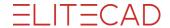# Release Notes

ELITECAD

ELITECAD ARCHITECTURE 17 R3 Update (June 2025)

- ☑ Architecture: Improvements in the area of the clear room height when updating rooms with ceilings
- ☑ Architecture: Optimisation of the room contour calculation in where shallow niches are concerned
- ☑ Architecture: Correction for one-sided stringer for spiral staircase
- ☑ Architecture: Optimisation when adopting parameters for stairs with free storey reference and when fixing the step height
- ☑ Architecture: Correction when converting old fire protection labels
- ☑ Architecture: Stabilisation when editing glass elements and correction for room-dividing option
- ☑ Architecture: Adjustments to docu-texts in rotated coordinate systems
- ☑ Architecture: Correction to reveal area calculation for special corner window situation
- ☑ Architecture: Optimisation of the door division tool for user-defined coordinate systems

- ☑ Quantification: Improvements and corrections to preset management of EPD mappings
- ☑ Quantification: Correction to the quantity calculation of layer objects and listings in the building resource passport
- ☑ Quantification: Correction when resetting master data
- ☑ Quantification: Correction to the listing of windows in glass element lists
- ☑ Quantification: Correction to the display in glass element lists for SIAD and SIAF
- ☑ Quantification: Correction to the listing of additional wall coverings in reports

- ☑ General: Performance optimisation of database accesses of record preview images
- ☑ General: Extension for database transfer of global record hierarchies
- ☑ General: Correction when fitting background images in render views
- ☑ General: Correction when splitting a hatching with recess
- ☑ General: Correction for Select > Buffer/Import filter for SketchUp files
- ☑ General: Correction of section symbols when extending/shortening/moving section lines
- ☑ General: Preservation of the group assignment of views when temporarily converting to model views
- ☑ General: Update of the tractrix curve functionality
- ☑ General: Optimisation of the visibility of the archive status of materials

- ☑ Graphics output: Performance optimisations for real-time shadows, level of detail restrictions now also for parallel projection
- ☑ Graphics output: New standard option for final image setups without level of detail restrictions after manipulations/dynamic rotation etc. for maximum image quality with improved performance
- ☑ Graphics output: Optimisation of the reflection of the panorama environment on reflective materials in parallel projection
- ☑ Graphics output: Performance improvement for light animations

- ☑ Visualisation: New native integration of materials from the visualisation and BIM texture provider mtextur
- ☑ Visualisation: New texture explorer for online materials from mtextur, ambientCG and Poly Haven
- ☑ Visualisation: New origin information and functions for downloaded VisMat (overlay icon, tooltips, open link)

- ☑ Terrain: Correction when displaying contour lines in views at different scales to the model
- ☑ Terrain: Corrections when adding contour lines to a rotated terrain
- ☑ Terrain: Correction for height line from contour after DWG import

- ☑ Point cloud: Correction of the height of imported georeferenced CSV point clouds during batch import
- ☑ Point cloud: Stabilisation with multiple selection
- ☑ Point cloud: Point clouds can now also be selected using rectangle selection
- ☑ Point cloud: Performance improvement when selecting large point clouds with high zoom
- ☑ Point cloud: Batch import can now be cancelled
- ☑ Point cloud: Correction when accessing the online help

- ☑ Plan depiction: Correction of non-coloured floor plans of offline views
- ☑ Plan depiction: Optimisation of deletion lines in offline floor plans

- ☑ PDF export: Correction for export view with PDF file format

- ☑ Team mode: Performance improvement when saving working copies
- ☑ Team mode: Corrections for working copies
- ☑ Team mode: Stabilisation and performance improvements for copy/paste
- ☑ Team mode: Correction when outsourcing views

- ☑ Drainage: Optimisations in connection with geodesy
- ☑ Drainage: Optimisation of sectional hatching of chamber
- ☑ Drainage: Correction of elliptical chambers
- ☑ Drainage: Correction of chamber generation in minimally rotated georeferenced coordinate systems
- ☑ Drainage: Cleaning up of drainage networks after moving
- ☑ Drainage: Chamber labelling no longer hides chamber when storey filter is active

Release Notes

ELITECAD

☑ Drainage: Optimisations of automatic gradient calculation

☑ Coordinate system: Correction when copying with CTRL+C, CTRL+V and CTRL+1 and rotated coordinate system

☑ Coordinate system: Correction when copying with rotated coordinate system

☑ Coordinate system: Error when opening working copy with activated coordinate system

☑ Coordinate system: Correction when inserting QR codes and pixel images in a rotated coordinate system

