

## Known issues for iX Developer 2.40 SP2

### Build 2.42.138

All data are subject to be changed without notice.

Known Issues	Description and comments
<p>OPC UA Clients are not able to reconnect after a project transfer to an HMI acting as OPC UA server if username and password is used.</p> <p>Every reconnect attempt from the OPC UA client will create a session in the OPC UA server and after 20 attempts the server will return the TooManySessions exception.</p>	<p>The work arounds are to power cycle the HMI acting as OPC UA server after download or change to login anonymously. In some cases, a power cycle of OPC UA Clients may be needed.</p>
<p>A configured tag action with condition equal to "Always" and a connected close screen action will cause iX to crash on boot.</p>	
<p>Restore Database</p> <p>PC project running in an environment where iX Developer is installed will crash on boot after database restore, if alarm server is configured to be remote.</p> <p>Recipes created in runtime can't be restored if the runtime data has been modified in iX Developer after the backup in runtime was made.</p> <p>Internal database backup file will have the file extension "-bak" which is different compared to backup files on other backup destinations.</p>	
<p>OPC UA Server</p> <p>Writing a value to a read only tag three times in a row from an OPC UA client will cause the system to freeze and iX to crash.</p>	
<p>The Pre/Post transfer commands for PC projects (in the project settings) are disabled in the application until it is implemented in the new Transfer Client.</p>	
<p>More than one shown <b>Media Player</b> in Windows Embedded Compact 2013-based panels (X2 pro, X2 marine, X2 motion, X2</p>	

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control, X2 extreme) will cause the system to freeze and iX to crash.	
<p><b>Web browser</b> in Windows Embedded Compact 2013 based panels (X2 pro, X2 marine, X2 motion, X2 control, X2 extreme) have limited web browser functionalities.</p>	<p>Description of limitations:</p> <ul style="list-style-type: none"> <li>- Not displayed keyboard function in Web browser</li> <li>- No scrollbar</li> <li>- Reading Tag Values from your own Web server</li> </ul>
<p>When <b>importing third-party assemblies</b> for use on a Windows Embedded Compact 2013 (X2 pro, X2 marine, X2 motion, X2 control, X2 extreme) panel, it is important that the supplier supports running the code on WEC2013 and that the assembly targets compact framework 3.5.</p>	
<p><b>Pdf viewer</b> in Windows Embedded Compact 2013 based panels (X2 pro, X2 marine, X2 motion, X2 control, X2 extreme) have limited PDF viewer functionalities.</p>	<p>AES encrypted files not supported.</p> <p>Description of limitations:</p> <ul style="list-style-type: none"> <li>- No table of content</li> <li>- Heading and Table text viewing limitations</li> <li>- Scrollbar limitations</li> </ul>
<p><b>Web browser</b> in Windows Embedded Compact 2013 based panels (X2 pro, X2 marine, X2 motion, X2 control, X2 extreme) uses gesture-based scrolling.</p>	<p>The page is scrolled using finger swipe instead of scrollbar.</p>
<p>When <b>installing</b> iX on Windows 7, user must be Administrator.</p>	
<p>As from iX 2.20 <b>Windows XP</b> will no longer be supported due to Microsoft terminating their support.</p>	
<p><b>When installing drivers from Internet in Win7 Professional</b> the latest Windows service pack need to be installed first.</p>	
<p>For versions before 2.30 it is <b>not</b> supported to <b>use two different versions of iX Developer</b>, with the same main version number, at the same time e.g. 2.10 and 2.20.</p>	<p>From 2.30 it is possible to have different versions installed side by side.</p>

