

Release notes U-CREATE PROCON-WEB ES:

Designer Version: 6.4.5.733; Runtime Version: ES 6.4.5.1

Release date: December, 2021

Release of the combination of u-create PROCON-WEB Designer 6.4.5.733 for u-control studio visualisation projects and the u-create PROCON-WEB ES 6.4.5.1 runtime for u-create studio.

Following articles are part of this release:

Article No.	Article Name	Comment
2705820000	U-CREATE-PROCON-WEB-D-ES-100	Engineering tool: PROCON-WEB Designer 6.4.5.733 System requirements: Windows 10 Professional or Enterprise At least 8GB RAM, 5GB Storage
2705830000	U-CREATE-PROCON-WEB-D-ES-2000	
Free to use	U-CREATE-PROCON-WEB-RT-ES-100	Software unit for u-control studio: u-create_PROCON- WEB_RT_ES_6.4.5.1_arm.zip Requires u-create studio V1.20.2
2708630000	U-CREATE-PROCON-WEB-RT-ES-2000	

The application note “Quickstart Guide PROCON-WEB for u-create studio” (Variable import into PROCON-WEB) explains in detail how to setup the PROCON-WEB visualisation on u-control studio.

Important: To access the runtime from the PROCON-WEB Designer and stream project files to the runtime the **SHH-Access key is not needed anymore**. The streaming password to all ES runtimes is ‘procon’, no user needed.

Supported u-create studio versions:

- UC20-SL2000-OLAC-EC with u-create studio V1.20.2 or V4.2.4
- Support for future u-control studio versions will be announced separately in their release notes

Bug fixes:

General

- With Version 6.4.5.1 a major rework of the backend with several improvements to stability, performance and server architecture happened.

Alarms and messages

- Fixed several bugs in regards to alarm and message handling

Webruntime

- Fixed several visual bugs of controls in the webruntime
- SVG handling: PROCON-WEB now supports SVG handling

Information:

- The u-create PROCON-WEB Designer (e.g. 2705830000 – U-CREATE-PROCON-WEB-D-ES-2000) is required to create the visualisation for u-control studio.
- Without a runtime license (2708630000) projects with up to 100 Tags are supported, to use this free license **at least 1 variable must be created and exchanged via the u-control driver** with the PLC.
- “The latest u-create PROCON-WEB ES runtime software unit for u-create studio is available for download under [Support for u-create PROCON-WEB \(weidmueller.com\)](#).”
- The latest “**u-create PROCON-WEB Designer 6.4.4.473**” Version is downloadable on our support homepage (“[Support for u-create PROCON-WEB \(weidmueller.com\)](#)”) or provided by your local group company.

Known issues:

- ULINT and LINT variables types of u-create studio are not supported.

- When importing PLC symbols (Global variables) via .xml file into the engineering tool comments are not imported.
- The feature of the PROCON-WEB Designer to search for valid u-control targets in the network does not work stable when multiple network adapters are used.
Workaround: Disabling all other network adapters of the engineering PC, but the one connected to the u-control studio enables the search mechanism of the Designer properly.
- When numeric data types are changed in the PLC project the variables may not recognized properly by the PROCON-Web runtime until the u-control is restarted.
- The status page of the u-create PROCON-WEB runtime “deviceIP:16701” shows wrong hardware specifications (Storage is labelled as HDD with no value)
- Endless loops are programmable via the scripting feature without error messages to warn the user.
- Creating endless loops make the runtime unresponsive and disable the streaming of new projects to the runtime.
- Scripting with local variables does not work properly.
- Landscape screen orientation is not working when using smart phones as clients.

Designer Version: 6.4.4.473; Runtime Version: ES 6.4.4.0

Release date: April, 2021

Release of the combination of u-create PROCON-WEB Designer 6.4.4.473 for u-control studio visualisation projects and the u-create PROCON-WEB ES 6.4.4.0 runtime for u-create studio.

The application notes “Quickstart Guide PROCON-WEB for u-create studio” (Variable import into PROCON-WEB) and “„2729550000_00_02_2020_QGUI_UC20-studio-en“ (SSH-Key generation for project streaming) explain in detail how to setup the PROCON-WEB visualisation on u-control studio.

Supported u-create studio versions:

- UC20-SL2000-OLAC-EC with u-create studio V1.20.2
- Support for future u-control studio versions will be announced separately in their release notes

Bug fixes:

Alarms and messages

- Fixes wrong behaviour of the alarm count in the alarm protocol
- Introduces configuration options for the alarm message boxes
- Fixes wrong behaviour of alarms after a restart of the server has happened
- Multiple acknowledgement of alarms is now working properly

Communication drivers

- OPC-UA: “Read-only” variables that were configured as Read/Write property before can now properly be set to the “Read-only” status and behave correctly
- OPC-UA: After a new project is streamed to the device the driver now properly reconnects to the server

Other topics

- Improves session handling behaviour with smartphones and other devices which don't close sessions properly.
- Fixes the issue with missing data in the chart control after switching pages in the visualisation.

