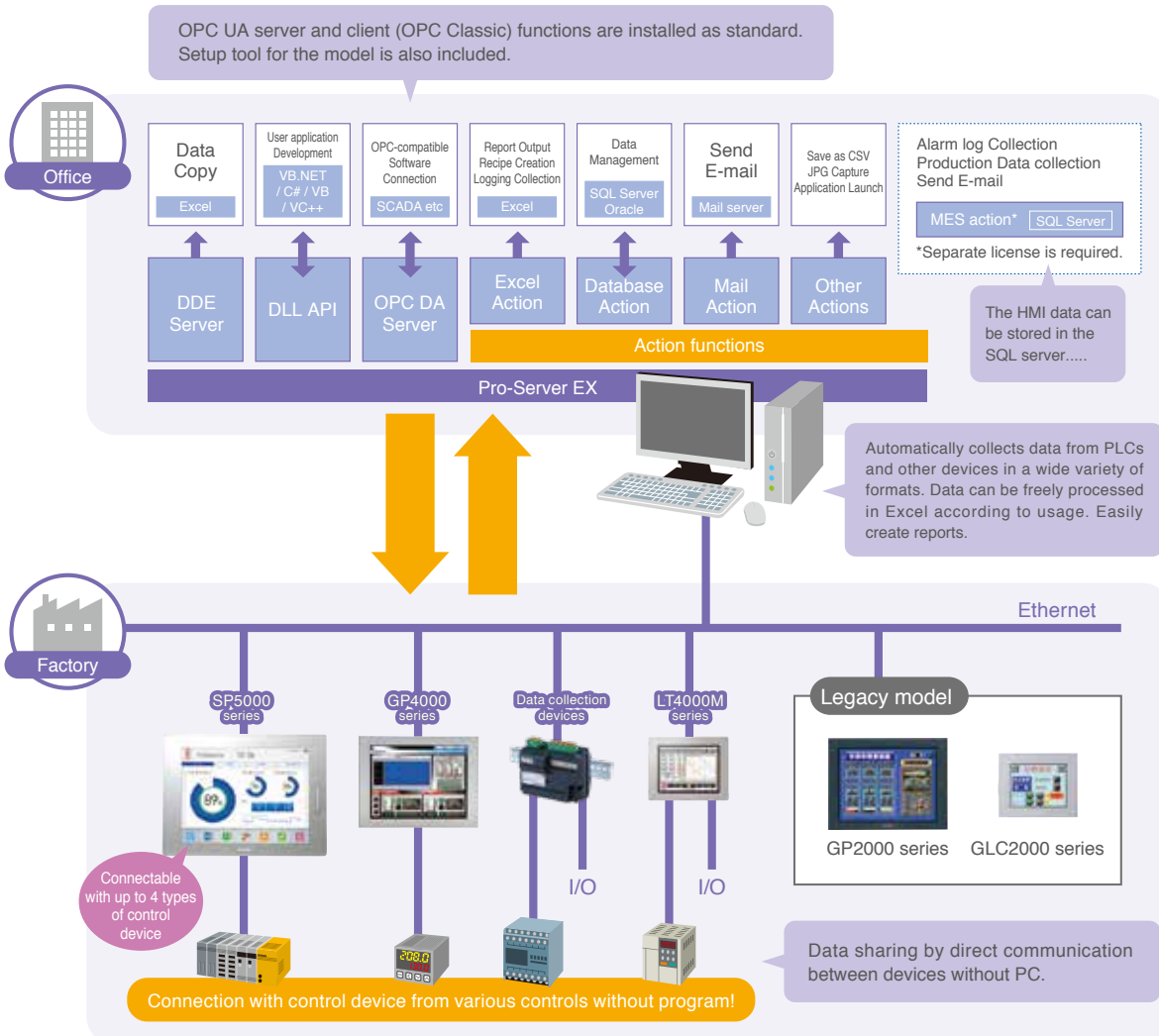


A simple way to start networking to enhance the communication between the office and the manufacturing site.

Real-time visualization and analysis of data from production sites. Remote machine monitoring and transfer of work instructions to increase efficiency between the production site and the office.

