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
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
**Connect the 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

**Overall Equipment Effectiveness Reporting**
OEE % = Availability % x Performance % x Quality %

**Act Now!** Data Management Solutions at [www.profaceamerica.com/solutions](http://www.profaceamerica.com/solutions)
Slash Machine Costs

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

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

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
- 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

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

Pro-face®

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**

*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 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

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.

HMI 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

Pro-face America
750 North Maple Road
Saline, MI 48176 USA
Tel: 734-429-4971 or
Fax: 734-429-1010
http://www.profaceamerica.com
E-mail: sales@profaceamerica.com

Customer Care Center:
Tel: 734-944-0482
Web Support: http://support.profaceamerica.com
E-mail: customercare@profaceamerica.com

Ask Pro-face
Your HMI and Industrial PC Authority