

Pro-face

Right Size, Right Technology

HMI and Industrial PC Solutions

Inside:

Improve Overall Equipment Effectiveness

From factory floor to the top floor

Slash Machine Cost

Reduce machine component costs

Update Operator Interfaces Remotely

Tools that reduce OEM support costs

Keep Machines Running

Factory alert PC monitoring

Get More Out of Your PC

Use it as an operator interface on-demand

CELEBRATING
35+ Years
of Industrial
Automation
Solutions

Pro-face[®]

Operator Interfaces,
Industrial PCs & Monitors

XYCOM[™]

Industrial PCs & Monitors

Trusted Brands



Pro-face

**Globally Recognized,
Globally Supported,
Globally Trusted.**

About Us

Pro-face is a leading global supplier of a broad range of industrial automation hardware and software solutions. Our principal products include the Pro-face brand operator interfaces and HMI software, and Xycom brand industrial computers. Pro-face offers dedicated and PC-based, open-architecture, visualization and control solutions.

Pro-face America, the North America sales office is headquartered in Saline, Michigan. Pro-face is supported by 17 major offices and over 1200 representatives around the world.

Innovative

- 1st to market with Touch Screen, Flat Panel and Operator Interface
- #1 in Investment protection, maintaining cutout compatibility for over 20 years
- #1 in hardware and software connectivity
- Manufacturer of the original QuickPanel™

Proven

- 35+ years of industrial HMI solutions
- Over 1.5 million operator Interfaces in use today
- Installed in more than 300,000 factory-floor systems worldwide
- Serving 50 countries and expanding

Trusted

Pro-face is installed in the world's most recognized manufacturing facilities providing smooth operations.

Find us here (and other places):

| | | |
|------------------|-------------------|-------------------|
| Industrial | Automotive | Food and Beverage |
| Packaging | Material Handling | Oil and Gas |
| Water/Wastewater | Semi-conductor | Agriculture |

Industry leading technology solving today's toughest factory problems.

Your HMI and Industrial PC Authority

Improve Your Overall Equipment Effectiveness

Connecting Factory Floor to Top Floor



Pro-Server EX

Manages data from HMIs located throughout a factory and links into your existing business or SCADA system.

Measure:

- Productivity
- Machine performance
- Quality & process yield
- Overall line effectiveness



This is where the data needs to be



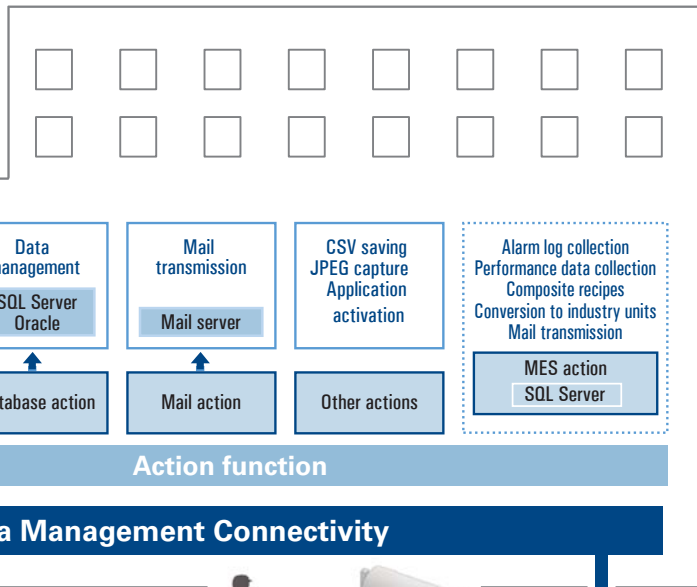
Planning
Optimize factory output

Scheduling
Monitor material flow

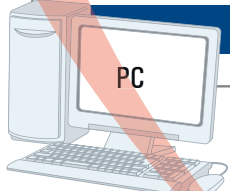
Maintenance
Manage alarms and machine performance

Quality
Process yield reporting

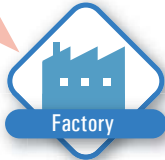
Plant Manager
Report on production efficiency



Pro-Server EX Data Management Connectivity



The data you need is on the factory floor



Overall Equipment Effectiveness Reporting

OEE % = Availability % x Performance % x Quality %



Act Now! Data Management Solutions at www.profaceamerica.com/solutions

Slash Machine Costs

Operator Interface Plus Control



LT3000 Series

Compact Operator Interface with built-in logic and I/O in one box. Slashes machine costs by eliminating PLC and peripherals while using less space.