## 01 Networking of the entire site to collect data collectively without programming

Collecting accurate information, and analyzing and utilizing all your data will lead to improvement in working processes!



Model	Description	
PFXEXSDVV**	HMI screen editor & logic programming software (DVD)	
EX-SED-LICENSE	License	Pro-Server EX Developer License (license key code)
EX-SRT-LICENSE	License	Pro-Server EX Runtime License (license key code)
EX-MES-LICENSE-V**	License	License key permitting Pro-Server EX to access a database (license key code)

\*\*\* is changed with the version of software.

Supported Model (Client) *Only model with Ethernet I/F (except GP-4104)	SP5000 SP5000X GP4000 GP3000 LT4000M LT3000 IPC supported WinGP Pro-face IoT Gateway IPC supported WinGP	Old Model with Ethernet I/F	GP2000 Series GLC2000 Series GP77R Series IT2400 Series Factory Gateway
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# Remote monitoring

Various remote monitoring software to meet the exact needs of every customer.

Accurately convey vital information in a timely and effective manner to make your factory a "smart factory". Remote machine monitoring and transfer of work instructions to increase efficiency between the production site and the office.



## Pro-face Remote HMI

Software that enables tablets and smartphones to display and operate the exact same screen as the on-site HMI. Secure design with full-feature functions taking into consideration tablet operations.

Supports both synchronous and asynchronous modes

Exclusive control of touch operation and password setting at connection

Simultaneous access from multiple tablets

Register up to 100 HMIs on one tablet

Alarm notification from registered HMI

Screen confirmation without stopping operation



Central monitoring



Supported OS Android OS, iOS (iPhone, iPad, iPod touch)

Download (purchase) from App Store / Google Play

## Pro-face Remote HMI Server

Installing Pro-face Remote HMI Server on a Windows device allows users to monitor and operate Excel and PDF files from Pro-face Remote HMI, in addition to the terminal operator screens.

Screens available to display on mobile device can be set according to user.

[Full screen] [Application]  
[Area specification of screens and applications]



Model	Description
PFEXRHSLS	Software to operate and monitor Windows applications such as Excel or PDF besides Pro-face HMI screen

Supported Model (Monitoring)	SP5000 Open Box PS5000 PS4000 PE4000B PC / AT Compatible
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\* WinGP for PC / AT (EX - WINGP - PCAT) is required separately.



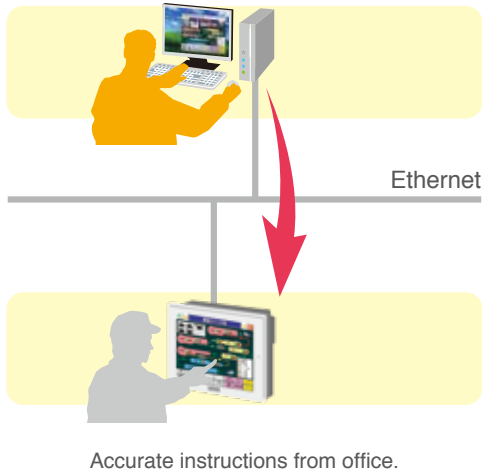
# Pro-face Remote HMI Client for Win

More powerful Pro-face Remote HMI for Windows OS launched.

While inheriting the functions of Pro-face Remote HMI, newly improved functions were added.

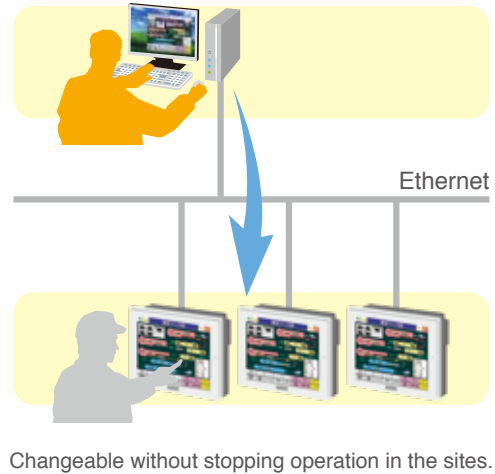
## Synchronous mode

Remote monitoring of devices on-site in realtime.



