

# Release Notes PROCON-WEB 6.9.0 EN

## Important Information:

As announced, the Allen-Bradley communication driver can only be used with the new WIBU licence after installing 6.9.0. Customers using the driver must contact [sales@gti.de](mailto:sales@gti.de) to purchase a WIBU licence **before** updating.

Without the new licence for the communication driver, the **runtime will not start** when the driver is used.

## Approved operating systems:

- Windows 10 Pro (V22H2)
- Windows 10 Enterprise (V22H2)
- Windows 10 IoT Enterprise (LTSC 2019 & LTSC2021)
- Windows 11 Pro (V24H2)
- Windows 11 IoT Enterprise (LTSC 2024)
- Windows Server 2019
- Windows Server 2022

## Approved Browsers:

- Google Chrome (Version >88)
- Microsoft Edge Chromium (Version >88)
- Mozilla Firefox (Version >80)
- Apple Safari (Version >17)

## Features

ID	Description
56520	New system management accessible under port 16701 of the runtime. The following functions are available, among others: Managing projects, displaying the system status, setting the log level at runtime, licensing and license information. The previous system server console will be retained until further notice.
83877	In addition to the previous licensing options, PROCON-WEB SCADA and PROCON-WEB Designer now support WIBU licenses. Licensing takes place via ticket codes and no longer via a USB license dongle by default. Old License are still valid.
96543	New tag property 'Subtype' for the use case of PROCON-WEB as a data collector for ResMa. If I set the subtype to 1, the corresponding tag is recognized by ResMa directly as a counter and does not have to be configured separately

89774	There is now the option of merging identical or very similar image classes with just one instance into a class with several instances. This leads to considerably less engineering effort, especially in projects that have been upconverted from PWIN.
59492	Support for authentication using the OAuth2 standard, e.g. for SSO procedures using JWT tokens in a production-related environment.
79689	New special function 207 for login via JWT token
98190	The wizard control has been revised and is now offered again directly in the Designer for project configuration
101774	The user management system dialogues can now be configured in the Style Guide
102355	Adaptation of some naming rules in the Designer, as they could cause problems with the Webruntime.
88418	Improved handling of passwords in the Designer, e.g. passwords for connecting to controllers
92132	The old server script editor has been replaced by the new editor, which already enabled client scripting, among other things
92131	Improvements in the rendering of static symbols, which has now also been expanded to include the option of using SVGs
92941	PictureAreas and containers can now be resized at runtime using process variables and thus be better adapted to changing screen sizes.
93016	Tooltips can now be configured more, including the time delay until they are displayed. In addition, you can now set whether the tooltips disappear automatically after a defined time
93017	It is now possible to execute screenshots more efficiently via a browser API.
94404	Symbols can now be defined as 'click-through' so that touch events can reach the controls below them.
90920	Scripts can now be executed on 'client start' or 'cyclically' as long as the client is connected
93486	New client-specific system variable that represents 'the last alarm in the language of the client' as a string
99495	The event log, the alarm list and the alarm history can now be read out by SQL scripts and are thus available to other applications.

79692	New control: Accordion - The control makes it possible to display extensive content in a space-saving manner. Clicking on an accordion element expands or collapses the assigned content. Without this control, the functionality had to be created manually, with this control the engineering time is considerably reduced
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## Bug fixes

ID	Title	Status
88132	Elimination of many optical and functional bugs in projects upconverted from PROCON-WIN. Upconverted projects now require less rework in many places in order to function as expected under PROCON-WEB.	fixed
96262	Editing of structural elements creates duplicate index	fixed
100351	Error when recognizing PROCON-WEB ES runtimes that are too old	fixed
94150	Some servers reacted incorrectly to variables that were subsequently converted into arrays	fixed
97044	In very rare cases, filters in the project tree could affect the stability of the Designer	fixed
99381	Copy&Paste did not work properly in the filter of the project tree	fixed
99441	The XML import of the automatic project generation did not check names correctly for forbidden spaces	fixed
100819	Icon selection no longer works in the project configuration (Client -> Runtime icon)	fixed
102135	Some changes to FreeValues led to errors in the FreeValue editor	fixed
88290	Incorrect display on tablets with the Safari browser	fixed
101341	Error when updating ComboBoxes	fixed
101714	OPCUA driver cannot use the status variables more than once	fixed
102939	PLC Handler driver does not support umlauts in strings	fixed
100277	Problem with the ResMa connector when variables were requested that no longer exist in	fixed
101996	Incorrect behavior of the grid with 'zero' values	fixed
102348	LDAP users keep their old group assignments after LDAP change	fixed

21249	Incorrect display of SVGViews in the Designer	fixed
21878	Error when assigning an instance to a CustomControl	fixed
47315	After duplicating AO alarms, the text could not be changed	fixed
67712	Zoom function in the Designer's test mode leads to image interference	fixed
67840	DateTime text fields break in AOs unintentionally in some cases	fixed
76268	Sporadically the webruntime could report a general error	fixed
80378	Alarm message trigger for BEB and BNEB (comparison of two Boolean tags) does not work	fixed
82869	XML import in the grid gives no feedback if import was faulty	fixed
83455	Logbook image change is not displayed in the event log	fixed
83539	Incorrect behavior when navigation elements were deleted in the Designer	fixed
84147	Error with the automatic scaling of tables in the Runtime	fixed
84263	Large images had long render times	fixed
84484	Error when exporting minimally changed FreeConditions	fixed
86220	Incorrect driver configuration of the universal driver could influence the tag server	fixed
86694	Search and replace in process variables does not always work	fixed
86828	Images with a button to close themselves could not simply be deleted	fixed
86830	Incorrect positioning of elements after exchanging classes	fixed
87492	External column missing for tag runtime export	fixed
88139	SIMATIC driver displays Error1(-6) for the complete DB if a variable no longer exists on the DB	fixed
88387	Language switching does not change the texts in the data recorder	fixed
89159	Sporadic error message when opening the chart	fixed

89164	Deleting the structure assignment of an AO in which tag lists with structure array elements are used leads to an error message	fixed
91611	Tags that are used in FreeConditions can be deleted	fixed
93014	Export directory of databases is not considered when exporting	fixed
93302	Reports were not closed properly, which prevented new ones from being opened once a certain quantity had been reached	fixed
93424	TagServer does not release native variables correctly when deregistering	fixed
93503	AO class change does not release variable references correctly	fixed
93558	Possible crash when deleting structure instances with formulas	fixed
94288	Copying a graphic element in an AO does not work	fixed
94423	Dataserver writes too many log file entries at log level 'Info'	fixed
94499	Crash when copying a graphic element	fixed
94532	Error with empty picture areas in the runtime	fixed
95023	Images in PictureArea are not positioned correctly after certain navigations	fixed
95892	Individual components from AOs cannot be copied and pasted	fixed
96258	Changes in structures could sporadically lead to changes in other structures	fixed
96260	Partially incorrect calculation of AO items at runtime	fixed
97514	DataSet sometimes reports incorrect connection errors	fixed
98336	PROCON-WEB Designer does not run on Japanese operating systems	fixed
99003	Saving a data record in a large split file does not work	fixed