Save \$\$\$

Eliminate these components:

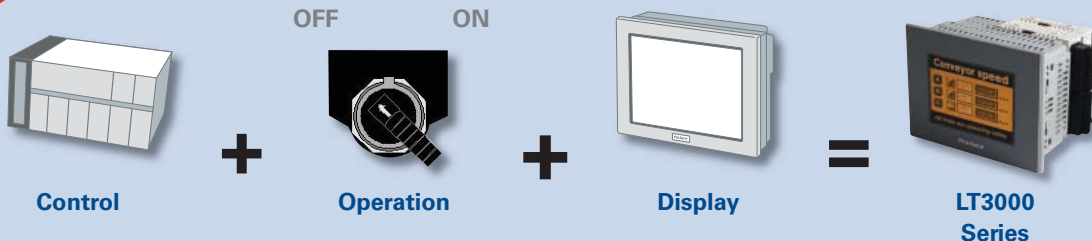
- ✓ PLC
- ✓ PLC software
- ✓ PLC to HMI cable
- ✓ Text displays
- ✓ Push buttons
- ✓ Lamps
- ✓ Timers/counters
- ✓ I/O modules
- ✓ ASCII module for bar-code input
- ✓ Encoder input module
- ✓ Pulse output module
- ✓ Custom controllers
- ✓ Manual data collection

Add up the savings and compare

LT3000 Series

- **Powerful**
Operator Interface, PLC, and I/O in one box
- **Versatile**
Mix and match variety of I/O modules to meet machines needs
- **Flexible**
Re-configurable HMI display, I/O functions and logic control using one HMI software package
- **Connectivity**
Supports bar-code readers, CANopen, serial, Ethernet, USB

ALL IN ONE!



The best use of your controls budget

Slash Machine Costs All-in-One Box Solution

- Eliminate need for PLC, custom controller and free up \$\$\$ and resources
- One box, one software solution, frees up panel space
- Speed and pump control using built-in high speed counters and PWM outputs

Machine Monitoring Remote Reporting

- Combine the LT3000 with Pro-Server EX for remote data reporting & logging
- Monitor and compare multiple machines performance
- Alert maintenance with automatic alarm feature

Machine Flexibility Connectivity Expansion

- Quick tool change-over via recipe update support keeps processes running
- Track parts using direct connect bar-code readers
- CANopen connectivity controls 3rd party I/O

Act Now! Cost Cutting Solutions at www.profaceamerica.com/solutions

Industrial Machine Interface Solutions

Industrial Operator Interface Solutions



AGP3000 Series

Solutions for:

- OEMS
- System Integrators
- End-users

Powered by

GP-Pro EX HMI Development Software



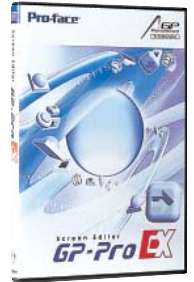
Flexible HMI Development

GP-Pro EX

All-in-one HMI development and logic control software.

Create HMI applications for

- Operator Interface
- Operator Interface + Control
- Stand-alone HMI Control
- Open-platform PCs



AGP3000 Advanced HMI

- **Variety**
Sizes, Features, Combinations of Logic Control, Audio/Video, Networking and I/O Options
- **Cut Maintenance Costs**
Play repair procedure videos to reduce machine downtime
- **Increase Machine Safety**
Play machine training videos on-demand from HMI
- **Share Information Easily**
Extract and share sensor, PLC, and productivity data with other machines or personnel
- **Quality**
The #1 preferred HMI for today's factories



GP-Pro EX HMI Development

- **Cut Development Time and \$\$\$**
Create HMI application and logic control flow simultaneously. Link logic address via drag and drop to HMI images
- **Create Flexible HMI Applications**
Share & run applications on Pro-face LT, AGP, PS, APL HMI 3000 products
- **Reduced On-site Support Costs**
Tools designed for the OEM. Perform machine diagnostics and update HMI via Internet
- **Simplifies Communications**
Extensive set of PLC, motion, vision, readers, and I/O connectivity protocols

Extend HMI Capabilities Remote PC Access

- PC functionality with power of dedicated HMI
- Access internet, manuals, maintenance records through HMI touch screen
- Use a PC server to update factory-floor HMIs resources instantly

Cut On-site Support Costs Access HMI Via Internet

- Update HMI applications over internet to cut time and travel costs
- Monitor HMI remotely to verify performance or perform diagnostics
- Upload/download data, images and log files from your office

Internet Alarm Alerts Using RSS Feeds

- Manage machine alarms via internet RSS feeds.
- OEMs, Customize web pages for each customer
- Alert maintenance staff of alarm type and actions needed

Act Now! Operator Interface Solutions at www.profaceamerica.com/solutions

Keep Your Factory Running Smoothly

PCs with Exclusive Factory Alert System



PS3000 Series
Exclusive remote health monitoring alerts factory to prevent downtime!

