

Interact Xpress

Distributed HMI

**In-Position
Technologies**
www.iptech1.com



Take Full Advantage of the Web for HMI Design, Publishing, Runtime and Support.

This new, affordable Human-Machine Interface (HMI) solution fully leverages the wide availability of web browsing software to enable distributed HMI software, remote support and application sharing on the Internet and IP Networks. Interact Xpress HMI applications are developed, edited, published and run in an HMI that is a Web Server, allowing users and OEMs to easily publish upgrades and applications to any global location with an Internet connection and a web browser. Interact Xpress combines a rich, graphical runtime interface with HMI development tools that can be accessed from either the HMI panel or any PC running Internet Explorer®.

Contact Information:

Parker Hannifin Corporation
Electromechanical Automation Division
5500 Business Park Drive
Rohnert Park, CA 94928
phone 800 358-9068
www.parkermotion.com/HMI



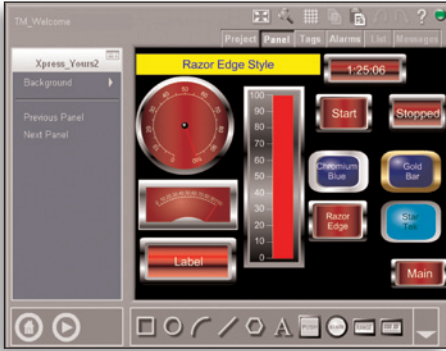
Product Features:

- Real time trend display **NEW**
- New improved security **NEW**
- Sophisticated graphics look and feel with ease of development
- Integrated Web Publishing capability for distributed applications
- No version control issues with Web published development.
- Applications can be served, created and edited online from any PC with Internet Explorer.
- Available offline, development software allows work on applications when a live Internet connection is not available.
- Advanced security for single or multi-user applications
- Tools for historical alarm data
- Capacity for complex graphics and animations
- Standard Ethernet port for both networking and controller communications
- More than 35 device communication drivers
- Unlimited tags
- Color depth to 262,144 colors
- XPR PowerStation industrially-hardened hardware with steel backshell construction
- Industry-leading 2-year warranty

ENGINEERING YOUR SUCCESS.

Simplify and Cost-Reduce Your Distributed

Interact Xpress™ software is a revolutionary product that takes full advantage of the Internet and the wide availability of web browsers to design, publish, run and support your Human-Machine Interface



(HMI) applications without sophisticated Windows-based software and hardware.

- **Optimized runtime client performance using Adobe Flash technology**
- **Bundled with CTC's new, CE-based XPR PowerStations**
- **Unlimited tags included**
- **35+ device communication drivers included**
- **Affordable HMI for multi-site, multi-station and standalone machines, particularly when remote control, monitoring and support are desirable**

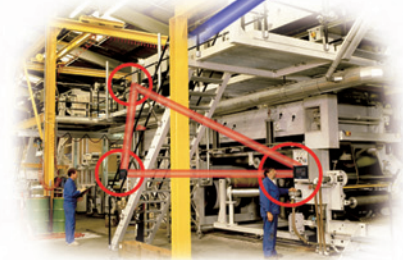
- **Supervisory stations created by simply publishing the local HMI screens to supervisory software or a simple Web browser**

Integrated Development on XPR PowerStation
Remote Support of Standalone Machines



Simple, Yet Powerful, Development Tools:

- **Integrated development environment where applications can be designed and edited on the runtime system**
- **HMI designer/editor supports multiple runtime versions, easing version control management headaches**
- **Easy, object-based screen development using a "Tool Bin" of preconfigured panels tools and "drag and drop" editing**
- **Panel Tools include: pushbuttons, numeric entry, selection entry, numeric displays, bar graphs, meters, gauges, sliders, message displays, time/date display and more**
- **3-D, shaded panel tool graphic are available in multiple styles with no additional work.**
- **Includes an Integrated Graphics Library**
- **Jpeg (.jpg) and Flash (.swf) image support**
- **Complex animation capabilities and video support**
- **Web link support**
- **Preconfigured Alarm tool with automatic collection of Historical Alarm data**
- **Integrated Tag Editor with "drag and drop" tools and import/export to Excel and other software packages**
- **Development software for offline design/editing supports Windows®2000 and Windows® XP operating systems**



Printing & Converting Machinery
Large Machines with Multiple HMI Stations

| Beer | |
|--------|--------|
| Barley | 50.00 |
| Yeast | 20.00 |
| Hops | 20.00 |
| Water | 100.00 |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Load Send

