

# RELEASE NOTES SERVICE PACK 1

UNILOGIC® V 1.40.103

UNISTREAM® OS 1.40.112

MARCH, 2025

This Service Pack provides the new functions and bug fixes listed below.

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**Note:** This version requires you to update your PLC firmware.

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## New Functions

- Redfish: now includes significant enhancements to the Redfish Protocol, the new **Control Object** brings control capabilities that were previously unavailable in the protocol, including the ability to connect sensors, define allowable values, associate with multiple sensors, and link to related system components. The update introduces robust control mechanisms for cooling systems, including start/stop functionality, parameter adjustments, and mode selection.
- Load Config .INI:
  - now enables setting the 'PLC Name', allowing machine differentiation without sharing the UniApps password.
  - now enables setting the 'CANbus baud rate', allowing configuration without accessing UniApps for enhanced cyber-security.
- REST API: now enables configuring custom HTTP **Headers**. This enhancement supports projects that require custom headers to be set by the user.
- IO-Link: now supports 2 New Digital Hubs
  - ULK-1616N-M2P6** - IO-Link HUB, 16 I/O ,NPN, M12, IP67
  - ULK-0808N-M8P6** - IO-Link HUB, 8 I/O, NPN, M8, IP67
- Web Page Password Box Elements: now include the **Actions** property.

## Bugs fixed in this patch

- IP Settings Edit HMI Widget: UniLogic would crash when 'IP Address Type' was set to CPU or DNS.
- In certain cases, SQL queries crash, and I/O Bus errors occur after a PLC upgrade, requiring system reboots.
- Resolved an issue where the 8th input module on a Remote IO URB-TCP was not read correctly and sometimes showed incorrect high-state bits for modules 7 and above.
- LF: Bits to Num: Bits in the resulting number were not reset properly.
- Web Server denied access when a favicon was unintentionally used in the application.
- RestManager authorization using a token from a tag failed, resulting in the tag not being registered and returning an empty value.
- HMI Rectangle: widgets with a black border were not displayed correctly. Additionally, white rectangles were not visible on the screen.
- The alarm banner appeared even when the **Banner Type** was set to 'Small'.
- In certain cases, the 'FTP Put' command would fail silently when the command length exceeded 256 characters, showing a successful status despite not actually writing files to the FTP server.
- When importing EDS files in UniLogic V 1.33 and beyond, input and output variables are incorrectly imported as bit-type format instead of the expected INT format.
- TCP server on US15 PLCs rejects new client connection attempts following client disconnection events.

**Change Summaries for Previous Versions begin on the following page.**