UR Setup Release Notes

UR Family

Version 8.7x

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1 Summary

This document contains the release notes for EnerVista UR Setup 8.70 and 8.71 for the Universal Relay (UR) family of products.

This release note is applicable to the products: B30, B90, C30, C60, C70, C95, D30, D60, F35, F60, G30, G60, L30, L60, L90, M60, N60, T35 and T60.

1.1 Date of release

Firmware 8.70: November 28, 2025

Firmware 8.71: February 13, 2026

2 Features for v8.70

2.1 Added support for 8 feeders and 3 zones in B30 relays with HardFiber with new SW option

Description: In previous versions, B30 HardFiber relays only support 6 banks and 6 sources. Version 8.70 with the HF 3 zones SW options now support 8 feeders with 12 AC banks and 14 sources. Banks 7 to 12 are current only banks.

2.2 A new Flex Logic operand added to L30 and L90 products to enhance 87L functionality

Description: A new Flex Logic operand “87L DIFF SYC IN PROG” has been added to enhance 87L functionality in L30 and L90 products.

Note: The first release of the UR 8.70 instruction manual wrongly documents this operand as “SYNC IN PROGRESS. This will be corrected in the next instruction manual release.

2.3 Added support for secure R-GOOSE messages with CyberSentry Level 2 software options

Description: For the relays with Cyber Sentry Level 2 and 61850 software options, the 8.70 UR Setup software now includes a M2M configuration screen for level 2 settings and certificate command buttons. This feature requires a Key Distribution Center (KDC) server.

2.4 Added enhancements to the generator loss of excitation protection element

Description: G30 and G60 relays now have enhanced generator loss-of-excitation functionality. Three new settings were added to allow the placing of two MHO shapes anywhere in the plane.

2.5 Added Multicast IP Address settings to enhance Phasor Management Unit (PMU) Aggregator

Description: A new setting called ***Multicast IP Address*** has been added to the PMU Aggregator screen to enhance the UR relay multicast PMU functionality.

2.6 Rebranding of UR Setup

Description: In version 8.70, the UR Setup software has been rebranded with the GE Vernova company name and logo.

2.7 InstallShield 2025 support for URPC

Description: Previous UR Setup version used InstallShield 2016.In version 8.70, UR setup uses InstallShield 2025 to fix a security vulnerability issue.

3 Bug Fixes for v8.70

3.1 UR Setup use the user temp folder for temporary storage of binaries during FW upgrade.

Description: In some cases, in previous UR Setup versions, UR Setup places binaries from the SFD file to a location which was not the user temp folder. In version 8.70, this vulnerability issue is fixed, so that now UR Setup always uses the user temp folder to extract binaries from the SFD file.

Workaround: None

3.2 UR Setup 8.51 could not start print job of comparison report

Description: UR Setup version 8.51 displays a warning message "`Could not start print job`." when comparison files paths are long. Version 8.70 fixes this issue.

Workaround: None

3.3 UR Setup 8.60 does not allow MU SCL Import feature to import a CID file with more than one IED

Description: When a CID with multiple IEDs is imported in the SV Stream Config window, a popup message "`This is not a valid Merging Unit CID`". This warning is not shown in version 8.70 and the UR Setup accepts CID with multiple IEDs.

Workaround: None

3.4 UR Setup 8.4 showing "Parameter is incorrect" when user select Event Record

Description: When the ***Date and Time*** setting is configured a future time and the Event Records are cleared, a pop-up message "`Parameter is incorrect`" was displayed. In version 8.70, this popup is not displayed, and the time issue is corrected.

Workaround: None

3.5 Remove Logic Designer capability added to UR Setup

Description: Previous versions of UR Setup forced customers to re-compile the Logic Designer document even if they did not require Logic Designer functionality. In version 8.70, the user can remove the Logic Designer without being asked to re-compile the Logic Designer.

Workaround: None

3.6 Compare Settings with Defaults shows additional Contact Input Threshold settings in previous UR Setup

Description: In version 8.60, UR setup displayed additional Contact Input Threshold values when the user issued a ***Compare Settings with Defaults*** menu command. The root cause was a conversion issue. For example, if the user converted a "4D" module to a "6W" module, the number of Contact Input Threshold was reduced, but UR setup did not remove the extra Contact Input Threshold. This issue has been resolved in version 8.70.

3.7 UR Setup 8.51/8.60 comparison report display is inconsistent

Description: When UR Setup 8.51 compares two devices, the comparison report shows with red color for the first selected device and green color for the second selected device. But the Annunciator settings in the comparison report show the opposite. This is corrected in version 8.70.

Workaround: None

3.8 UR Setup 8.61 Logic Designer display compilation error when more than 64 contact output objects created

Description: In UR Setup 8.61, the Logic Designer compilation generates an error message "`Error: Contact Output Repeated`" when more than 64 contact output logic elements are configured for C30 relay with four 6X modules. In version 8.70 this issue is corrected.

Workaround: None

3.9 UR Setup 8.61 does not support 61850 settings in partial export feature for firmware version before 7.30

Description: In UR Setup 8.61, there is no option to select IEC 61850 in the Export Settings. This is corrected in version 8.70, so the user can select 61850 in the Export Settings.