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<p><b>iX Developer utilizes modern frameworks</b> that by default utilizes the hardware acceleration features of your graphics card. This may stress some old graphics card/drivers to the point where they crash. This is something Beijer Electronics can do nothing about.</p>	<p>It is recommended to run the latest stable version of all software components on your system. Do this by running Microsoft Update regularly. Some graphics drivers, however, are not distributed using this mechanism. That is why it's a good idea to browse your graphics card/chipset manufactures web site in order to acquire driver updates.</p> <p>If problems occur, try update your system or as a last resort try to offload the graphics system, by disabling hardware acceleration altogether by configuring the graphics driver info or by disabling WPF acceleration by using adding/modifying the registry key DWORD value.</p> <p>[HKEY_CURRENT_USER\SOFTWARE\Microsoft\Avalon.Graphics\DisableHWAcceleration]</p> <p>to assume the value 1.</p>
<p>There is a <b>Windows handles leak in runtime</b> when running on a PC or an iX TxC panel if running with a COM error and the driver is using a serial interface.</p>	<p>After a couple of days with continuous COM error, the PC / iX TxC will start to act slowly. Restarting the PC / iX TxC resets the error.</p>
<p>Project debugging with .NET framework 4.6</p> <p>If you have the .NET 4.6 framework installed and you try to debug an iX project, you will have to change the target framework of the converted (upgraded) project to an appropriate version.</p>	
<p>Scripting with .NET framework 4.6</p> <p>TxC project is not working if Developer computer only contains .NET Framework 4.6</p>	<p>If you have the .NET 4.6 framework installed on your developer machine, you should consider installing the Microsoft Windows SDK (<a href="http://www.microsoft.com/en-us/download/details.aspx?id=8279">http://www.microsoft.com/en-us/download/details.aspx?id=8279</a>).</p> <p>Since the .NET 4.6 acts as an in place install (replaces 4.0), but is not 100% compatible with .NET 4.0, you could experience unexpected issues without the above mentioned SDK.</p>
<p>Scripting for panels</p> <p>Using a method that doesn't exist in Compact framework doesn't create any validation error. Instead the project is built and works fine in simulation mode but may cause unexpected problems in runtime on panel.</p>	

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<p><b>The Acrobat Reader component</b> will generate a memory leak when the screen on panel is closed.</p>	
<p>Tag/Controller handling</p> <p>The tag import result dialog always states "All items were successfully imported" even if all tags were not imported.</p> <p>If external editor, e.g. Visual Studio, is used for editing any script, the cross-reference will not be updated when building the project in iX. Remove unused tags will report any tags used in these scripts as unused.</p>	<p>The number of tags that were actually imported is shown in the dialog.</p> <p>Changed script files must be opened and edited (just any small change) in iX afterwards, before build.</p>
<p>Cross Reference</p> <p>Not working on Script Actions, i.e. when an action refers to a script module-method that changes name.</p>	<p>The user will get a build error, without many details.</p>
<p>Expressions</p> <p>Expressions in component Library objects are not added to the project.</p> <p>Expressions cannot be replaced when Loading/Saving library expressions.</p>	<p>There is no option to replace the expression, only to create a new one.</p>
<p><b>Dynamic binding</b> is not fully removed from object after disabling Text ID. Rebuild does not remove binding.</p>	
<p><b>Multiline support</b> for configure texts dialog is removed when Text ID is enabled.</p>	
<p>Trend Legend in <b>Trend Viewer</b> does not update in Runtime if TimeOffset is changed.</p>	<p>You need to change trend cursor position or move trend legend to update trend legend curve values.</p>
<p>Import/conversion of project</p> <p>General dynamics does not convert correctly when converting project/importing screens.</p>	<p>Objects that are not converted correctly have to be edited manually.</p>

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<p>Importing a screen with a background screen results in transparent or No fill instead of white fill color.</p>	
<p>Graphic objects</p> <p>When sizing some objects, e.g. the slider object, small, there may be some graphic drawing errors.</p> <p>After adding a third party control button in a PC project, the button may become grey and not possible to insert into an operator panel project.</p> <p>When using multiple selection on a large amount of objects (&gt; 144), some objects may appear not to be selected.</p> <p>Texts with italic font style are cut on operator panel targets.</p>	<p>The compact styles introduced in iX Developer 1.30 is preferably used in smaller panels.</p> <p>All objects are selected even though graphical selection is missing.</p> <p>Uncheck autosize and make the text object large enough.</p>
<p>Component Library</p> <p>Complex xaml symbols may take a lot of time to import and affect both iX Developer performance as well as Runtime performance while working with these kinds of objects.</p>	
<p>Multiple languages</p> <p>Asian keyboard layouts do not work in PC/EPC projects.</p> <p>Chinese characters used for User Name and Password do not work for FTP function.</p> <p>Exported translation texts.</p> <p>Microsoft has changed the text that describes languages in the newer versions of Windows.</p> <p>For example, "Chinese (Simplified, PRC)" is changed to "Chinese (Simplified, China)". Due to this change, a build error will be generated.</p> <p>The IP settings dialog is not translated to other languages.</p>	<p>Follow the instructions in the build error.</p>
<p>Scheduler</p>	

