InteractX v1.91 – What's New and Updated

InteractX 1.91 is a service update to the 1.90 release that includes a number of continuous improvements and enhancements. InteractX applications developed or modified with version 1.91 should also be run with v1.91 runtime. Please refer to the *Upgrading to Release 1.9* document for information on how to update your development and runtime systems.

InteractX v1.91.2644 Enhancements and Updates

The following is a list of some changes in this version. Please refer to the README.TXT file found on the InteractX setup CD for a complete list of changes.

Performance Enhancements

Runtime performance enhancements have been made for the following:
- Background data acquisition has been updated to reduce the amount of data being acquired. Data is acquired for active tags, and all inactive tags are removed from the data acquisition until they are needed.
- Runtime has been optimized to update panels faster, require less CPU time, and prevent 100% utilization of the system's available idle time.
- New panel caching options have been added to optimize application performance. The options include "Cache All" panels in the background, cache all panels "Before Start(ing)" the application, cache panels that can be "Navigate(d) To", and "None" to disable all panel caching.

Runtime Tag Operation

- Updated to use less memory.
- Reduced time to initialize indirect tags (tag arrays).
- Updated to properly initialize local tags.
- Updated to display the state of the graphic animation assigned to local tags.
- The state of graphic appearance connections assigned to bitwise scaled tags is properly displayed.
- Data values of tags assigned to Appearance and Position graphic connections support double data precision and are no longer limited to 24-bit precision.

Tag Editor Updates

- User defined tags are now stored in a binary file to speed data access and reduce memory allocation on development and runtime systems.
- Fixed error conditions that could cause the user defined tag file to unnecessarily grow in size.
- The Tag Data Source configuration has been updated to reduce the amount of time required to display the available nodes.

ActiveX Control Support
- The Object Properties Window for an ActiveX control now displays the ActiveX Control name (Program ID).
- Design time ActiveX error condition handling has been updated for:
    - Placing an improperly installed control in a panel will create an ActiveX object with default properties only.
    - Opening panels that use ActiveX controls that are not properly installed or licensed will cause error information to be displayed that includes the name and error condition encountered.
    - ActiveX Objects can be moved and resized on systems that do not have the control installed.
    - String properties of ActiveX controls can now be configured.
- Runtime ActiveX error condition handling has been updated for:
    - Opening panels that use ActiveX controls that are not properly installed or licensed will cause error information to be displayed that includes the name and error condition encountered.
    - VBA associated with a panel that includes an improperly installed or licensed ActiveX control will not execute.

Input List Tool
- Input List Items now support tag scaling for Input references.
- An Input List with 1000 items and configured with the default 5 second timeout will no longer time out while being downloaded to a controller.

Other Fixes and Updates
- The available range, variable assignment, and display of the input limits associated with a Numeric Entry tool has been updated.
- The drawing of Maintained push buttons and the visibility of objects has been updated so they are drawn in their current state after switching panels.
- Fixed Project backups to remove temporary files.
- Fixed User Administration defects for
    - Printing duplicate user information.
    - Design time error exiting Users tag of the User Administration dialog.

COMM Server Updates
This release includes one new and 20 additional driver updates. Some of the highlights include:

MachineLogic For Windows Slot Card
This new driver allows you to communicate with the MachineLogic Slot Card when it is installed in the same or difference PC that is running InteractX.

Allen Bradley ControlLogix Ethernet
- Added support RSLogix5000 V12
- Added Long file support to Micrologix via ENI model

- Fixed RSLogix5000 project download handling to take all tags off scan.

AutomationDirect EBC/ECOM//K Sequence Drivers
- Updated processor support and memory ranges

Mitsubishi A Series Serial/Ethernet Drivers
- Added string support for R registers.

Modbus Serial/Plus/Ethernet Drivers
- Added support for concept "TIME" and "BYTE" types.
- Serial only: Added Write Only option for all tag addressing.

Siemens S7 MPI
- Added Ethernet Encapsulation
- Expanded Device ID range to 1-126.

Simulator Driver
- Added item persistence option for K, R, and S to store values to disk.

UCON (User Configurable) Driver
- Added support for Ethernet encapsulation of unsolicited messages.
- Added data format and command options.
- Fixed Winsock error.
- Fixed processing delimited list data.

CTC Support Forum/Contact Information

The CTC Support Forum provides a wide variety of information on CTC Products. Answers to many of your questions, application examples, updated drivers/software as well as user information are all provided free of charge.

Thank you for using InteractX and choosing CTC as your preferred HMI vendor. CTC is committed to providing you with the best HMI solution on the market and working with you on resolving any issues.

If you have any questions about this information, please visit our CTC Support Forum at www.ctcusa.com/support, contact us by email at support@ctcusa.com, or telephone at 513-831-2340.