Your choice of platform

Mobile
Allows you to monitor & control Pro-face HMI screen on a smart smart phone or a tablet seeing machine information wherever you go.

Pro-face Remote HMI

IPC Industrial Windows Personal Computer
Offer a wide selection with technology to meet your exact needs, Available in Box & Panel types with sustainability, durability and expandability.
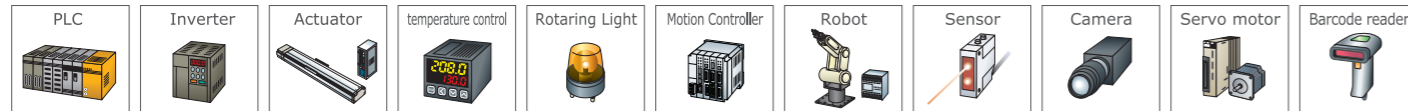
PSSERIES

HMI Human Machine Interfaces
Offer extensive connectivity, clean, clear displays, and wide variety of product lines - standard, compact, modular, and handheld HMIs.

SPSERIES

GPSERIES

HMI+Control
Offer lower overall system costs snd less panel space. Combines built-in PLC functionality with an operator interface, which is all-in-one software.

LTSERIES

Direct connection via our products to various devices enabled with our all-in-one software

PLC	Inverter	Actuator	temperature control	Rotating Light	Motion Controller	Robot	Sensor	Camera	Servo motor	Barcode reader

www.profaceamerica.com

Pro-face
by Schneider Electric

Graphic Operator Interface
SP5000 SERIES

⚠ 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.

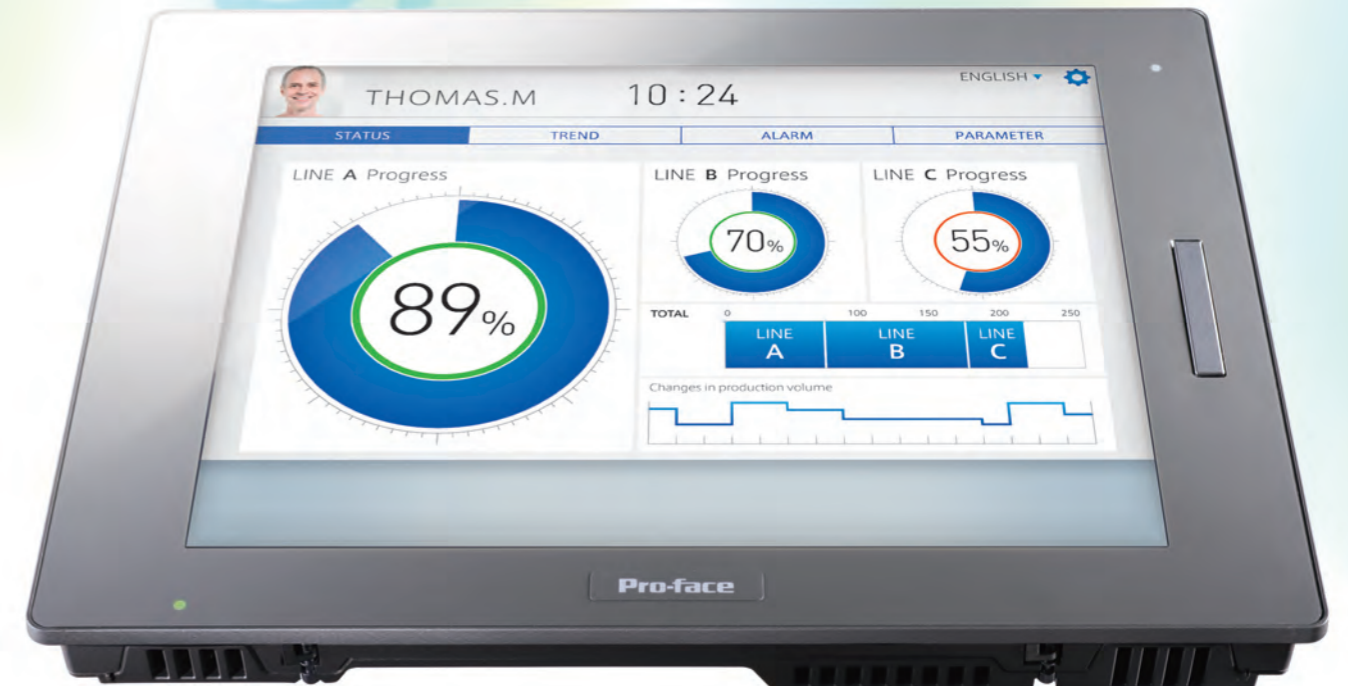| Global Headquarters	Australia	New Zealand	China	India		European Headquarters	Austria	Belgium	Denmark and Sweden
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SP5000ALL-04E00US

www.profaceamerica.com

Enhanced, Modular HMIs
for extensive data management

SMART PORTAL

With increasingly sophisticated machine performance; production management and predictive maintenance utilizing operation data; and the growing popularity of the cloud, big data is coming to the manufacturing shop floor.

Pro-face has realized unprecedented connectivity in the new SMART PORTAL, creating a new interface designed firmly with the future in mind.
The SP5000 series allows a huge variety of data to be downloaded to SMART PORTAL and transmitted in an optimal format to those who need it.