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<p>If the duration is too short (1s), the scheduled action may miss.</p>	<p>The action is set in the duration time frame. When using short durations, a mismatch may occur.</p> <p>Set the duration longer, e.g. increase from 1 to 10 seconds.</p>
<p>Daylight saving in runtime</p>	<p>After changing daylight saving settings in iX Developer, the operator panel needs to reboot for the changes to take effect.</p>
<p>Navigation Manager</p>	<p>Actual links between screens are not removed from the screens when deleting them in the Navigation Manager.</p>
<p>Web Browser runtime</p>	<p>Right click menu: "Open in New Window", "Print target" and "Save target as" has no function.</p> <p>Popup screens will not open. Clicking on a link which should open a popup screen does not work.</p>
<p>Notifier window in runtime</p>	<p>The notifier window will be displayed on top of dialogs and it's not possible to move when a dialog is open.</p>
<p>Alarm Distributor</p> <p>Alarm Distributor related actions do not work if the actions are created before the Alarm Distributor itself.</p>	
<p>Alarms</p> <p>Alarms set to inactive will not be retriggered when a communication error occurs, if alarm condition "RisingEdge/FallingEdge" is used.</p>	<p>Use alarm condition "EqualTo".</p>
<p>Transfer a project via USB to panels</p>	<p>No validation of panel type is made when transferring.</p>
<p>Security</p> <p>A screen with a background screen that contains security settings will not show any objects in runtime.</p>	<p>Make security settings for each screen, not for the background screen.</p>
<p><b>OPC tags</b> can be out of sync, will result in no more read or write for that tag</p> <p>Adding two OPC DA tags with same name</p>	<p>If many panels acting as OPC clients are writing to the same OPC tag at the same time, the tag may become out of sync; which results in that an incorrect value is displayed and reading/writing will not be possible anymore. Other tags in the same controller will still be able to read/write. Restarting the iX Developer application/panel solves the problem.</p>

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<p>When importing OPC DA tags with same name (differs in casing) a message will be displayed saying there's a conflict but none of the tags will be imported.</p>	
<p>OPC UA</p> <p>Using an OPC UA Client in an unstable network may affect performance.</p> <p>When using OPC UA client together with any communication driver (except demo driver) there is a minor memory leak if there is a long-term communication error on the OPC UA client.</p> <p>Data type Bit is not supported when using OPC UA.</p>	<p>It is not imported and if manually added, all communication fails.</p>
<p>UI freezes when OPC server is disconnected</p> <p>The panel's UI might freeze for a while when a connected OPC server is shutdown. The time of the freeze is related to the number of tags connected to the OPC server. In worst case the UI might freeze for more than 10 minutes, which will lead to that the application is restarted.</p>	
<p>Drivers</p> <p>When transferring a PC project to a PC, driver does not get updated on the Runtime PC system if using a newer driver version than installed on the Runtime PC.</p>	<p>A workaround is to copy the new version of the driver to the driver installation directory on the runtime PC.</p>
<p>Virtual keyboards in combination with SoftControl and SoftMotion</p>	<p>The response time may be long when pressing a key on any of the Arabic, Hebrew, Korean or Traditional Chinese virtual keyboards if used in combination with SoftControl and SoftMotion.</p> <p>It is not recommended to use these virtual keyboards together with SoftControl or SoftMotion.</p>