☑ Coordinate system: Correction in the status display for the active coordinate system in GEOPAC

☑ Coordinate system: Corrections to the input assistant when using the surveyor coordinate system (Y right)

☑ Coordinate system: Correction with angle unit GON for rectangle by dimensions and reference point

☑ Coordinate system: R,H instead of X,Y in property bar for coordinate systems when using surveyor coordinates

☑ Coordinate system: Correction for angle unit GON in the property bar for the georeferenced coordinate system

☑ Coordinate system: Correction for coordinates after ELITECAD restart with surveyor coordinates north

☑ Coordinate system: Correction when opening file with special coordinate systems

☑ Coordinate system: Correction when rotating mass text with angle unit GON

☑ Coordinate system: Correction selection from clipping in rotated coordinate systems

☑ Coordinate system: Extended display in the property bar whether the coordinate system is active

☑ Coordinate system: Increased accuracy of geodesy reference system rotation

☑ Coordinate system: Corrections for georeferenced coordinate systems with rotation when changing the options

☑ Coordinate system: Correction when opening files saved with unit GON

☑ Localisation: Revised interactive course document for conversion planning

☑ Localisation: Correction of crash course data records and project template

☑ Localisation: Correction of Slovenian data records

☑ Numerous other optimisations based on feedback from ELITECAD users

Further information in the ELITECAD Welcome Screen *("?" > "Welcome to ELITECAD!")* and online at www.elitecad.eu ("Updates" in the "Service > Downloads" menu).

Release Notes

ELITECAD

ELITECAD ARCHITECTURE 17 R2 Update (March 2025)

- ☑ Architecture: Correction of the height of banisters on spiral staircases
- ☑ Architecture: Correction of the allocation of the visualisation materials on stairs
- ☑ Architecture: Optimised the configuration of the visualisation materials for floors and ceilings in rooms
- ☑ Architecture: Correction of the of the entry offset of modular stairs
- ☑ Architecture: Optimisation of the wall/roof and truss intersections

- ☑ Quantification: Correction when resetting the EPD assignments in the database
- ☑ Quantification: Correction when switching the project links for EPD assignments in the database
- ☑ Quantification: Optimised and corrected the management of the EPD assignments in the database
- ☑ Quantification: Optimised the placement of EPD attributes for banisters
- ☑ Quantification: Correction of the stairs used as free objects
- ☑ Quantification: Correction of an error message in the construction wood list
- ☑ Quantification: Correction of the volume of the construction wood and the stair cross-section in the ecological assessment
- ☑ Quantification: Expansion of the depth quantities of wall, floor, ceiling, and roof openings
- ☑ Quantification: Optimisation of the Quantification of 2 and 3 view objects as proxy objects

- ☑ General: Stabilisation when entering graphics with overly long TIFF tag attributes
- ☑ General: Stabilisation when loading default light sources in combination with associated light sources
- ☑ General: Stabilisation when entering a selection from an excel table
- ☑ General: Optimisation of the height limitations when editing section lines
- ☑ General: Optimisation: Optimisation of the quality settings of the rendering parameters of views
- ☑ General: Correction in the layer selection of hatches
- ☑ General: Correction of chain dimensions of openings
- ☑ General: Stabilisation when closing ELITECAD in the area of windows and doors
- ☑ General: Stabilisation when creating QR-codes from overly long texts
- ☑ General: integration of the PlanRadar plugins into the BIM tools menu
- ☑ General: Improvements when using quote marks in the entry fields for data records, layer, materials, etc.
- ☑ General: Improvement in the measuring of angles for auxiliary lines
- ☑ General: Correction of an error message when saving in combination with separated views
- ☑ General: Note in the ELITECAD configuration when transfer of the V16 user settings can not be implemented
- ☑ General: New data record main folders can not be created using the context menu
- ☑ General: Data record folder structures can now be transferred between computers
- ☑ General: Correction when opening drawings with geodesy coordinate system
- ☑ General: Correction of coordinates of points from a geodesy coordinate system
- ☑ General: Correction of georeferenced coordinates after modifications in the option
- ☑ General: Correction when "loading into" with georeferencing and differing scales
- ☑ General: Updates to ELITECAD configuration dialog concerning regions (both with current and future support)

- ☑ Graphic output: Correction of the realtime shadows for NVIDIA graphics cards
- ☑ Graphic output: Corrections and performance optimisations for Parallels for Desktop (Mac OS)

- ☑ Terrain: Correction of excavations with circular contours
- ☑ Terrain: Optimisation of the excavation menu in dark mode
- ☑ Terrain: Correction when exporting a terrain in Multi-terrain mode