## Asynchronous mode

Displayed screen is independent from remote display and operator can apply changes.



Simultaneous display of up to 6 HMI screens



Freely change the screen size regardless of the original HMI resolution



Model	Description	
PFXEXRHCLS	1 License	Software for remote viewing of Pro-face HMI from desktop PC (license key code)
PFXEXRHCLS10	10 Licenses	
PFXEXRHCLS30	30 Licenses	

Supported Model (Monitoring)	
*Only model with Ethernet I/F (except GP-4104)	SP5000 SP5000X GP4000 LT4000M Pro-face IoT Gateway Multi-Converter PS5000* PS4000* PE4000B*

\* Pro-face Remote HMI Server is required separately.



Remote Monitoring Software

## GP-ViewerEX

Operate and view HMI screens at the production site using personal computers Real-time monitoring without impact on communication traffic.

Supports both synchronous and asynchronous modes

Simultaneous access to HMI to be monitored from up to three PCs

Simultaneous display of up to 4 HMI screens

Remote monitoring on 3G/4G lines is also possible thanks to the reduced communication traffic

Model	Description	
EX-VIEWER-LICENSE	1 License	License allowing a PC to access HMI in remote mode (license key code)
EX-VIEWER-LICENSE-10	10 Licenses	
EX-VIEWER-LICENSE-30	30 Licenses	

Supported Model (Monitoring)	
*Only model with Ethernet I/F (except GP-4104)	SP5000 SP5000X GP4000 GP3000 LT4000M LT3000 PS5000 PS4000 PE4000B Pro-face IoT Gateway Multi-Converter

# Pro-face Connect

## Connect and Go

Pro-face Connect is a ready-to-use embedded HMI service to access machines remotely and securely.

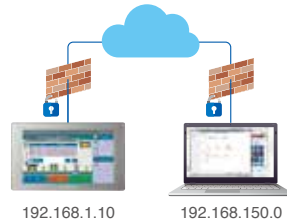
### 01 Small initial cost

No need to locate VPN router in every branch. Able to operate the system with only the license of running cost.



### 02 Able to use IP address with no change

Able to connect to the existing local IP address with no change. No man-hours to change an IP address.



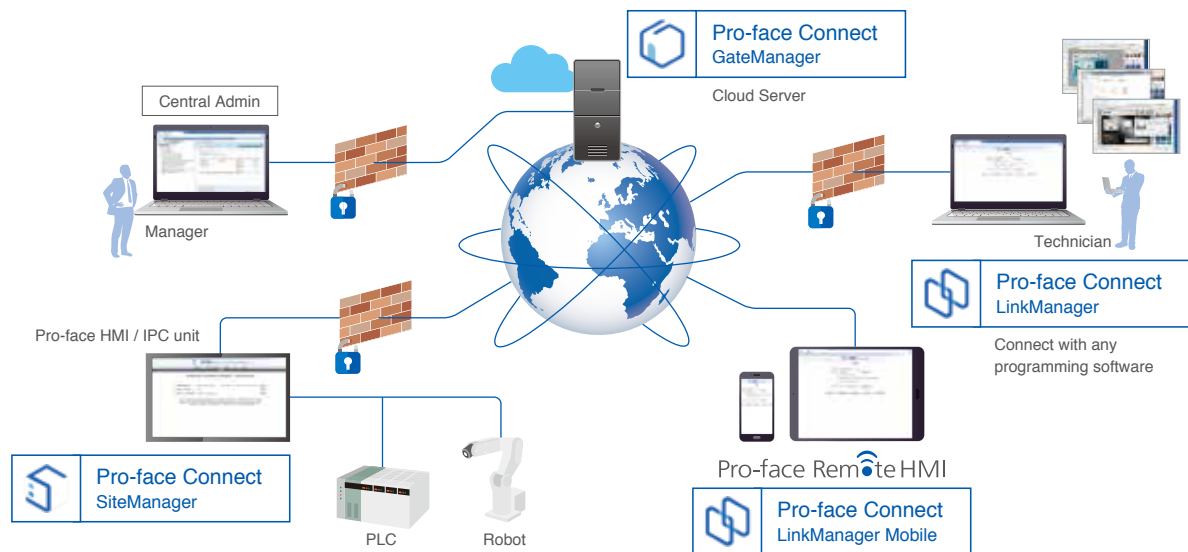
### 03 Connect securely

Conforms with industry level standards for security. Able to build a secure network.

