



Bugfixes

2023-24.50



Technical Inquiries

Please ask the responsible contact person in our support department.

E-mail: e3-support@de.zuken.com

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Contact

Zuken E3 GmbH
Laemmerweg 55
D-89079 Ulm/Einsingen

Phone : +49 7305 9309-0
Fax: +49 7305 9309-99
Web: <http://www.zuken.com>
E-mail: e3-info@de.zuken.com



NOTE regarding data conversion

When opening a project with the new version (2023-24.50), projects of previous version (2023-24.44)

are converted and can no longer be opened with the previous version.

Single-User

Multi-User

are not converted and can still be opened with the previous version.

Single-User

Multi-User

COM Registration

the COM library has been changed and should be registered again
(start the program as ADMIN using „E3.series.exe /register“)
Is done automatically during the installation of version 2023.



NOTE regarding module dependency

If E3.RevisionManagement is in use, it is not supported due to

- E3-1249 (COM: Extension of ExportForeign to also output ComponentPin attributes)

It is mandatory to install **E3.RevisionManagement 25.0.1** (or newer).



NOTE regarding runtime dependency

Starting with E3.series version 2023-24.50, an update to *Microsoft Visual C++ 2015-2022 Redistributable (x64)* is required.

Installation of E3.series 2023-24.50 via **setup** (recommended method):

- The installation ensures that the required version of the redistributable is installed (it is also installed if required).

Installation of E3.series 2023-24.50 via **msi** package:

- Please check in the installed apps whether the following version of the redistributable is already installed:



- If not, please install the redistributable that comes with the msi package
`\ISSetupPrerequisites\{25E2F1F0-09A7-4C6A-ADC7-CA620D43574E}\VC_redist.x64.exe`

Update of E3.series 2023-24.50 from the **ZIP archives**:

- Please check in the installed apps whether the following version of the redistributable is already installed:



- If not, please install the redistributable contained in the ZIP archive
`e3.series_2023_24.50-64bit.zip` in the subdirectory `vc2022redist`.

Bugfixes

The bug fixes are sorted and listed by number(s). This enables you, for example, to easily search for bugs reported to our support office.

E3-766	Performance improvement when switching variants/options if many master/slave texts are contained. (Designer-44251)
E3-963	When searching for change markers, shared sheets are not included.
E3-1291	Error message with PDF Export: String length has bad value 44134 (minimum 0, maximum 32763).
E3-1367	Rotation with 3D triad triggers "fit space requirement".
E3-1383	Conflict notification when changing attribute values that must be unique in the project
E3-1416	During SVG export, symbols containing an image are not rotated correctly and scaled incorrectly. (Designer-11976)
E3-1544	When importing subcircuit, item validation is activated - due to error during indirect component update.
E3-1550	"Reload Settings" overrides a setting that cannot be changed interactively.
E3-1597	COM: The set of attributes determined in the MU environment differs when using /Redliner and /Cable.
E3-1628	Alternative components are not displayed in combination with cable, hose, tube.
E3-1632	Connection name from the language database can no longer be assigned - Message - Connection name '&#xxxx;' contains invalid characters.
E3-1634	Mating connectors of connectors with inserts are not placed as complete device.
E3-1637	Panel - Standard measurement unit inches - Rounding error when entering absolute coordinates. (Designer-43933)
E3-1650	Properties window shows the internal attribute name for UI language US (1).
E3-1667	DBE: Text Properties: The "Position" field is active, but no value can be entered.
E3-1717	Create model: Drill holes are set to the zero point when dragging and dropping an existing model into a new model.
E3-1727	COM: Plugin: OnAfterModify event: ModifyObjects does not contain any CELL items, among other things.
E3-1758	DXF import cannot fit text in box. (Designer-21991)
E3-1784	Error importing a STEP file: the skin is partially transparent.
E3-1788	Error in the project causes a crash when converting to a higher version.
E3-1836	Error message when too many components are found in the search (SQL).
E3-1838	Warning when reading in a partfile or the redliner information if the path of the file is too long (>184 characters).
E3-1839	The drill hole definition for dynamic cable duct is not consistently displayed in inches.
E3-1889	Error message on structure template file when sheet is created (An internal validation could detect errors. The last action is rejected.)
E3-1921	Unexpected result when copying data from Excel to the terminal table.
E3-1960	Multiuser setup: Expert mode no longer works with the current SQL driver (19). (Designer-42926)
E3-2055	Objects with variants/options cannot be merged if the group is different.
E3-2060	COM: Warning "component not found" during COM call job. ExportToDB for assemblies.

