

What's New in Release 2.04



Interact Xpress 2.04 is a new release of Interact Xpress that includes many new features and enhancements. This release includes updates to Interact Xpress Manager and Interact Xpress Runtime. This update is a no charge update for all existing users and it can be downloaded directly from the product page on the Parker Electromechanical Extranet. Version 2.04 provides new functionality and updates in the following product areas:

- Real Time Trending
- User Security Updates
- Internal Database management upgrades
- Storage Upgrades
- Panel Order changes via online hot edit
- Now maintains object properties with Copy / Paste
- And more ...

Real Time Trending

Trend Display – Interact Xpress 2.04 adds a Graphic trend display tool for displaying real time trend data. This tool includes a local buffer for up to 1000 events. The trend display supports up to 50 simultaneous pens on the display and supports either a time based or a data change based trigger. The total number of trend displays implemented in an application is only limited by system resources and each trend display can display up to 1000 events at once. The trend tool offers an incredible variety of appearance configuration, allowing the application of any of Xpress' pre-defined styles and even user customization of the display and pen parameters.



User Security Updates

Return to Last Screen: In the past, a newly logged on runtime user was always sent to the default startup screen. This meant they had to manually navigate back to the screen they were viewing when they logged on. This has been changed in version 2.04. Now, as long as they have the proper access privileges, users are returned to the same screen they were viewing before logging on.

Internal Database Management Upgrades

Interact Xpress utilizes an internal SQL database to manage many internal states. These states determine which objects are displayed on the screen as well as alarm status and history. Parker has discovered and corrected issues in the management of this database that could lead to unexpected runtime and development behavior in two areas: First, if multiple Copy / Paste actions were performed in sequence, it was possible for Xpress Manager to lose or miss some objects. This caused corruption within the Xpress project. Second, as new alarm definitions were added to the database the stored alarm history grew indefinitely. This could eventually lead to resource utilization issues and potentially crash the runtime system. Parker has no field reports of either of these issues occurring, but our internal testing has shown them to be possible and we strongly recommend that all users upgrade to version 2.04 as these issues have been corrected in this version.

Storage Upgrades

Interact Xpress version 2.04 now supports Compact Flash and USB Thumb drives up to a maximum of 4GB. Application transfers and downloads to XPR PowerStations is now supported via USB thumb drive.

Panel Order Changes via Online Hot edit

In releases prior to version 2.04, panel order changes made in an online Hot Edit session required a system reboot before they were committed. As of the 2.04 releases, these changes occur in real time and are effective immediately upon completion.

Object Properties via Copy / Paste

In versions prior to 2.04 a copy / paste sequence did not always capture all of the object properties. (i.e.: Animation properties were not maintained through a copy / past sequence). This behavior has been improved in Version 2.04 and now all object properties are maintained through a copy / paste sequence.