Workaround: None

3.10 UR Setup 8.60 does not show settings on Differential and Restraint screen

Description: In UR Setup 8.60, the Differential and Restraint screen under Actual Values and Metering does not show any of its settings. This is corrected in version 8.70.

Workaround: None

3.11 UR Setup 8.40 has an intermittent copy/paste issue in IEC 61850 DataSets screen

Description: In UR Setup 8.40, the user sometimes sees the text "`Master.LLN0.ST.Beh.t`" after copying and pasting different data items. This is corrected in version 8.70.

Workaround: None

3.12 UR Setup 8.60 SLD Editor moves objects after reopening

Description: In UR Setup 8.60, when the user configures a Breaker IEC object saves it, the Breaker IEC object shifts upwards when the SLD Editor is reopened. This is corrected in version 8.70.

Workaround: None

3.13 UR Setup 8.61 does not accept subscription from CID files without prefix generated from third party

Description: When using UR Setup 8.61 to load a third-party subscription file, which is created with FCDA with no "prefix", data attributes are missing in RX GOOSE messages. This is corrected in version 8.70

.**Workaround**: None

3.14 In UR Setup 8.40, user pushbutton assertion does not always work after a firmware upgrade

Description: When using upgrading to UR Setup 8.40, immediately after upgrade, the user sees the error message "`Failed to send button command to relay`" when asserting pushbuttons. This is corrected in version 8.70.

Workaround: None

3.15 In UR Setup 8.60, the phasor values are not updated

Description: In UR Setup 8.60, the Phasor Vag/Vbg/Vcg/Vab/Vbc/Vac values are frozen under Actual Values and the Phase Voltages screen in online devices. This is corrected in version 8.70 and the user sees live updates of the Phasor Vag/Vbg/Vcg/Vab/Vbc/Vac values.

Workaround: None

3.16 UR Setup 8.51/8.61 fails to open specific CID file in Spanish OS

Description: UR Setup 8.51/8.61 fails to create an offline device from a customer-created CID file and the log file shows the error "`CID Validation error(s) based on SCL xsd schema`" in the Spanish OS. This is corrected in version 8.70 and the user is able to open CID successfully.

Workaround: None

3.17 UR Setup 8.42 shows a continuously high AND gate output

Description: In UR Setup 8.42, when the user creates a Logic Designer diagram using two virtual inputs, one AND gate and one virtual output, in some scenarios the AND gate shows HIGH when both virtual inputs are not on. This is corrected in version 8.70.

Workaround: None

3.18 UR Setup 8.41 failed to write settings to relay running firmware version 7.28

Description: Using UR Setup 8.41, when the user writes a setting to a L90 relay running firmware version 7.28, during writing, the writing fails to complete and an error is displayed ("`Upload Incomplete (UR_DATA_FLEX_LOGIC_ENTRY)`". This is corrected in version 8.70.

Workaround: None

3.19 UR Setup 8.51 wrongly converts User-Definable Display settings from 8.4x to 8.5x.

Description: After converting the UR Setup settings file from 8.4x to 8.5x using UR Setup 8.51, it was observed that the user-definable display setting values were changed. In 8.70, this issue is fixed, and user-definable display settings are now the same after conversion from 8.4x to 8.5x

Workaround: None

4 Features for v8.71

4.1 Added support for Spontaneous Multicast PMU mode in PMU Aggregator screen

Description: In UR Setup version 870, PMU Aggregator screen added Multicast IP Address but PMU UDP multicast mode functionality still requires more settings. UR Setup version 8.71 added Spontaneous Mode, CFG Frame and Multicast Port in PMU Aggregator screen to support PMU UDP multicast mode functionality.

4.2 Rebranding of UR Front Panel in Actual Values

Description: In UR Setup version 870, under Actual Values – Front Panel, the GE logo was shown in the front panel. In the UR Setup 8.71, the GE Vernova logo is displayed on the front panel.

5 Bug Fixes for v8.71

5.1 UR Setup software v8.61: Template Mode issue with Online UR relay f/w v8.61

Description: UR Setup version 8.61 shows settings with non-default values as highlighted in amber in edit template screen even though user did not select these settings. In UR Setup 8.71, the issue is corrected and edit template mode screen shows settings with non-default values in gray if these settings are not selected for edit template option.

Workaround: None

5.2 B30 v8.7x_SRC11_Ph-B Angle Deadband Issue

Description: In UR Setup version 8.70, configured deadband angle (MMXU11 A.phs.dbAng) in IEC61850 Source 11 screen is not retained in the relay after power cycle. Version 8.71 fixes this Issue and configured Source 11 deadband angle is retained after power cycle. Similar issue has been corrected on IEC61850 Source 16 settings MMX16 RMS A.phsA DEADBAND, MMX16 RMS A.phsB DEADBAND, MMX16 RMS A.phsC DEADBAND, MMX16 RMS A.res DEADBAND, MMX16 A.phsA DEADBAND, MMX16 A.phsA dbAng and MMX16 A.phsB DEADBAND. In addition to UR Setup version 8.70, this issue affected versions 8.4x, 8.5x and 8.6x also.

NOTE: In some scenarios, user needs to unselect “Preserve custom attributes when importing SCD/CID files” checkbox in URPC File->Preferences->IEC61850 menu page.

Workaround: None

6 For Further Assistance

For product support, contact the information and call center as follows:

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