Interact Xpress
Recipes/Input
List Tool

HMI Applications

See
back page for
New Features in
Version 2.0

Feature-Rich Runtime Operation:

- Runs on CTC's XPR PowerStations (see back page) – available with 6", 8" 10" and 15" touchscreen displays and CompactFlash non-rotating storage media
- Hardware/software integration optimizes performance, storage and connectivity
- Rich, graphical runtime interface that is scalable to various screen sizes
- Runs sophisticated graphics, animations and video to enhance the operator experience
- Built-in networking, publishing and web browsing from any operator station
- Advanced security tools support single and multi-user applications, as well as integrated development from operator interface



Develop/Edit Online in Internet Explorer
Develop/Edit Offline with PC software
Remote Monitoring
Remote Control

INTERNET
or
connection



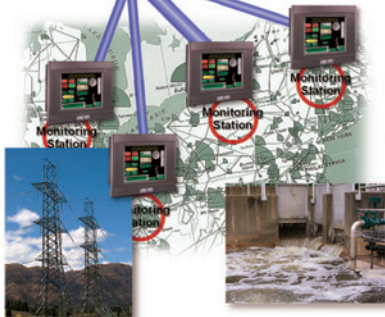
| User Levels | | Log Out | | | |
|-------------|------------|---------|----|----|---------|
| Level | Name | SA | UA | EP | |
| 0 | Admin | X | X | X | |
| 1 | Engineer | X | X | X | Edit... |
| 2 | Supervisor | X | X | | Edit... |
| 3 | Technician | X | | | Edit... |
| 4 | Operator | | | | Edit... |
| 5 | Guest | | | | Edit... |

Permissions:
SA = Shell Access
UA = User Administration
EP = Edit Project

Advanced Networking and Web Publishing:

Interact Xpress provides industry-leading Web publishing and multiple client support in a very affordable Distributed HMI package . . .

- Supports local or remote development - no version control issues or online development costs
- OEMs can easily publish upgrades and applications, using a client/server approach, to any global location with an Internet of IP connection.
- Publishes station-level runtime screens in supervisory level software via Internet browser tools – with no preset limit on connections!



Remote Stations for
Oil & Gas Pipeline
Power Transmission
Water/Waste Water

Ready for Global Remote Support:

By far, the most cost-effective way to support machinery installations or remote stations across geographical distances is via the Internet or other IP connections. Xpress makes it easier than ever to develop, edit, monitor, diagnose, share and

control machine applications online, whether working in real time or downloading/uploading files for local installation . . .

- Remote Maintenance and sharing of applications available over the Web – reduces support costs
- Local or Remote Monitoring can be accomplished via the same process.
- Web-enabled architecture eases implementation of remote diagnostics and support on a global scale.



NEW New Features in Interact Xpress 2.0

- Real time trend display capability
- Up to 1000 point historical buffer
- User configurable appearance properties
- Any tag or expression can be used for values
- Supports time interval and external triggers
- No pre-set limit on trend objects in an application
- PDF Viewing integrated in the Web browsing tool
- Screen templating capabilities:
 - Store and retrieve your own screen templates, speeding development
 - Common screen templates come pre-installed
- Multi Language support:
 - Ready for the world!
 - Support export applications
 - No pre-planning required
 - Easily export an application and translate all text, using standard tools
 - Translated text is available for seamless transition in runtime



HMI Power and Connectivity In a Durable, Affordable Package

Interact Xpress software is pre-installed and bundled with CTC's new XPR PowerStation hardware, which is designed to optimize the performance, storage and connectivity features of Xpress HMI. This NEMA4/4X-rated family of CE-based workstations is available in either an embedded no display unit or with a 6", 8", 10" and 15" TFT touchscreen display models. All models feature embedded fanless CPU technology, 256MB DRAM and a full range of standard features such as CompactFlash storage, 2 USB ports, 2 RS-232 and RS-



232/422/485 ports and a 100BaseT Ethernet port.

With 512 MB of Compact Flash storage, XPR models use non-rotating storage media for high system reliability. And like all CTC Powerstations, these units are quality tested to endure more harsh conditions

in a day than most operator stations see in a lifetime. That's why we're able to offer an industry-leading, 2-year limited warranty with free phone-based technical support for all of our products.

XPR PowerStations offer durability and no moving parts, to complement Xpress software in providing a high-value, Distributed HMI solution.

To see Interact Xpress Distributed HMI for yourself,
visit us at parkermotion.com/Xpress
or call us at 1-800-358-9068

