



Bugfixes

2025-25.50



Technical Inquiries

Please ask the responsible contact person in our support department.

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NOTE regarding data conversion

Build	Single-User Project	Multi-User Project	Component library	COM-registration
25.00	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
25.10	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
25.11	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: no	from 25.10: no	from 25.10: no
25.20	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
25.21	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: no	from 25.20: no	from 25.20: no
25.22	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: no	from 25.20: no	from 25.20: no
	from 25.21: no	from 25.21: no	from 25.21: no	from 25.21: no

Build	Single-User Project	Multi-User Project	Component library	COM-registration
25.30	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: no	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: no	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: no	from 25.22: no	from 25.22: yes
25.31	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: no
25.32	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: yes
	from 25.31: no	from 25.31: no	from 25.31: no	from 25.31: yes

25.33	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: yes
	from 25.31: no	from 25.31: no	from 25.31: no	from 25.31: yes
	from 25.32: no	from 25.32: no	from 25.32: no	from 25.31: no
25.34	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: yes
	from 25.31: no	from 25.31: no	from 25.31: no	from 25.31: yes
	from 25.32: no	from 25.32: no	from 25.32: no	from 25.32: yes
from 25.33: no	from 25.33: no	from 25.33: no	from 25.33: yes	
25.40	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: yes

	from 25.31: no	from 25.31: no	from 25.31: no	from 25.31: yes
	from 25.32: no	from 25.32: no	from 25.32: no	from 25.32: yes
	from 25.33: no	from 25.33: no	from 25.33: no	from 25.33: yes
	from 25.34: no	from 25.34: no	from 25.34: no	from 25.34: no
25.41	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: yes
	from 25.31: no	from 25.31: no	from 25.31: no	from 25.31: yes
	from 25.32: no	from 25.32: no	from 25.32: no	from 25.32: yes
	from 25.33: no	from 25.33: no	from 25.33: no	from 25.33: yes
	from 25.34: no	from 25.34: no	from 25.34: no	from 25.34: no
	from 25.40: no	from 25.40: no	from 25.40: no	from 25.40: no
25.50	< 25.00: yes	< 25.00: yes	< 25.00: yes	< 25.00: yes
	from 25.00: no	from 25.00: yes	from 25.00: no	from 25.00: yes
	from 25.10: no	from 25.10: yes	from 25.10: no	from 25.10: yes
	from 25.11: no	from 25.11: yes	from 25.11: no	from 25.11: yes
	from 25.20: no	from 25.20: yes	from 25.20: no	from 25.20: yes
	from 25.21: no	from 25.21: yes	from 25.21: no	from 25.21: yes
	from 25.22: no	from 25.22: yes	from 25.22: no	from 25.22: yes
	from 25.30: no	from 25.30: yes	from 25.30: no	from 25.30: yes
	from 25.31: no	from 25.31: no	from 25.31: no	from 25.31: yes
	from 25.32: no	from 25.32: no	from 25.32: no	from 25.32: yes
	from 25.33: no	from 25.33: no	from 25.33: no	from 25.33: yes
	from 25.34: no	from 25.34: no	from 25.34: no	from 25.34: yes

25.50	from 25.40: no	from 25.40: no	from 25.40: no	from 25.40: yes
	from 25.41: no	from 25.41: no	from 25.41: no	from 25.41: yes

Projects and component library:

- **Yes:** The data is converted and can therefore no longer be opened with the indicated versions.
- **No:** The data is not converted and can therefore be opened with the indicated version.

COM registration:

Yes: The COM library has been changed and must be registered again.
 (start the program as ADMIN using „E3.series.exe /register“).
 Is done automatically during the installation of version 2025.