PCs with Advanced Data Protection



NEW



APL3000 Series
Keeps your factory running with hot-swappable redundant hard drives

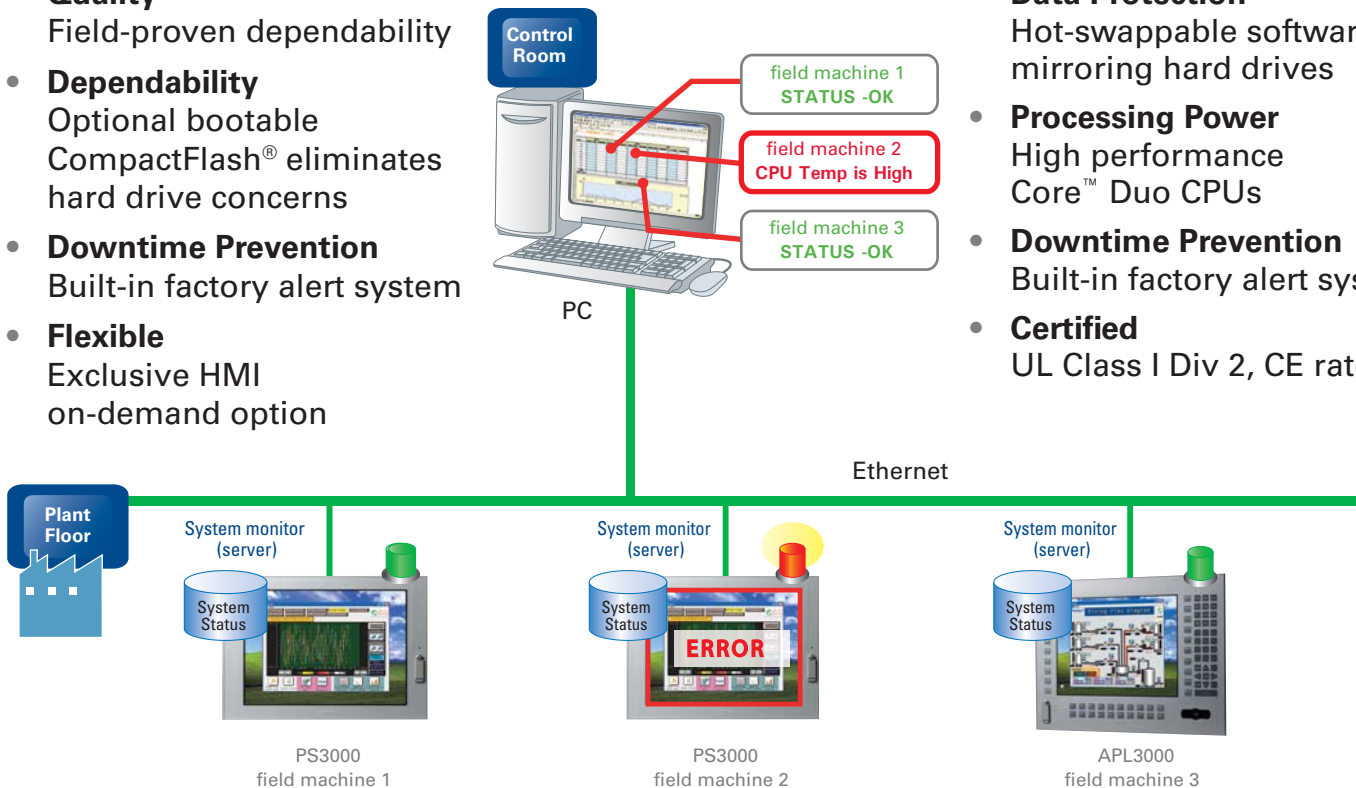
PS3000 Series

- **Quality**
Field-proven dependability
- **Dependability**
Optional bootable CompactFlash® eliminates hard drive concerns
- **Downtime Prevention**
Built-in factory alert system
- **Flexible**
Exclusive HMI on-demand option

