Known issues for iX Developer 2.40 SP6

Build 2.46.49

All data are subject to be changed without notice.

Known Issues and workarounds
There is an intermittent Windows handles leak in runtime when running on a PC or an iX TxC panel if running with a COM error and the driver is using a serial interface.
Problem when updating index registers if indexes are reused for many different screens if using Siemens S7 ISO over TCP/IP driver. Issue is noticed with the Bad Reply error. Workaround: Update indexes on the Screen Close event instead of when opening the new screen.
Database files (x.db) manually added to Project Files are not transferred to the panel in when downloading.
There is no gap in trend curves for tags connected to datalogger if tags are of type "GlobalDataItem"; and there is comm. error. It seems that when Tag is of type GlobalDataItem, there will not be a gap in the trend curve with tag connected to datalogger when there is a communication error.
Switching to a language in runtime with setting "Use in Runtime" unchecked crashes application.
Performance issue in Trend Viewer when using Black style and many Minor/Major ticks.
For OPC UA import a "_" is not added to imported OPC UA leaf node's tag name if node has underlying properties.
Server application crashes during startup if project is created or "saved as" on external drive like USB SSD (PC RT/CE Sim.) Workaround: If iX Developer needs to be run from a FAT32 file base location (such as a USB drive), it is important to avoid building the project in that location. If all changes are made from an NTFS file system, and the project is built in that location, the whole folder can later be moved, and RT should be able to run even from a FAT32 file base location.
iX Developer can crash when creating new project if clicking "Finish" in project wizard before project path setting and if path is unavailable.
Media player unsupported files VMW format causes crashes. Adding a movie of the WMV (Movie format) with a new codec like version 8 can cause first lagging and then a crash.
Intermittent double click behavior with single click if several OPC UA clients are connected to the same server and tag. Reproduceable with the following criteria:- Setup a OPC UA server that contains at least one int tag.- Setup a OPC UA client project which is a panel project, which simply sets the tag provided by the server to 0 on the value changed event. Setup another OPC UA client project which is a PC project, which also reads the tag from the server whilst also being able to change the value. In this client also change the poll group that the tag is using to be at 1000 or higher.
PDF Viewer Bookmark not working on some panels (X2 pro, X2 Control, X2 extreme)

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Project startup time is longer for Projects using over 10k+ tags compared to released iX Developer 2.40 SP4.
OPC UA - C++ pure virtual function call that crashes the iX application when running certain OPC UA Server test in OPC UA compliance test tool: After a while when running some specific projects with both OPC UA server and client a window below will appear in the panel and the iX project will restart. This has only occurred when running against specific OPC UA test tools and on some projects.
Information Designer to iX Developer conversion: Dynamic Alarm Text - Duplicate tags created when an ASCII field with default Positions is used
Backup of databases to internal flash memory will not work if using SD card as database location. The database will be placed on the SD card as that is considered as the "internal flash memory" for all things database related.
PDF viewer cannot correctly display pictures with transparency.
Change active controller doesn't work for Modbus Slave controller
Using a tag with bool datatype with value==false in predefined runtime recipes will lead to error in LogResultsDialog.
Alarm Viewer and Audit Trail Viewer: User configured column headings not translated: The user can configure the column headings for the Alarm Viewer and the Audit Trail Viewer. However, if they change a heading to a word that is not in the "System Text" list, then the column heading will not be translated, because the system has no translation for it. This affects both CE and PC. The current workaround is to change the heading through the Multiple Languages view instead of changing the column header via the Configure Columns button, but this is unwieldy if they don't actually need multiple languages and it is overwritten if they also configure a column header through the Configure Columns button.
Special language keyboards won't close using ESC or Enter when editing System Dialogs
Crash when adjusting properties of Linear Meter and/or Slider to very high values in iX Developer
Intermittent issue where -1 is presented in system tags for Flash lifetime. Panel diagnostic shows the correct values. Workaround: Close and then restart the application then the correct value is presented again.
Momentary bits using Mouse Down and Mouse Up on same button might get stuck when Security Logout or using Enabled dynamics
Trend Viewer shows incorrect value when changing Time Span.
New value based on expression connected to certain iX controls will be written to controller when PC project starts if connected tag is Always Active and Memory management in advanced settings is set to "Workstation". Not reproducable on panels. This applies to the following objects: Windows Controls - Combobox Windows Controls - Listbox iX - Combobox iX – Rollerpanel. Workaround: Memory management in advanced settings is set to "Server".