SMART PORTAL connects information and people for optimal communication

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Valuable information in the right format

Having more information is not necessarily better than having less. Value is created when the right information reaches the right people in the right format.

Bring your factory closer to your office

By segmenting the network, SMART PORTAL makes it possible to connect factories and offices while ensuring the highest security.

Simple to use —any time, any place

Overseas production and the diversification of market needs have increased the need for efficient machine setup and maintenance.

Check out the Movies

These movies will give you more information about SMART PORTAL concepts and benefits.
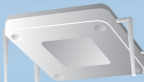
SMART PORTAL links two previously separate worlds

Enterprise Network
Integrate different networks while ensuring sufficient security.

Server PC

Mobile

Tablet

89%

Case 4
Data Collection PC

Server PC

CLOUD

Wireless Antenna

HMI RELIABILITY

Communicate real-time with a range of control devices, and collect data at high speed.

THOMAS.M   10
STATUS   TREND
LINE A Progress   LIN

89%

Alarm Code   1005
Alarm Detail   Arm attachment
Target Part   Arm position and air pressure
Remedy   1. Stop the robot.
2. Check the air pressure.
3. Check the arm position.
4. Check the parameter settings.
5. Re-start

Procedures

Pro-face

IPC VERSATILITY

Utilize Windows applications to deal with alarms or maintenance.

Case 1
High performance HMI

Case 2
Application PC

Case 3
Maintenance PC

Case 4
Data Collection PC

Shop Floor Network
Connect various devices on your shop floor with programless.

Case 1   High performance HMI

Provide real-time response

Improves rendering performance and achieves real-time response. With high-speed processing ensuring high-speed rendering, SMART PORTAL replaces devices that have suffered from unsatisfactory response speed in the past.

Case 2   Application PC

Use as a built-in application PC

SMART PORTAL can be used in environments where PCs have been built into machines to allow the use of Windows applications. Dedicated apps can be used on the SMART PORTAL.

Case 3   Maintenance PC

Use as a maintenance PC

Manuals and all kinds of development tools can be saved in SMART PORTAL. There is no need to take a PC down to the factory every time maintenance work needs to be done.

Case 4   Data Collection PC

Use as a data collection PC

Separate IP addresses can be allocated for SMART PORTAL's two Ethernet ports. A network with the highest security can be built between the office and the factory. In addition, collected data can be stored on NVRAM to protect from data loss.

Display ✕ Box module design provides flexible functionality and size

- With a selection of ten displays and three boxes available, there are thirty SMART PORTAL combinations to choose from.
- Modular design allows the display to be attached to and detached from the box, making it possible to replace only parts that need replacing

Brightness Sensor

19"Wide 15"Wide 15" 12" 10"

Premium Display

Product Name	19" Wide	SP-5800WC
	15" Wide	SP-5700WC
	15"	SP-5700TP
	12"	SP-5660TP (Wireless LAN model)
	12"	SP-5600TP
	10"	SP-5500TP

Auto Scaling

A single screen data works on three sizes of premium displays for smooth management of mixed product lines.

Wireless LAN

Easily establish a wireless network in tough environments with a built-in antenna and IP67F-compliant protection structure.

Display extension
Multi Display Adapter

Separate installation across long distances with a single LAN cable with Multi Display Adapter combined.

Front USB

COMBINATIONS

New

12" 12"Wide 10"Wide 7"Wide

Advanced Display

Product Name	12"	SP-5600TA
	12" Wide	SP-5600WA
	10" Wide	SP-5500WA
	7" Wide	SP-5400WA

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

Open Box

Product Name   SP-5B41

Back Side Interfaces

| Serial ×2 | Ethernet ×2 | USB (Type A) ×2 | USB (mini-B) ×1 | USB (Type A) ×1 | DVI-D ×1 | AUX ×1 | AUDIO Input ×1 |

Reliable Real-time OS
High performance & expandable HMI

Power Box

Product Name   SP-5B10

Back Side Interface

| USB (mini-B) ×1 | AUX ×1 | Expansion Unit ×1 |

+Control   +Control

| CANopen Master | FLEX NETWORK Master | PROFIBUS DP Slave |

| Serial ×2 | Ethernet ×2 | USB (Type A) ×2 |

Reliable Real-time OS
High performance HMI

New

Standard Box

Product Name   SP-5B00

Back Side Interfaces

| Serial ×2 | Ethernet × 2 | USB (Type A) ×2 | USB (mini-B) ×1 |

HMI Screen Editor and Logic Programming Software
GP-Pro EX

Intuitive operation reduces development time required for screen creation.

Lite SCADA Software
BLUE Open Studio

Development and runtime software that incorporates all the tools users need to create SCADA HMI applications, dashboards and OEE interfaces.

Remote Monitoring Software for Mobile
Pro-face Remote HMI

Display and operate the factory via a tablet or smartphone.

Secure Remote Access over Internet
Pro-face Connect

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

Open Box | Power Box

Removable system

Set up screens by simply inserting a CFast (Open Box) or SD card (Power Box). No need for a separate PC.

Open Box | Power Box | Standard Box

EZ Series

Extend functionality simply via a single USB cable.

Open Box | Power Box | Standard Box

Multi-Converter

Collect data of various device units without a display by combining DC Power Supply Adapter.