Release Notes: LARA 1.3.0b5

The purpose of this document is to provide updates, bug fixes, and tips for LARA recent release.

What's new in 1.3.0b5 compared to 1.2.0b40

- Cisco module updated with new codec types and extended operating modes. Integration parameter names and options changed based on integrators' feed-backs for better understanding. For details please find the Application Notes and Module Info page in LARA.

- Supporting all UCX and DCX models including the TPX, TPN extenders as well as the Dual Screen Taurus (HCM) in separate LARA driver

- Drivers for Lightware TPN ecosystem: SDVoE and Icron USB2.0 extender modules to build Media-over-IP applications (Video / Audio / USB matrix switching) including Signal Present status in SDVoE (new since 1.2.2 LARA in CTU)

- Updating configurations created in 1.1.x and 1.2.0 can be set up in a pop-up window.

- Separation of Base Module and Driver Module version numbering. Base modules in this release have the initial 1.0.0 versions

- Default Action Step names are generated automatically

Using configurations created in earlier LARA revisions:

If the configuration is recognized as having been created in a previous LARA revision, an update window is popped up after uploading. Enable the appropriate module update if you intend to use any of the extended module functionalities with configuration improvement. Otherwise leave the checkboxes unchecked, as modules containing custom JS code may fail.

The configuration is expected to work correctly without an update in this LARA revision. If you find runtime or configuration time errors in this LARA revision using an earlier one please contact Lightware support services for assistance.

Major bug-fixes among many unlisted others:

- Cisco Module: Taurus standalone and TPX integration via remote serial port communication issues - fixed
- Issues with Cisco codec control using Taurus RS232 serial port - fixed.
- Multiple emission of periodic events in each cycle - fixed

- Status Variable bugs fixed
- LW3 driver methods error handling bugs - fixed Robustness improvement: Reference to missing instance method call does not hang up the execution of the Action Steps
- Corrupted configuration shall be detected and not executed - fixed
- Multiple reception of a message in TCP Client module - fixed
- Bug-fixes in display/projector and CEC driver modules
- Bug-fixes in REST Client parameter handling
- Sliders in Multiple User Panels can not be used separately - fixed Method error message are not logged - fixed

Hints, limitations and known issues:

- It is recommended to use 8 instances maximum for stable performance. Merge the function blocks if you would need more. Please contact our support services for assistance if the project complexity requires more instances.
- It is undetected if more module variables created with the same name
- Rule trigger de- and re-selection to "Timed based trigger" is not working (works only if selected ones)
- Use ISO basic Latin alphabet only in property names (Events, Methods, Parameters, Rules, ...)
- Device Real Time Clock shall be set up for the successful LARA authentication
- Apply Dependency and Custom Code Update in Taurus driver to remove the Missing Node error messages (messages lead to no functional issue, just alarms).
- Stream Deck device need to be disconnected before stopping or restarting the LARA configuration (driver is coming soon in Early Access Program)
- For TCP receive in case of Hex delimiter, use even number of hex digits without any spaces instead of the standard escape sequences like \x or 0x
- LG driver dumps error logs in case of switched off display
- LW3 driver template event parameters are not shown in the form - processing in JS custom code is required
- If you use more state variables in the Custom Code of the Rule, also use all the affected variables in the Condition fields
- False "undefined" error message if SONY Bravia driver is used
- Session Management - Timeout: In case of inactivity, the user is logged out after 30 minutes, which can be extended by a pop-up message 5 minutes before the expiration date. The extension only renews the inactivity time, it does not extend the 120-minute absolute expiration time
- It is recommended to erase your browser's cache at the first use of the firmware or LARA. Without erasing the cache the browser may use the previous (cached) version of some GUI pages, without the functions to launch LARA from web-LDC.
- If the configuration download does not work, please enable pop-up windows.