- ☑ Point cloud: Performance improvement with point cloud exports
- ☑ Point cloud: Correction when editing point clouds after a batch import

- ☑ Plan depiction: Optimised orientation of wall opening labels
- ☑ Plan depiction: Optimisation when modifying pen/line types in offline plan views

- ☑ PDF export: Correction when exporting special texts and arched elements

- ☑ IFC import: Optimisation of the covering intersections with rotated squared columns

- ☑ DXF/DWG: Correction of DXF imports with rotated georeferenced coordinate system

- ☑ Drainage: Correction with the display of shaft height
- ☑ Drainage: Preservation of piping networks when final end part is deleted
- ☑ Drainage: Correction when transferring load points from earlier versions
- ☑ Drainage: Correction when Fixation and UNDO
- ☑ Drainage: Correction of the height values of load points and expansion of automatic vertical line creation
- ☑ Drainage: Optimisation when adding piping to an existing pipe line network drawing
- ☑ Drainage: Correction when saving the slope in a data record

- ☑ Drainage: Optimisation of stretching
- ☑ Drainage: Correction when placing a height from 0.0 and Sea level
- ☑ Drainage: Correction when refreshing the drainage system
- ☑ Drainage: Correction for automatic vertical piping for load points
- ☑ Drainage: Correction when drawing in a rotated coordinate system
- ☑ Drainage: Correction of the slope calculation in a rotated coordinate system
- ☑ Drainage: Correction when editing a shaft in the 3D editing mode
- ☑ Drainage: Correction when refreshing with active reference points

- ☑ Localisation (FR_CH): Release notes document in French
- ☑ Localisation (FR_CH): New and optimised sample drawings incl. preview images for the plan formatting: format frames, title blocks, revision lists, symbols for height markers, attribute labels, etc.
- ☑ Localisation (FR_CH): New data records for drainage
- ☑ Localisation (FR_CH): New data records for dormers by dormer type (4x)
- ☑ Localisation (FR_CH): New data records for truss elements (11x)
- ☑ Localisation (FR_CH): New data records for attribute labels (5x): layer construction, EPD, etc.
- ☑ Localisation (FR_CH): New data record for attribute colours by EPD
- ☑ Localisation (FR_CH): Attribute label data records with country specific drawings
- ☑ Localisation (FR_CH): Revision of data records and update for default values
- ☑ Localisation (FR_CH): New data record and material hierarchies
- ☑ Localisation (FR_CH): New preview images for data records and materials
- ☑ Localisation (FR_CH): New quantities materials and associations to material groups
- ☑ Localisation (FR_CH): New quantity association rules for EPDs to materials

- ☑ Localisation (FR_FR): Complete redesign and rework of all French data records and parameters
- ☑ Localisation (FR_FR): Release notes document in French
- ☑ Localisation (FR_FR): New and optimised sample drawings incl. preview images for the plan formatting: format frames, title blocks, revision lists, symbols for height markers, attribute labels, etc.
- ☑ Localisation (FR_FR): New data records for drainage
- ☑ Localisation (FR_FR): New data records for dormers by dormer type (4x)
- ☑ Localisation (FR_FR): New data records for truss elements (11x)
- ☑ Localisation (FR_FR): New data records for attribute labels (5x): layer construction, EPD, etc.
- ☑ Localisation (FR_FR): New data record for attribute colours by EPD
- ☑ Localisation (FR_FR): Attribute label data records with country specific drawings
- ☑ Localisation (FR_FR): Revision of data records and update for default values
- ☑ Localisation (FR_FR): New data record and material hierarchies
- ☑ Localisation (FR_FR): New preview images for data records and materials
- ☑ Localisation (FR_FR): New quantities materials and associations to material groups
- ☑ Localisation (FR_FR): New quantity association rules for EPDs to materials

- ☑ Localisation (EN_UK): New and optimised sample drawings incl. preview images for the plan formatting: format frames, title blocks, revision lists, symbols for height markers, attribute labels, etc.
- ☑ Localisation (EN_UK): New data records for drainage
- ☑ Localisation (EN_UK): New data records for dormers by dormer type (4x)
- ☑ Localisation (EN_UK): New data records for truss elements (11x)
- ☑ Localisation (EN_UK): New data records for attribute labels (5x): layer construction, EPD, etc.
- ☑ Localisation (EN_UK): New data record for attribute colours by EPD
- ☑ Localisation (EN_UK): Attribute label data records with country specific drawings
- ☑ Localisation (EN_UK): Revision of data records and update for default values
- ☑ Localisation (EN_UK): New data record and material hierarchies
- ☑ Localisation (EN_UK): New preview images for data records and materials
- ☑ Localisation (EN_UK): New quantities materials and associations to material groups
- ☑ Localisation (EN_UK): New quantity association rules for EPDs to materials
- ☑ Localisation (EN_UK): Correction English material names and texts

