HPX and EPX PowerStation Family

InteractX HMI PowerStations

HPX InteractX PowerStation Family

HPX InteractX PowerStation Family

Hardened HMI Workstation PCs at Light Duty Prices

With 10", 15", and 17" panel mount touchscreen systems, and a non-display system, the HPX PowerStation line of HMI Workstations is designed and tested to extremes. HPX PowerStations are NEMA-rated, robust units that are tougher than "light duty" industrial workstations with more processor, media, and connectivity performance for your money. CTC’s InteractX Windows HMI software is included, installed and licensed with all HPX PowerStations. This reliable, high-performance HMI platform will serve your machine HMI needs for years to come.

EPX InteractX PowerStation Family

Big HMI Capabilities in a Compact, Affordable package

This CTC-designed and manufactured PowerStation is an Industrial PC with an 8" or 10" TFT display and analog resistive touchscreen. Pre-installed and licensed with award-winning InteractX Windows HMI unlimited-tag runtime software, EPX PowerStations combine the power of the standard Windows XP Pro operating systems with a hardened x86 hardware platform for embedded computing needs.

All PowerStation workstations include a range of standard features such as CompactFlash systems with a hardened x86 hardware platform for embedded computing needs.

InteractX™ 2.5
More HMI design power to dramatically reduce application development time and effort

InteractX™ leads the industry with breakthrough HMI graphics, built-in connectivity and FDA Part 11 compliance tools. With this latest version, InteractX now delivers this HMI power with greater design ease and speed than ever before.

Building on its award-winning feature set, InteractX has added significant productivity enhancements for managing tags, handling recipes and designing panels. Many applications that would have taken countless hours to develop before can now be created in a fraction of the time with these new software features. Now more than ever, InteractX offers the most advanced development interface and graphics of any Windows HMI, with the lowest installed cost and development complexity for machine builders.

New Features in InteractX™ 2.5

• Input List Items for Recipe Management
  - In addition to the Upload List feature added in the previous version, nested Input List items can now be downloaded as a data source. This allows detailed recipes and formulations to be managed and edited more easily.

• Enhanced Tag Management and Editing
  - New Tag Editor Group column provides more efficient searching, managing and editing of tags, particularly saving time when there are a large number of tags in an application
  - New Import Tags feature browses and imports tags from the PLC address space of the OPC Server, eliminating hours of manual inputing and formatting of new tags
  - Application Properties dialog box now incudes Tag Update Rate
  - 3 new Alarm Tags

• More Panel Tool Features
  - New panel tools include
    - New Snap to Grid option controls grid size and display
  - New Panel Tooltips option displays information about panel tools during cursor mouse-over
  - New mouse right click now opens Object Property Windows for more convenient editing
  - New Snap to Grid option controls grid size and display
  - New Show Panel Tooltips option displays information about panel tools during cursor mouse-over
  - New panel tools include Open Program action button, Toggle discrete button, Slider and Analog Clock.

For your FREE Software Evaluation CD, log on to ctcusa.com or call us at 800-233-3329.

All published product specifications are subject to change without notice.

Parker Hannifin Corporation
Electromechanical Automation Division

www.ctcusa.com
A Windows HMI Solution That Eases System Requirements, Complexity And Cost  The No Tag Games HMI!

Although many of today’s Windows HMI software products offer ease of use and integration advantages, they have been anything but easy on machine control applications – adding cost and complexity to develop, commission and maintain. CTC’s InteractX™ is designed to offer the most advanced development interface and graphics of any Windows HMI, with the lowest installed cost and development complexity for machine builders. InteractX includes:

• Over 20 pre-configured Panel Tools for buttons, panel lamps, gages, readouts and more. Two new Panel Tools in version 2.5!
• CAD-like Graphics with unlimited color, roundness, gradients, materials and transparency, free-form animation and image file importing.
• Monitor and acknowledge real-time and historical Alarms with advanced features for user access, filtering, grouping, logging, printing, etc.
• New time-saving development tools such as
  • Use ActiveX to host standard off-the-shelf 3rd-party tools like Media Player, vision tools, trending, etc.
  • Fully integrated Visual Basic for Applications (VBA) with access to tools, graphics, alarms, application properties and tags for easy customization.
  • Enhanced Interface Design Reduces Development Time
    • Use InteractX right out of the box, without special IT skills or assistance.
    • User-friendly interface with Visual Studio design and machine-oriented project management, allows easy application downloading and uploading.
    • Styles and templates allow multiple users to quickly build applications with a consistent “look and feel.”
    • Toolbin allows custom tools or entire screens to be saved for drag and drop reuse into other applications and easily shared between designers.
  • New time-saving development tools such as
    • Input List tool, enhanced Tag Management, Toolbin Import/Export and Navigation Panels added in version 2.5!
  • Enhanced Tag Management
    • Shows all tags with their PLC address and “Where Used”
    • Supports full math capabilities, allowing you to scale tags or build complex expressions
    • Easy drag-and-drop tag import/export to Excel or other packages for wiring or PLC tag management
    • New, time-saving Tag Group and Import Tags features for creating, searching and editing tags
• New Tag Editor Group column provides more efficient searching, managing and editing of tags.

New Features!

Intuitive property editors provide maximum control of objects with minimal effort

Breakthrough graphics allow scalable, “drag & click” creation of over 20 full-function panel tools

Unlimited tag system with labor-saving tag input and drag & drop to office-style software

Multi-Language Support

Machine builders can easily translate any InteractX™ application for international markets—even Asian characters. Using Multi-byte Unicode, all text, alarms, screens, and history/log data can be translated in a single CSV file.

New! Input List Tool for Recipe Management

Nested Input List items can now be downloaded as a data source. This allows detailed recipes and formulations to be managed and edited more easily.

Simplify 21CFR11 Compliance with Easy E-Sigs

Tracking operator input and implementation of Electronic Signatures is now easily configured using tools that eliminate the need for custom programming. Input tracking configuration options include:

1) Require Input Approval – activates tracking of changes made by the operator
2) Verify Input – defines the actions required by an operator to check their input before it is sent to a controlling device.
3) Approve Input – option configures the rules for supervisor approval before a change is made to the system.

Advanced Connectivity Features

• Bundled Communications Drivers:
  • InteractX’s COMMServer includes 60+ bundled communications drivers, including serial and Ethernet drivers for the major PLC brands.
  • OPC Client Interface: Provides connectivity to any 3rd-Party OPC Server, allowing InteractX to communicate with any of the hundreds of OPC Servers.
  • OPC Tag Server: Any InteractX tag can be accessed by OPC Client applications such as SCADA systems, DCS, MIS applications, etc.
• Networking: Share real-time data via Ethernet between InteractX systems, InteractX and Interact, as well as InteractX and SCADA or back office application.

InteractX System Requirements

Development Supported:
• Windows NT/2000/XP Pro

Runtime Systems Supported:
• Windows NT/2000/XP Pro

Microsoft, Windows, Visual Basic and ActiveX logos are registered trademarks of Microsoft Corporation in the United States and/or other countries.