



Bugfixes

2023-24.20



Technical Inquiries

Please ask the responsible contact person in our support department.

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Bugfixes

INFORMATION



When opening a project with the new version (2023-24.20), projects of previous versions (2023-20.xx) are converted and can no longer be opened with the previous version

[] Single-User

[x] Multi-User

COM Registration

[x] 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.

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

Designer-20548	Incorrect display order with SVG output
Designer-20606	When saving connector with multiply used structure to database, query is missing asking the user whether to update all block components using this connector
Designer-39137	Device cannot be deleted. Validation and error messages: "E - line: End-Position 2 [xxx] differs from End-Position 1 of line 1 [xxx] "
Designer-39654	SVG export: line width not uniform - possibly in connection with placed wires?
Designer-40993	Memory problem after moving a symbol with "Autoconnect" functionality
Designer-41147	STEP import: Inaccurate (simplified) 2D representation of STEP files in E3
Designer-41459	Large E3 projects react very slowly (e.g., renaming terminals)
Designer-41943	DBE STEP import - generating 2D views: for circles, the last line segment is missing
Designer-42059	COM: Problems around job.GetShortcutPosition concern functionality and documentation
Designer-42623	Update in project causes change of wire type if setting 'General - Update in project - Prefer order of symbol, core and pin' is active.
Designer-42808	Command "Distribute vertically" does not work correctly for mounting rails
Designer-42851	After copying panel sheets, wrong coordinates for the region are displayed
Designer-42904	E3.RevisionManagement: PDF file shows wrong representations
Designer-42933	E3.series may crash under certain boundary conditions when executing the 'Jump to component tree' command when using the tree structure with classification
Designer-42990	E3 crash when copying devices because of too long text on sheet
Designer-43022	'Insert Template Symbol' from Icon toolbar is not scaled

Designer-43043	Exporting (and importing) subcircuit is faulty because a wrong symbol version is exported.
Designer-43051	After opening and editing an embedded PowerPoint file, the message "W - Not enough memory to complete the operation." shows up.
Designer-43054	Messages "W - Text '#xxx not found in text database." when only graphics are copied from the project to a new project
Designer-43090	Placing a split block results in the error message "E - Invalid position - symbol cannot be placed on block symbol!"
Designer-43100	Pins of connector symbols placed on a block cannot be changed
Designer-43111	E3-DBE hangs up when clicking on tab in model properties
Designer-43128	Sheet tree view not updated after moving hierarchical blocks
Designer-43133	Updating current busbar symbol results in error message: "E - Error in function int __cdecl change_symbol_for_cells(int,int,struct SYMBOL_MODIFIER *), ret = 26"
Designer-43141	Internal/external targets are displayed incorrectly in terminal plan
Designer-43149	COM: dbeapp.EditComponent marks the previously edited component as changed
Designer-43185	E3 may crash during upconversion if invalid cable type names are included
Designer-43189	Jumping out of the tree in DBE, the front view is activated although object of another view (e.g. top) was selected
Designer-43196	Drawing a connection may result in a validation error.
Designer-43223	Performance problem when inserting a dimension on large formboard sheet
Designer-43226	COM: Panel - GetCableDuctIds returns too many cable ducts
Designer-43227	COM: Panel - GetCableDuctIds returns too many cable ducts
Designer-43238	Switching between sheet area and work area on a panel sheet, the current 3D view is rotated
Designer-43244	Importing subcircuits, item designations of devices in blocks were changed
Designer-43255	DBE - "Highlight intersection point of twisted pairs" checkbox is deactivated when "Apply" is selected
Designer-43262	Digitizing dimension points from 2022-23.00, points of symbol graphics are found instead of line ends
Designer-43273	For wire groups, manual input of wire colors in the DBE is not saved
Designer-43276	In DBE, cross-section values from AWG20 upwards are displayed in mm ² when component properties are opened again
Designer-43299	COM: Tree.SetSortingMethod - flags for display missing
Designer-43310	Allow placing cable ducts with a width bigger than 1000 mm
Designer-43325	Panel - moving components in the tree not possible
Designer-43354	Importing a DXF, E3 crashes
Designer-43365	Option "explode symbols" in DWG export leads to missing texts or values
Designer-43377	Update components in project renames signals
Designer-43448	Performance problem when rotating branches on large formboard sheets
Designer-43455	Error when entering distance in block setting
Designer-43477	Error message appears in clipboard after copy/paste extended
Designer-43509	Missing text for port names in terminal plan
Designer-43517	Deleting connections also changes many signals on different sheets

Designer-43598	Behavior of text type #7 (signal indicator) with the function 'Disconnect - delete signal' on a bus pin - signal indicator is still displayed
Designer-43605	The database conversion from E3.2021 to E3.2022/E3.2023 does not work if the DB is on Oracle
Designer-43630	Exporting multiuser projects or copying from existing MU projects may export too many primary keys (Oracle)

Additionally to the bug fixes we also have added some new / enhanced functionality in this patch

Designer-41583	New DBE COM calls (for COM tests with image comparison in CI/Docker): DbeModel.GetDrawingArea(), DbeModel.ExportImageArea(), DbeModel.ExportImage(), DbeModel.Display(2D / 3D)
Designer-41984	New setting to show/hide cross-references that refer to disabled objects (symbols or sheets)
Designer-42802	E3.CutOut: Possibility to directly generate required sheet formats
Designer-42896	It should be possible to assign a description or name to slots (also display this in the properties / in the tree)
Designer-43038	Change RoutingMap from std::vector<std::vector<std::shared_ptr<MapNode>>> routingMap to std::unordered_map
Designer-43046	Reduce search area when searching connections during auto route
Designer-43065	COM: New call Pin.GetWiringDirection() to determine the wiring direction of tilted mounting plates in relation to the original orientation of carrier
Designer-43233	New setting to consider or ignore symbol graphics when digitizing dimension points
Designer-43279	New function GetComponentList() in DbeApplicationInterface / ApplicationInterface to retrieve all components available in the database with meta information
Designer-43281	New function GetModelList() in DbeApplicationInterface / ApplicationInterface to determine all available models in the database with meta information
Designer-43282	Path to DXFImport.cfg should be set differently in DbeApplicationInterface / ApplicationInterface

Designer-43283	DBEModelInterface:ImportDXF shall be able to create drill holes, threading and cutouts from certain DXF graphics
Designer-43284	Should be possible to assign a model via DBEComponentInterface
Designer-43324	DBEModelInterface:ImportDXF und DBESymbolInterface:ImportDXF should adjust the sheet format during import if it is too small
Designer-43350	New COM Call DbeApplication::RemoveUndoInformation()
Designer-43390	New COM functions 'e3DbeModel.GetAttributeIds()' and 'e3DbeModel.AddAttributeValue()' so that model attributes can be edited
Designer-43391	Adaptation of COM function GetComponentList() and GetModelList()
Designer-43392	The COM function DbeModel.DXFImport() is to be extended so that only cut-outs/drill holes/threads can be imported
Designer-43466	New interface and calls to assign and read slot names in DBE. DBESlot interface, DBESlot.Set..., DBESlot.Get...



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