Pro-face®

NEW APL3000 Series

- **Data Protection**
Hot-swappable software mirroring hard drives
- **Processing Power**
High performance Core™ Duo CPUs
- **Downtime Prevention**
Built-in factory alert system
- **Certified**
UL Class I Div 2, CE rated



Get More Out of Your PC HMI On-Demand

- **Exclusive** optional WinGP software turns Pro-face PCs into an on-demand Operator Interface
- Plus use as a PC to run 3rd party maintenance and SCADA programs

Keep Machines Running Factory Alert System

- **Exclusive** Integrated PC Health Monitoring Alert feature
- Instantly alerts factory of a PC in trouble
- Monitors PC parameters: temperature, fan, power, hard drive etc.

Protect Your Data Built-in Redundancy

- **Exclusive** – Software mirroring with hot-swappable hard drives
- Increases data integrity
- Communicate data anywhere when combined with Pro-Server EX Data Management Software

Act Now! Keep Your Factory Running Smoothly Solutions at www.profaceamerica.com/solutions

Rugged Computing Solutions

PCs for Demanding Factory Environments



Xycom brand PCs
Trusted for over 35 years to keep plants running smoothly

20+ years of Cutout Compatibility!!

Trouble Free PCs - Solid-State Design



Xycom Node Box

- ✓ No Moving Parts
- ✓ No Hard Drive
- ✓ No Fans
- ✓ No Worries!

Xycom 46/4700 Series

- **Dependable**
Hardware RAID-enabled PCs (optional)
- **Tested**
Shock and vibration tested for durability
- **Certified**
UL Class I Div 2, CE rated
- **Configurable**
Design your own configuration to meet the application's needs



Xycom 1341 Series

- **Maintenance Free**
No moving parts
- **Bootable CompactFlash®**
For operating systems and 3rd party software
- **Cool Running**
Rugged aluminum housing dissipates heat quickly
- **Connectivity**
Extensive set of network interface ports

Rugged Environment PC Solutions

- Unlike commercially hardened PCs, Xycom brand PCs satisfy harsh factory environments
- Maintained – limited product changes for years to come
- Supported – Industry's longest running supported PC systems

Mission Critical Solutions RAID-enabled Backup

- Built-in, hardware controlled disk-drive redundancy
- Operating system independent backup
- Auto-syncing, auto-switching hard-drive feature

Zero Maintenance Node Box Install It and Forget It

- Bootable Windows® XP CompactFlash®, solid-state PC
- No hard drive concerns
- No fans to worry about
- All the connectivity

Act Now! Rugged Computing PC Solutions at www.profaceamerica.com/solutions

Worldwide Service and Support

A global company with a local presence

We have offices around the corner and around the world. We are there for you with our combination of channel partners, area sales managers, local field application engineers and a team of trained application engineers to support you before and after the sale. We're also there for you globally!

- Pro-face Scandinavia ApS
- Pro-face Europe B.V.
- Pro-face UK Ltd
- Pro-face America
- Pro-face France S.A.S.
- Pro-face España
- Pro-face Italia S.p.a.
- Pro-face Latin America, South America & the Caribbean
- Pro-face Southeast Asia



- Pro-face Sweden AB
- Pro-face Deutschland GmbH
- Pro-face Korea Co.
- Digital Electronics Corporation - Global Headquarters, Japan
- Pro-face China
- Pro-face Taiwan
- Pro-face Australia



Restriction of Hazardous Substances (RoHS) is a directive of the European Union (EU).

ISO 9001:2000
Quality System Certified

ISO 14001:2004
Quality System Certified

Committed to bringing you the best HMI products

No other HMI company will offer you more options, higher reliability or better investment protection than Pro-face. Pro-face strives to continually provide you with HMI products that have features you won't find anywhere else.

HMIs solutions for every application

Operator Interface Plus Control

- 100's of drivers
- Shop-floor-to-top-floor data management
- Ladder logic and I/O built-in to eliminate the PLC

Training-Enabled HMIs

- Use for operator training & machine maintenance repair

On-Demand Open Platform HMI

- Run your Windows®-based applications
- Bootable CompactFlash® options
- Instant-alert health monitoring

Plus...

Full Line of Flat Panel Touch Monitors



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E-mail: sales@profaceamerica.com

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Tel: 734-944-0482
Web Support: <http://support.profaceamerica.com>
E-mail: customercenter@profaceamerica.com

ASK Pro-face
Your HMI and Industrial PC Authority

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