E3-2105	If you align the mounting rails vertically, mounted designs are taken into account even though you have not selected them.
E3-2113	"Copy/Paste" and "Place at original position" depends on the position of the cursor on the sheet.
E3-2141	The manual entry of the scaling factor when creating 2D views is not accepted.
E3-2167	Cutting/inserting mounting rails with many terminals takes an unexpectedly long time.
E3-2186	Signal logic lines are not always shown.
E3-2304	E3.3DRoutingBridge: In the SVG file of the HCV export there are unmasked control characters.
E3-2357	The validation recognises an error when creating a 2D view with an invalid document type in the sheet.
E3-2390	Copying areas from an Excel spreadsheet to an E3 sheet creates an image (graphic) instead of a comment text.
E3-2398	Plugged-in component of an assembly is displayed in a shifted position.
E3-2409	COM: Pin.SetName does not allow blanks.
E3-2412	The 3D view toolbar buttons remain active even though the focus is no longer on the panel region.
E3-2446	Entries in the 'Core connection' properties disappear if the component name contains brackets at the end.
E3-2476	After creating a new menu, existing menu entries disappear.
E3-2478	The symbol exchange in the symbol properties sometimes takes an unexpectedly long time.
E3-2507	E3.RevisionManagement: A changed text is not recognised as a change in the free comparison.
E3-2515	The terminal sorting file (in the settings) is not written to the template file and therefore cannot be updated via 'Reload settings'.
E3-2583	DBE: The symbol connection nodes are displayed too small in the 'Database symbol connection nodes' toolbar. (Designer-37078)
E3-2658	If "Use the following names" is selected in the tree, stop parts and mates are displayed as "???" in the part properties.
E3-2682	The 'Trim graphic' function takes into account graphics that are hidden by options.
E3-2685	During PDF export, circles may be shifted in the symbol view of connectors.
E3-2709	After rotating and scaling a symbol, the connection point positions are no longer correct.
E3-2711	When the BMK of the assembly is changed, the connection target in the text node is not updated.
E3-2712	The function 'Trim graphic' with assigned option leads to a validation message with dump file (*.dmp).
E3-2715	For sheet names with a leading 0, 'pulling down' the sheet name in the sheet table leads to the end of E3.
E3-2755	With the 'Align objects' function, an offset value entered jumps back to the previous value.
E3-2784	In the 'Import -> DXF/DWG and DGN' dialogue, fonts are listed several times in the 'Font' selection.
E3-2806	If a value is typed in the Dimensions settings for Accuracy, it will not be applied.
E3-2883	After activating the Japanese keyboard layout, Unicode abbreviations are sometimes displayed in the properties window.
E3-2885	Absolute rotation of texts on control cabinet sheets inactive.
E3-2935	DBE: While editing a model, using the 'Copy/Paste' and 'Place at original position' functions does not result in placement at the original position.
E3-2941	DBE: Component Properties report an invalid argument for a newly created block component.

- E3-2952 The function "Reconnect Cores" leads to project inconsistencies.
- E3-2998 DBE: The modification of a component within a block component loses the model of the block component.
- E3-3033 The segment diameter is not calculated correctly.
- E3-3069 COM: Sht.AlignObjects - The parameters `mode = 3 (DISTRIBUTE_OBJECTS_HORI)` and `mode = 4 (DISTRIBUTE_OBJECTS_VERT)` no longer work correctly if a reference ID is specified.
- E3-3080 Several terminals cannot be connected / docked in the panel.
- E3-3081 If a symbol is rotated when it is placed, the text is also scaled when it is subsequently scaled.
- E3-3086 If a connector symbol is rotated during placement and then scaled, E3 moves the symbol to not rotated and out of the symbol frame.
- E3-3187 Rename wire is slowly when connection table is active.
- E3-3194 The "Show items without variants/options" setting doesn't behave as expected.
- E3-3304 When splitting/merging plugs, the connector in the tree is lost.
- E3-3340 Tree node attribute shows unusual values after changing the maximum length of the associated text type.
- E3-3639 The sheet graphic is no longer visible (covered by the image).
- E3-3369 "Update component" swaps mating connector even though setting is active that mating connector should be kept.
- E3-3370 Performance improvement when many signal names are changed via COM and the signal tree has expanded.
- E3-3380 DBE: After placing a model in a connector, the connector view number is deleted.
- E3-3552 With the step model display in 3D, the step display is no longer changed with resizable normal models.
- E3-3592 Function 'Automatic connection': a splice is not fully connected.
- E3-3645 COM- DeviceInterface::CreateFormboard and DeviceInterface::CreateView create connector views for components without structure.
- E3-3751 Unit of measurement does not change when it is switched in the model properties.