Known Issues and workarounds
Assign network settings for many ports when exporting project does not work. IP settings are not applied when transferring the project to the panel.
X2 base V2 panels do not have buzzer - key beep should be disabled in iX Developer for those panels.
Not possible to browse for tags using username/password if other security settings are enabled in the OPC UA server.
Very large projects can take a long time to start and cause "Failed to start application" error after project transfer. Project starts but customer unaware due to error.
Due to IEEE 754 Float representation used in some places in iX it is possible that comparing two identical values with several decimals fail.
TargetControlService that is handling Project download and Project start at reboot can only be launched under Local System account
Decimal delimiter is a semicolon when the application launched under Local System unless that is changed.
Beckhoff ADS Symbolic driver is not updated on Runtime and causes the application to crash: Workaround: The driver files used in iX Developer need to be manually copied from "C:\Program Files (x86)\Common Files\Beijers Shared\OPC Drivers" to corresponding driver installation folder for iX Runtime.
Non-internal tag can get stuck when using script to assign a value and quickly clicking a button with momentary action.
Changing report format is not noticed by iX if that is the only change.
Error 'Globals' does not contain a definition for 'MultipleLanguages' is displayed when building iX project in Visual Studio in debug.
ThreadAbortException when connecting with VNC early in the project startup phase for X2 base panels when using VNC setting Show Notification.
Run/Simulate HMI target on PC (W8/W10) with DPI scaling to 150% result in Screen not shown completely
iX Runtime - OnScreenKeyboardPC stop working intermittently. It's possible to press the keys in the virtual keyboard but no data is inserted in the selected control. It's no problem to close the keyboard and then open it again, but the problem is the same. Workaround: Restart the iX application or terminate the OnScreenKeyboardPC from the Task Manager or by scripting.
Application crashes when run/simulated if project path contains # -character(s): Example file path: C:\#Test iX folder#\Project34\Temp\Output. This results in the following exception: System.ApplicationException: Could not create a project object 'CloudConfiguration'!
Database export takes a very long time if the database is big (500MB+)

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Sometimes trying to sort or filter Text connected to Text ID:s in Multiple Languages, iX Developer can throw an exception or crash.
Chinese characters are sometimes not correctly displayed in objects like Alarm Viewer and in some dialogs. Workaround: Change the Default Virtual Keyboard to Simplified Chinese in Project -> Settings -> Virtual Keyboard.
Information Designer to iX Developer conversion: Event in Dynamics is not converted when it's used for Inputs Analog.
Information Designer to iX Developer conversion: Current Display Register and New Display Register are converted but not connected to tags/addresses.
Information Designer to iX Developer conversion: No warnings/errors regarding discarded system signals/commands
Default texts in Multiple Languages are not possible to unselect during import so texts changed in default language between export and import will be overwritten.
Not all data from data logger is exported to csv-file. No values added to the cached will be included. The values cached are written to the database several times per minute.
Behavior changed when checking equality and inequality of the Value property of tags with the data type BOOL in specific cases where dynamics are used with the same tag in the same screen. Workaround: Instead of using Tag.Value for equality and inequality use Tag.Value.Bool or check equality and inequality against 1 or 0 instead of True/False.
Information Designer to iX Developer conversion: Touch key object with Inputs Analog event connected with Dynamics Minimum/Maximum value is not converted.
Recipe runtime data export sometimes does not handle Boolean correctly. True/False is replaced by 1/0.
Information Designer to iX Developer conversion: Wrong tag is connected to Trend object when using scaling
Profibus driver option is available for some for non-supported targets.
If trying to download to panel by manually entering IP-address, while network is disabled, iX will crash.
If PC Runtime is minimized and a modal popup is triggered then once the application is maximized then the popup will not be shown, resulting in a locked state. Workaround: Do not trigger automatic modal popups while application is minimized. Steps how to close the popup can be found here: https://answers.microsoft.com/en-us/windows/forum/all/open-windows-not-maximizing-on-desktop/f45a0692-fab6-476b-b68b-1ea865b65af1
When creating new unique name during Recipe import for runtime recipe titles, spaces are replaced with underscore.
Alarm server setting "Max number of alarm event to distribute" not properly synced in client.

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Clicking 'Close' button multiple times rapidly after canceling a confirmation dialog in the Transfer Client can crash the Transfer Client.
Adjusting daylight savings setting does not synchronize system tag and clock object when project is downloaded. Workaround: If you change the setting in the panel then both objects will synchronize. Changing to another time zone and back again in the panel solves the issue.
Some combinations of buttons configured for the Tag Monitor in iX Developer do not show the same in Runtime, they are not visible. Workaround: Use script and set the visibility of the buttons on the screen opened event.
Editing already saved Size Dynamics when used on grouped lines sometimes caused an unhandled exception when designing the Project.
Information Designer to iX Developer conversion: Touch key object with Inputs Analog event is not converted correctly if scaling is used.
Exception caused when opening password protected popup screen if user not logged in. Workarounds: - Add a separate Login button (and disable the Show Login dialog on access denied) - Add security to the button that should open the Popup (instead of the popup itself).
Touch Combo Box is always on top of other Controls.
ValueChange event on AnalogNumeric is firing even though the screen is not active if cached.ValueChange event on AnalogNumeric is firing even though the screen is not active and in the customer iX application this results in another value is copied to tag. This only happens on PC/TxC applications and if the screen is cached. Workaround: Use the ValueChange event on the tag directly, since normally the Analog Numeric is connected to a tag. The caching of screen could also be disabled to get around this.
Multiple languages projects do not install the special languages keyboards when copied from memory card.
Windows clipboard sharing conflict can cause crash if using third party Tools. When using file comparing tools like Beyond Compare or WinMerg, selecting and performing copy (CTRL + C) on a text-object text, causes iX to crash.
When using full graphic acceleration on Windows 7/10 sometimes popup-screens can be only partially drawn. Workaround: The problem has to do with accelerated graphics, if you disable window animations, the problem disappears.
Headers and footers do not work when printing reports
CTRL+Z or Undo can sometimes skip the expected undo action.