

# Interact Xpress

Distributed HMI



## 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](http://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.



See  
back page for  
New Features in  
Version 2.0

# HMI Applications

## 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



Modem or Wireless  
Connection

INTERNET  
or  
connection

**VERSION  
CONTROL  
ISSUES**

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



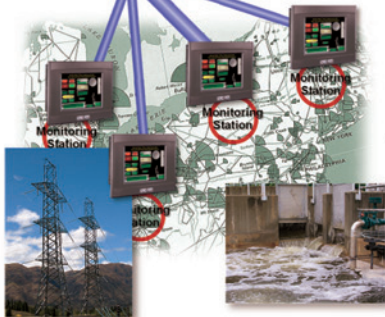
User Levels		Log Out			
Level	Name	SA	UA	EP	
0	Admin	X	X	X	
1	Engineer	X	X	X	Edit...
2	Supervisor	X	X		Edit...
3	Technician	X			Edit...
4	Operator				Edit...
5	Guest				Edit...

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.

**INTERACT** *xpress*™

## **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](http://parkermotion.com/Xpress)  
or call us at 1-800-358-9068