Information:

- The u-create PROCON-WEB Designer (e.g. 2705830000 – U-CREATE-PROCON-WEB-D-ES-2000) is required to create the visualisation for u-control studio.
- Without a runtime license (2708630000) projects with up to 100 Tags are supported, to use this free license **at least 1 variable must be created and exchanged via the u-control driver** with the PLC.
- “The latest u-create PROCON-WEB ES runtime software unit for u-create studio is available for download under [Support for u-create PROCON-WEB \(weidmueller.com\)](https://www.weidmueller.com/support-for-u-create-procon-web).
- The latest “**u-create PROCON-WEB Designer 6.4.4.473**” Version is downloadable on our support homepage (“[Support for u-create PROCON-WEB \(weidmueller.com\)](https://www.weidmueller.com/support-for-u-create-procon-web)”) or provided by your local group company.

Known issues:

- ULINT and LINT variables types of u-create studio are not supported.
- When importing PLC symbols (Global variables) via .xml file into the engineering tool comments are not imported.
- The feature of the PROCON-WEB Designer to search for valid u-control targets in the network does not work stable when multiple network adapters are used.

Workaround: Disabling all other network adapters of the engineering PC, but the one connected to the u-control studio enables the search mechanism of the Designer properly.

- When numeric data types are changed in the PLC project the variables may not be recognized properly by the PROCON-Web runtime until the u-control is restarted.
- The status page of the u-create PROCON-WEB runtime “deviceIP:16701” shows wrong hardware specifications (Storage is labelled as HDD with no value)
- Endless loops are programmable via the scripting feature without error messages to warn the user.
- Creating endless loops make the runtime unresponsive and disable the streaming of new projects to the runtime.
- Scripting with local variables does not work properly.
- Landscape screen orientation is not working when using smart phones as clients.

Designer Version: 6.4.2.288; Runtime Version: 6.4.2.2

Release date: September, 2020

First Release:

Release of the combination of u-create PROCON-WEB Designer 6.4.2.288 for u-control studio visualization projects and the u-create PROCON-WEB ES 6.4.2.2 runtime for u-create studio.

Supported u-create studio versions:

- UC20-SL2000-OLAC-EC with u-create studio V1.20.2.
- Support for future u-control studio version will be announced separately in their release notes.

Major features:

- Simple and complex visualisation controls
- Class/Instance based configuration
- Navigation containers
- User and rights management
- Alarming and messaging
- Data logging
- Recipe management
- Simple scripting
- Style guides and project colours
- Enabled licensing via u-create studio licensing mechanism
- Integration of u-create studio global variables via communication driver

Information:

- The u-create PROCON-WEB Designer (e.g. 2705830000 – U-CREATE-PROCON-WEB-D-ES-2000) is required to create the visualisation for u-control studio.
- Without a runtime license (2708630000) projects with up to 100 Tags are supported, to use this free license at least 1 variable must be exchanged via the u-control driver with the PLC.
- “The latest u-create PROCON-WEB ES runtime software unit for u-create studio is available for download under https://www.weidmueller.com/int/service/u_create_support.jsp.”
- The latest “**u-create PROCON-WEB Designer 6.4.2.288**” Version is delivered with the purchased licenses or provided by your local group company.

Known issues:

- ULINT and LINT variables types of u-create studio are not supported.
- When importing PLC symbols (Global variables) via .xml file into the engineering tool comments are not imported.
- The feature of the PROCON-WEB Designer to search for valid u-control targets in the network does not work stable when multiple network adapters are used.

Workaround: Disabling all other network adapters of the engineering PC, but the one connected to the u-control studio enables the search mechanism of the Designer properly.

- When numeric data types are changed in the PLC project the variables may not be recognized properly by the PROCON-Web runtime until the u-control is restarted.
- The status page of the u-create PROCON-WEB runtime “deviceIP:16701” shows wrong hardware specifications (Storage is labelled as HDD with no value)
- Endless loops are programmable via the scripting feature without error messages to warn the user.
- Creating endless loops make the runtime unresponsive and disable the streaming of new projects to the runtime.
- Scripting with local variables does not work properly.

- Missing options to configure alarm boxes properly.
- Landscape screen orientation is not working when using smart phones as clients.