Feature Enhancements

Additionally, we also have added some new / enhanced functionality in this service pack.

- E3-503 The character set for DXF/DWG export should be able to be set in the cfg file. (Designer-44212)
- E3-709 COM: new method for focussing on multiple objects - `e3JobInterface.FocusOnIDs()`. (Designer-44044)
- E3-1249 COM: Extension of `ExportForeign` to also output `ComponentPin` attributes. (Designer-21239)
- E3-2225 COM: New `GetMeasure/SetMeasure` Methods for the `DBEApplicationInterface`. (Designer-37674)
- E3-2613 Database tree: The filters for attribute values in the component search should not follow on from one another.
- E3-2817 COM: New method to determine the unscaledness of a wire, cable core, pipe/hose. (Designer-32473)

Last Minute Information

Last-minute information that has not yet found its way into the E3 documentation.

Regarding E3-2613

A new registry key is read to control the behaviour:

- [HKLM]\Software\Zuken\E3.series\24.0\DatabaseTreeOptimization (DWORD)
- [HKCU]\Software\Zuken\E3.series\24.0\DatabaseTreeOptimization (DWORD)
- The value can be a combination of the following values:
 - 0x1 The content of the selection lists is not adjusted when a search criterion is entered/selected.
 - 0x2 If <All> is selected in a search field, the tree is collapsed before being rebuilt.

If the registry key is missing or the value is 0x0, the database tree behaves as before version 2023-24.50.

Regarding E3-3639

A new registry key is read to control the behaviour:

- [HKLM]\Software\Zuken\E3.series\24.0\Settings\AllowGraphicsBehindSheetFormat (DWORD)
- [HKCU]\Software\Zuken\E3.series\24.0\Settings\AllowGraphicsBehindSheetFormat (DWORD)
- The value can be:
 - 0x1: a graphic may be covered by the sheet format.
 - 0x0 (or missing registry key: a graphic is not covered by the sheet format.



Americas

North America

Zuken USA Inc.
Westford, MA 01886, USA
Tel: +1 978 692 4900

Asia

Japan

Zuken (World Wide Head Office)
Yokohama, Kanagawa 224-8585, Japan
Tel: +81 45 942 1511

China

Zuken (Shanghai) Technical Center Co., Ltd.
Room 301, No.555 Nanjing West Road, Shanghai,
200041, People's Republic of China
Tel: +86-21-3218-1784

Korea

Zuken Korea Inc.
Seoul 135-283, Korea
Tel: +82 2 5648031

Singapore

Zuken Singapore Pte Ltd.
#22-05 Gateway East, Singapore 189721
Tel: +65 6392 5855

Taiwan

Zuken Taiwan Inc.
Taipei 110, Taiwan
Tel: +886 2 7718 1116



Europe

Germany

Zuken GmbH (European HQ)
D-85399 Hallbergmoos, Germany
Tel: +49 89 7104059 00

Zuken E3 GmbH
D-89079 Ulm, Germany
Tel: +49 7305 9309 0

Zuken E3 GmbH
D-30659 Hannover, Germany
Tel: +49 511 8595 9489

Switzerland

Zuken E3 GmbH
CH-5504 Othmarsingen, Switzerland
Tel: +41 62 561 08 00

United Kingdom

Zuken UK Ltd.
Bristol, BS32 4RF, UK
Tel: +44 1454 207 801

France

Zuken S.A.
#91974 Les Ulis Cédex, France
Tel: +33 1 69 29 48 00

Italy

Zuken S.r.l.
20090 Milanofiori Assago, Milan, Italy
Tel: +39 02 575 921

Netherlands

Zuken GmbH
NL-6075 HA Herkenbosch, The Netherlands
Tel: +31 475 520 998