# Version 1.5.1 (23/8/2023)

### New features:

Improved security for license.

Added software version to license request file for better support.

Added notification window that will appear when license is expired.

Improved communication with License Server. If protocol error occurs or an unknown header is received, the Builder will send a notification to the license server. The license server will then close the connection. If license server sends that an error has occurred or unknown header is received, the Builder will be notified and will close the connection. A popup or error will also be shown.

Added compatibility information of iSee Ui License server version to about screen.

### Bug fixes:

## Version 1.5.0 (11/7/2023)

### New features:

Added possibility to specify property "enabled".

Added startup screen mentioning the version of the builder that is being started.

Added new item: Checkbox 🛛 🗹 Text

Added new item: Slider

Added undo/redo for iSee Ui Expressions.

Added undo/redo for variable changes.

Added undo/redo for all item property changes.

Added mouse drag action cancel by pressing "esc" key.

Added functionality to make text of items (like buttons, radio buttons, ...) variable by use of iSee Ui expression.

Added hover component to items to make it more visual which item would be selected if the mouse is pressed.

Added content type (fixed, variable) to List item, as well as possibility to specify expressions for which item in the list is selected, or which index.

Changed option to store data of List. This is now only possible if the content type is fixed.

Added possibility to store Dropdown menu content, just like with List, but only if content type is fixed.

Added possibility to edit the fixed content list for both dropdown and list items. Items in the list can now be renamed as well as change its position in the list. These edit action can now also be undone and redone.

Dropdown menu shows the fixed content just as a List. If content is variable, the content is cleared and shows "content of <source>".

Added possibility to open the dropdown menu to view the fixed content. If content is variable, menu cannot be opened.

Improved file changed status. The status will be changed if there is a change different from the saved file. Thus, undo an new change will remove the file changed status.

Improved copy and paste of components. Copies are now placed a bit to the right and bellow the originals. The originals are also deselected and the new items are automatically selected.

Added clear selection when the background is selected in the result panel. This is any white space, that is not an object, and the PolyScope top and bottom black bars.

Added possibility to select all objects by pressing <ctrl> + <a>. This only works if the result panel is focused (so no other GUI component in any of the other panels). To make sure the result panel is focused, you can press the background or press an object on the result panel.

Added license auto reconnect when connection with license server is lost. When connection is lost, the Builder software will try to reconnect after 5 seconds. If connection fails, a popup will be shown mentioning connection lost.

Added connection timeout of 1 second when connecting to license server.

Added connection failed description in case no connection could be established with license server.

When connecting to the license server, and the user has not been granted access yet, the license window will now detail this instead of showing the message "License server has no license available!". (this only works when using License Server v1.1.0 or higher!)

Added notification window detailing if an indirect change occurred. In this window, more detail about the change can be found as well as a fast means to go to the item property. An example of a change is for instance a configure iSee Ui expression that is not valid with a new variable type. In this case, the expression is automatically cleared and a notification is added.

#### Bug fixes:

Solved bug where loading or creating new iSee Ui would not close expression window. The result was that the iSee Ui expression window was not updated with the new file (new variables).

Solved bug where it was no longer possible to change the parent property in the property window.

Solved bug where file changed status was triggered when the same property value was chosen for the properties: visibility, location, size, background color, foreground color and border.

Solved bug where pressing an item would clear the redo queue.

Solved bug where arrow key press had effect on item location while item was being moved by mouse, or while item was dragged from library.

Solved bug where backward compatibility was broken.

Solved bug where, when multiple items in the structure panel where placed in a parent (panel) at the same time, there were separate undo/redo actions for each item.

Solved bug where software would not create a "file changed" status when items were copied and pasted.

Solved bug where in some cases arrow key press did not move a selected component, but changed selection in structure tree.

Solved bug where multi selecting components using ctrl would result in deselecting the components when the mouse was pressed and moved on a component.

Solved bug where using the selection are on a dropdown or list item could throw an error.

Solved bugs when choosing image for a Label. When an image with the same name is selected, as an already loaded image, a popup appears asking for a rename. When cancel was pressed, an error was thrown. When continue was pressed, and the same name was selected as an already loaded image, an error was thrown.

Solved bug where progress (loading) panel was not closed if the .isui file is corrupt.

Solved thrown error of connecting to license server when laptop does not have network connection.

Solved bug when a file is loaded containing a dropdown item with variable content, but with no source specified. In this case, an error was thrown.

Solved bug where a List item still showed the fixed content if the content type was changed to "variable". The list will now display only 1 element detailing the source for the variable content.