- User access based on x.509 Cert.
- AES data encryption
- ISA99 and IEC 62443



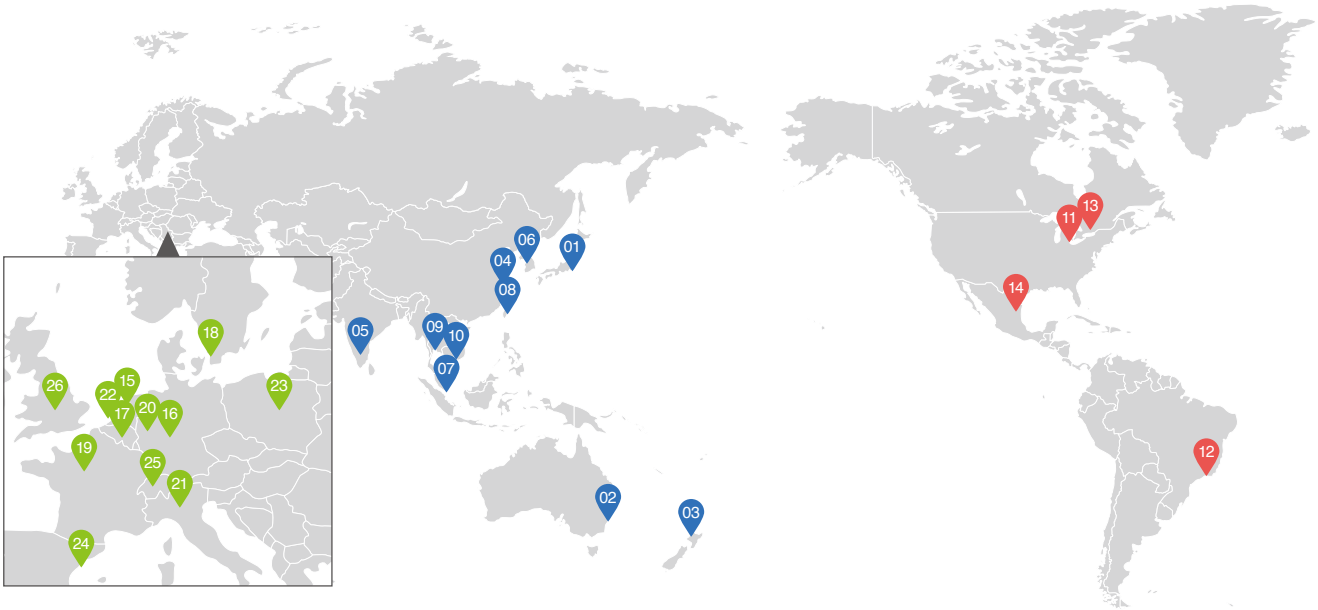
## Pro-face Connect



### License Lineup

	Product Name	Model	Description
FREE	FREE TRIAL PACK	PFXCONFREE30	Trial package running 30 days
Basic Packs	Pro-face Connect Essential Pack	PFXCONPACKESS	1 x GateManager Customer Domain
			1 x LinkManager Floating License
			1 x LinkManager Mobile License
			1 x SiteManager Extended 5 (Annual)
	Pro-face Connect Enterprise Pack	PFXCONPACKENT	1 x GateManager Customer Domain
			1 x LinkManager Floating License
			1 x LinkManager Mobile License
			20 x SiteManager Extended 5 (Annual)
Extended access to program other devices	SiteManager Embedded extended license	PFXCONEXTD5	1 x Pro-face Connect SiteManager Embedded EXTENDED license, 5 device agents
	SiteManager Embedded extended license	PFXCONEXT10	1 x Pro-face Connect SiteManager Embedded EXTENDED license, 10 device agents

# Pro-face Worldwide offices



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