

Main Features

- Completely redesigned widget list in WebIQ Designer for better UX including a search function
- Keyboard shortcuts and new menu structure in WebIQ Designer
- Layout Manager: all item fields in the Configuration Cockpit now feature a suggest/autocomplete list for easier input
- Layout Manager: redesigned CSS modifier dialog, IQ styles can now be copied and pasted on other widgets and converted into CSS code and a lot more - see below for details

WebIQ Visuals

- WEBIQ-3912 Fix: In table widgets like Alarm List, User List etc. the search could not be unset on touch devices using the 'x'
- WEBIQ-3877 Fix: IQ Trend: when switching items of a trend labels were now shown anymore on trend handles, but the item names
- WEBIQ-3865 Fix: IQ Trend Time: fixed a possible error in rare circumstances
- WEBIQ-3848 Fix: Fixed a seldom error on filtering in managers
- WEBIQ-3917 Overlay Keyboard: is now used also in search fields like contained in list widgets
- WEBIQ-3913 Overlay Keyboard: on touch devices now only shown on touch event in the corresponding field, not when field has been focused automatically
- WEBIQ-3852 Added automatic mapping of slightly different user locales for LDAP
- WEBIQ-3538 IQ Trend: the Y scale width is now adjusted automatically to the value widths to prevent scale values from running into each other
- WEBIQ-1350 Added new function `shmi.listenOnce(...)` for easier one-shot listeners

WebIQ Designer

- WEBIQ-3951 Fix: In certain circumstances text flickering could occur in some parts of WebIQ Designer.
- WEBIQ-3921 Fix: In certain rare circumstances with complex HMIs WebIQ Designer became unusable after changing an item name in a composite widget
- WEBIQ-3908 Fix: Code Manager: when creating a stylesheet with a name of an already existing file which correctly failed and then changing the name the newly created CSS contained the wrong content
- WEBIQ-3860 Fix: Layout Manager: when importing widget templates in certain circumstances invalid JSON was generated which did not allow to load the HMI later.
- WEBIQ-3855 Fix: When copy/pasting values inside certain manager search fields an Input-Field range error was shown
- WEBIQ-3815 Fix: Panel widgets: when creating new views the automatically generated view name is now logical
- WEBIQ-3945 Layout Manager: the widget list can now be opened with a keyboard shortcut
- WEBIQ-3901 Layout Manager: Completely new widget panel for better usability including search
- WEBIQ-3900 Layout Manager: copy/paste/cut/delete buttons are now disabled when no widget has been selected
- WEBIQ-3891 Layout Manager: the class name and CSS Modifiers dialog has been improved
- WEBIQ-3887 Layout Manager: When dragging elements in her hierarchy the mouse pointer was not correct (copy instead of move)
- WEBIQ-3883 Layout Manager: the header has been updated with new icons
- WEBIQ-3881 Layout Manager: the widget list has been completely renewed for easier access
- WEBIQ-3870 Layout Manager: IQ Styling: a new button has been added to reset IQ styles for a single or all selectors of a selected widget
- WEBIQ-3864 Layout Manager: auto-complete functionality has been added for UI Action selection

- WEBIQ-3830 Layout Manager: when forcing a reload of the HMI through the corresponding button more options have been added
- WEBIQ-3817 Layout Manager: widget IQ styles can now be copied to other widgets
- WEBIQ-3769 Layout Manager: now multiple widgets can be selected at once in the hierarchy and moved, copied, deleted
- WEBIQ-3768 Layout Manager: consistent and better fonts are now used in the config and style cockpits
- WEBIQ-3767 Layout Manager: UI Actions are now sorted alphabetically and feature an autocomplete for easier access
- WEBIQ-3766 Layout Manager: CSS Modifier Dialog: can now only be closed after adding a selected class to prevent confusion
- WEBIQ-3765 Layout Manager: added a new button for entering panel widgets and composites for better understanding
- WEBIQ-3757 Layout Manager: new buttons for conditional visibility and locking
- WEBIQ-3874 Layout Manager: all config patterns for items now include autocomplete functionality
- WEBIQ-3711 Layout Manager: Composite: when entering a Composite widget the config patterns will now be highlighted that will be overwritten by defined Snippets in the Composite configuration
- WEBIQ-3686 Layout Manager: Composite: widget configuration now allows for selecting existing structures from Process Data Manager
- WEBIQ-3869 Alarm Manager: on duplication when items are missing the message now tells the user which items do not exist
- WEBIQ-3861 Alarm Manager: when duplicating alarms shifted bitmasks now support up to 52 bit values - more is not possible due to web technology limitations
- WEBIQ-3831 Alarm Manager: the 'Duplicate Alarms' dialog has been optimized for UX
- WEBIQ-3034 Alarm Manager: added direct editing of alarm texts including all available localizations
- WEBIQ-3758 Code Manager: custom CSS classes inside CSS files are now detected and selectable inside the CSS Modifiers dialog
- WEBIQ-3872 Recorder Manager: after creating a recorder it will now be selected automatically so you can add items immediately
- WEBIQ-3940 Changed the sort order of entries in Localization Manager and Code Manager to natural sort order.
- WEBIQ-3906 Remote Runtime Manager: local management of remote servers has been replaced by opening the corresponding Runtime Manager in the default browser
- WEBIQ-3882 All managers are now available inside a single menu and can also be opened through keyboard shortcuts
- WEBIQ-3879 UI Action: Trend Export - added a tooltip for better understanding
- WEBIQ-3857 In all Designer dialogs the order of OK/Cancel buttons is now consistent
- WEBIQ-3808 Localization entry elements can now be edited for all available languages at once right from the widget configuration
- WEBIQ-3784 Project List: the UX for the search field has been improved

WebIQ Server

- WEBIQ-3943 Fix: Fixed an issue with the License Agent on Raspberry Pi (and maybe other ARM systems) that prevented it from starting in the first place - affected only 32 Bit OS.
- WEBIQ-3932 Fix: Certain TLS messages were logged as error when using HTTPS
- WEBIQ-3919 Fix: Fixed an issue where an intermittent short loss of the internet connection when using floating licenses caused WebIQ Designer to lose the license temporarily
- WEBIQ-3915 Fix: Fixed some log message texts
- WEBIQ-3914 Fix: License Agent: when activating a license on a system with a completely full disk the license was lost

- WEBIQ-3867 Fix: It was possible to add revoked/expired Designer licenses which led to confusion but of course these were not usable
- WEBIQ-3859 Fix: Recorder Manager: when creating a specific recorder with certain settings an error was shown and the recorder was not created
- WEBIQ-3849 Fix: Fixed an issue where item names in all dialogs in WebIQ Designer were case-sensitive - the bug had been introduced in 2.14
- WEBIQ-3949 Added support for Beijer-specific licenses
- WEBIQ-3873 Added support for new ctrlX licenses
- WEBIQ-3832 Runtime Manager: Added a note that the user is responsible for saving and backing up license files
- WEBIQ-3800 Security Update: the integrated OpenSSL library used has been updated from 1.1.1 to 3.0. We urge you to update to this version of WebIQ before September 11, 2023: <https://www.openssl.org/blog/blog/2023/06/15/1.1.1-EOL-Reminder/>
- WEBIQ-3725 Support for Windows Active Directory authentication for HMIs has been added