NOTE regarding runtime dependency

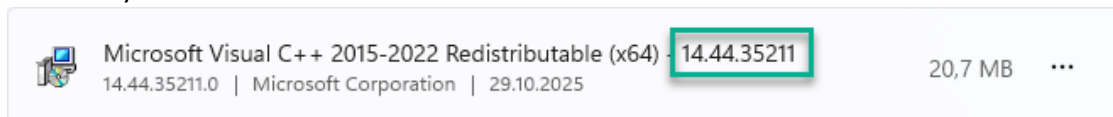
With E3.series version 2025-25.50, an update to *Microsoft Visual C++ 2015-2022 Redistributable (x64)* is required.

Installation of E3.series 2025-25.50 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 2025-25.50 via **msi** package:

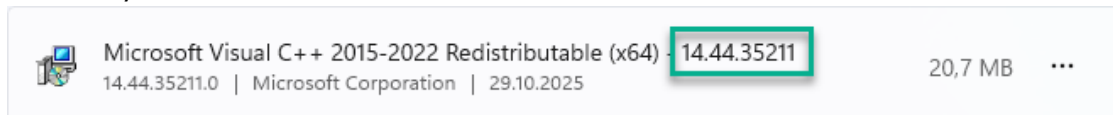
- Please check in the installed apps whether the following version of the redistributable is already installed:



- 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 2025-25.50 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_2025_25.50-64bit.zip` in the subdirectory `vc2022redist`.



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).

Bugfixes

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

E3-2421	The Dongle Driver 9 causes the following error message in Windows 11: "This app cannot run on this PC."
E3-3223	Preventing changes to the unit of measurement via settings.cfg does not respond correctly.
E3-4550	COM: e3Job.ExportSVGByArea: Table symbols are not displayed correctly on a formboard.
E3-5124	Overlapping restricted areas in models may cause problems during placement.
E3-5180	Not all variants/options can be activated in a project (E3 does not respond for a very long time).
E3-6147	When updating a cable in the project, part of the cable/cable bundle is not updated.
E3-6224	MultiUser: Incorrect error message when the version is incompatible.
E3-6322	DBE: Creating a pipe component using the Pipe template will result in a hose being created unless Pipe is selected in the wizard.
E3-6327	DBE: Edit wire colours: the 'Colour' pull-down menu is displayed in the wrong position when two monitors with different scaling are used.
E3-6415	The setting 'Check cross-section of pin terminal with device pin' leads to the selection of pin terminals filtered by attribute in the case of multiple pin terminals.
E3-6521	Reference type of block component is automatically changed after component update.
E3-6543	Changing the pin name on a new device view results in an error message.
E3-6558	If the symbol is deleted by area selection on a formboard sheet, the cable protection next to it is also deleted.
E3-6589	When positioning a terminal strip, the angle is not adopted by the retaining rail.
E3-6647	Valid counterparts and pin terminal are retained when symbols are deleted, but are no longer displayed.
E3-6663	COM: The field.GetInsideGraphIds method returns spline graphics from another field or from outside.
E3-6705	In certain circumstances, a connector cannot be deleted.
E3-6753	The layer setting for cable ducts and mounting rails is ignored.
E3-6834	Variants / Options Text for components is not displayed in Formboard table.
E3-6867	When changing a component, the value of a component attribute is left behind on a text.
E3-6962	Borrowing the "Import_step" license does not work properly.
E3-7004	COM: Missing options in the 'e3Job.ExportDrawing' method for busbars.
E3-7007	COM: The e3Text.CalculateBoxHeightEx method returns incorrect results.
E3-7025	Export PDF: Error 'Floating point parameter r has a bad value 0.0'.
E3-7050	DBE: Crash of E3 after graphics conversion from arcs to polygons with max angle 0 degrees.
E3-7064	COM: GetBomPartList: No SheetGID + SheetGrid is output for attribute text template (Formboard cable protection or cable fixings).
E3-7070	Wires connected between two symbols are not moved to the next pin after a symbol is deleted.
E3-7081	Placing "Place New Device View" on Schematic Sheet causes E3 to crash.
E3-7128	Verify: E3 reports an error regarding twisted cables, which is incorrect.