- ☑ Localisation (PL): Release notes document in Polish
- ☑ Localisation (PL): New and optimised sample drawings incl. preview images for the plan formatting: format frames, title blocks, revision lists, symbols for height markers, attribute labels, etc.
- ☑ Localisation (PL): New data records for drainage
- ☑ Localisation (PL): New data records for dormers by dormer type (4x)
- ☑ Localisation (PL): New data records for truss elements (11x)
- ☑ Localisation (PL): New data records for attribute labels (5x): layer construction, EPD, etc.

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☑ Localisation (PL): New data record for attribute colours by EPD
☑ Localisation (PL): Attribute label data records with country specific drawings
☑ Localisation (PL): Revision of data records and update for default values
☑ Localisation (PL): New data record and material hierarchies
☑ Localisation (PL): New preview images for data records and materials
☑ Localisation (PL): New quantities materials and associations to material groups
☑ Localisation (PL): New quantity association rules for EPDs to materials
☑ Localisation (PL): New translations for quantity texts
☑ Localisation (PL): Translated quantity reports

☑ Localisation (GR): Release notes document in Greek
☑ Localisation (GR): New and optimised sample drawings incl. preview images for the plan formatting: format frames, title blocks, revision lists, symbols for height markers, attribute labels, etc.
☑ Localisation (GR): New data records for drainage
☑ Localisation (GR): New data records for dormers by dormer type (4x)
☑ Localisation (GR): New data records for truss elements (11x)
☑ Localisation (GR): New data records for attribute labels (5x): layer construction, EPD, etc.
☑ Localisation (GR): New data record for attribute colours by EPD
☑ Localisation (GR): New default layer definition for drainage
☑ Localisation (GR): All doors now have materials
☑ Localisation (GR): Material linking of construction parts activated
☑ Localisation (GR): Attribute label data records with country specific drawings
☑ Localisation (GR): Revision of data records and update for default values
☑ Localisation (GR): New data record and material hierarchies
☑ Localisation (GR): New preview images for data records and materials
☑ Localisation (GR): New quantities materials and associations to material groups
☑ Localisation (GR): New quantity association rules for EPDs to materials
☑ Localisation (GR): New translations for quantity texts
☑ Localisation (GR): Translated quantity reports

☑ Localisation (SL): New and optimised sample drawings incl. preview images for the plan formatting: format frames, title blocks, revision lists, symbols for height markers, attribute labels, etc.
☑ Localisation (SL): New data records for drainage
☑ Localisation (SL): New data records for dormers by dormer type (4x)
☑ Localisation (SL): New data records for truss elements (11x)
☑ Localisation (SL): New data records for attribute labels (5x): layer construction, EPD, etc.
☑ Localisation (SL): New data record for attribute colours by EPD
☑ Localisation (SL): Attribute label data records with country specific drawings
☑ Localisation (SL): Revision of data records and update for default values
☑ Localisation (SL): New data record and material hierarchies
☑ Localisation (SL): New preview images for data records and materials
☑ Localisation (SL): New quantities materials and associations to material groups
☑ Localisation (SL): New quantity association rules for EPDs to materials
☑ Localisation (SL): New translations for quantity texts
☑ Localisation (SL): Translated quantity reports
☑ Localisation (SL): Transferring parameter sets expanded to include Slovenian language

☑ Numerous other optimisations based on feedback from ELITECAD users

Further information in the ELITECAD Welcome Screen *("?" > "Welcome to ELITECAD!")* and online at www.elitecad.eu ("Updates" in the "Service > Downloads" menu).

Release Notes

ELITECAD ARCHITECTURE 17 R1 Update (February 2025)

This update is used to bring an already installed AR17 BETA/RC installation up to date.

Due to changes in the databases and the parameters it is strongly recommended to reinstall using the R1 ISO Image!

<u>Changes:</u>

☑ Numerous enhancements, corrections and improvements, including feedback by beta-testers, by R&D Team and Support.

Further information in the ELITECAD Welcome Screen *("?" > "Welcome to ELITECAD!")* and online at www.elitecad.eu ("Updates" in the "Service > Downloads" menu).