- E3-7134 COM: e3Field.SetDeviceAssignment: Stack overflow when changing the HLA if two fields are placed exactly on top of each other.
- E3-7151 Grouped subcircuit reports red error message when moving.
- E3-7167 COM: Fields from the clipboard are not merged using the 'CommitToProject' method.
- E3-7187 When moving objects, attribute texttemplates can be deleted in inactive connection lines.
- E3-7214 Adjustments to the backup file for a read-only project.
- E3-7217 If a non-active option is assigned to a field containing a split block, the other part of the block outside the field is not displayed as inactive.
- E3-7247 The content of a DGN export is incorrect in this specific case.
- E3-7315 DBE: Error: 'E - Error in function cells\dfi_cell_search_by_cellid(), ret = 1' when duplicating a symbol.
- E3-7322 The routing in the control cabinet bypasses a cable duct.
- E3-7347 When deleting a clipboard, references to cables are deleted internally.
- E3-7377 A connection line cannot be moved when a view is locked.
- E3-7388 Busbars are displayed in blue instead of red (=automatic color) in PDF exports (and all other exports).
- E3-7433 DDS-C files that contain fields in a specific configuration cannot be read.
- E3-7488 Possible infinite loop and crash when switching variants/options.
- E3-7505 In the "Wire Properties" dialogue box, there is an empty "Component" tab, which should not be there.
- E3-7567 The fill limit of the cable duct is reset if it is below the predefined value and is saved in a template file.
- E3-7703 After opening a specific project in a higher version, parts are missing in panel.
- E3-7926 The "Assign as Variant Instance" command for terminal strips does not work in the same way as for standard devices.
- E3-7985 An attribute value is displayed as "0" if devices with different values are selected at the same time.
- E3-8065 Error and validation after deleting a cable duct outlet.
- E3-8160 The BeforeDeleteStructureNode trigger for the "Force Delete" command of the structure node does not work.
- E3-8165 File shortcuts and file icons (*.e3s ...) are no longer created in Windows 11 24H2 and 25H2.
- E3-8170 Bundle symbol with certain graphics leads to the Dead Loop in E3.
- E3-8238 Inserts of configurable connectors are still indirectly locked after blocking/unlocking structure nodes.
- E3-8299 Verify 0013 reports different graphical networks despite signal-equivalent connectors.
- E3-8302 COM: e3Pin.GetAttributeValue returns a component attribute if no device attribute is available.
- E3-8318 E3 Crash when Auto Connect Horizontal and Vertical are enabled.
- E3-8327 In the tooltip of connections with multiple signals, the signal is <No signal>.
- E3-8331 Error with the Place Continuous command from the attribute indicator when dragging to a connector line with options.
- E3-8392 COM: The Sym.SetCharacteristic() method is no longer responding.
- E3-8470 When placing a terminal symbol via drag & drop, there is an unexpected change in signal names and therefore also in signal cross-references.
- E3-8474 UpdateOnlyAttributes reports that the current version is being used, even though nothing is being updated.
- E3-8484 When positioning a terminal block, the angle is sometimes not taken over by the retaining rail.
- E3-8694 Splices cannot always be placed on formboard connections.

- E3-8716 At cableduct references, no attributes are inherited from the structure.
- E3-8893 DBE: Component Wizard leads to 'Error in function int __cdecl CWizPageCompType::DoChanges(void), ret = 8' for terminals.
- E3-8936 The graphical objects assigned with variants/options are hidden with the "Show elements without variants/options" setting.

Feature Enhancements

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

- E3-5367 Connection points with different signals should be routed in every routing mode and reported in the statistics.
- E3-7057 COM: new COM calls to create dynamic contours (cut-outs/restricted areas/drillholes) in the project.
- E3-7127 COM: New method 'CreateDynamicContour' to support all restricted.
- E3-7253 COM: New method pin.GetLogicalEquivalencePinIds.
- E3-7501 COM: New method 'JumpToPanel3D()' in DeviceInterface (access and control of the 3D view (camera position)).
- E3-8171 COM: Access and control of 3D animation.



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