Stabicad

Basic functionality

General

- ✓ Extensive reporting possibilities, such as bills of materials, symbol lists and drawing lists
- ✓ Expanding the Palette Center with custom symbols and functions
- ✓ User management
- ✓ Adding custom 3D symbols
- ✓ Importing up-to-date product lines from MEPcontent.com
- ✓ Modeling in 3D
- ✓ Converting 1L/2D representations to 3D models
- ✓ Manage Sheets
- ✓ Clash detection of 3D Stabicad systems
- ✓ Drawing and generating rooms
- ✓ Context sensitive ribbon
- ✓ Stabicad Grips for quick drawing and editing, also in 3D
- ✓ Inserting 3D files using online content browser
- ✓ Project/drawing setup
- ✓ Data exchange with IFC, Excel and SXF files

Building layout

- ✓ Drawing and hatching walls
- ✓ Inserting building symbols

Space Management

- ✓ Configuration of extensive room properties
- ✓ Generating layout plan and legend
- ✓ FMIS exchange file
- ✓ Extensive room reporting
- ✓ Working with custom room label

StabiBASE Desktop

- ✓ Central project management
- ✓ Flexible project settings
- ✓ Adjustable project structure
- ✓ Importing tree structure
- ✓ Profiles and project folders
- ✓ Advanced search functions
- ✓ Registration of modification data
- ✓ Exchanging projects and drawings
- ✓ Exporting drawing information for bills of materials
- ✓ Process automation using scripts
- ✓ Advanced title block management
- ✓ Filter options
- ✓ Revit worksharing support
- ✓ Setting calculation preferences

StabiBASE Cloud

- ✓ Cloud project management
- ✓ Personalize the environment to company standards
- ✓ Mobile interface for tablet users
- ✓ Extensive user management for providing targeted access to projects, drawings and building models
- ✓ Inviting via automated email
- ✓ Advanced search functions
- ✓ Viewing DWG's as automatically generated PDF files
- ✓ Built-in PDF viewer with review options
- ✓ Managing requests in a well-organized, synchronized database

BIM software for the MEP engineer

Mechanical

Heating & Cooling, Sanitary & Sewerage, Ventilation, Plant Rooms

- ✓ Drawing pipes and ducts
- ✓ Specific drawing with Stabicad Autorouting
- ✓ Advanced nodesolver
- ✓ Automatic annotation
- ✓ Drawing and generating installations in 3D
- ✓ Generating projections, sections, and helper spaces
- ✓ Management of custom dimensions of pipes and elements
- ✓ Creating custom heating and cooling pipe types
- ✓ Bendable and flexible pipes
- ✓ Placing floor heating
- ✓ Inserting sanitary symbols, such as toilets and baths
- ✓ Placing ventilation equipment, such as grilles and valves
- ✓ Inserting elements for plant rooms, such as boilers, air handling units and distributors
- ✓ Inserting, managing and connecting radiators automatically
- ✓ Check function

Prefab

- ✓ Creating prefab sets
- ✓ Coding
- ✓ Generating sheets
- ✓ Extensive reports such as cut lists and bills of materials
- ✓ Prefab set based on model lines
- ✓ Bendable and flexible pipes

Mechanical Diagram

- ✓ Generating sheets with sheet explorer
- ✓ Inserting symbols, such as valves
- ✓ Coding
- ✓ Element code monitor

Recesses

- ✓ Creating and editing symbolic recesses
- ✓ Generating recesses from selection
- ✓ Generating recesses based on interference check
- ✓ Combining recesses
- ✓ Generating and importing recesses requests
- ✓ Recesses monitor

Sprinkler

Design & calculation

- ✓ Drawing and calculating sprinkler pipes
- ✓ Placing sprinkler connection sets
- ✓ Modifying placed sprinkler connection sets
- ✓ Inserting elements, such as sprinkler heads and valves
- ✓ Control calculation
- ✓ Check function
- ✓ Reporting of calculation results
- ✓ Flexible pipes
- ✓ Telescopic pipes
- ✓ Sloped pipes

Calculation norms

- ✓ EN 12845 (2002)
- ✓ NFPA 13 (2013)
- ✓ VdS CEA 2001 (2014)

Stabicad

Electrical

General

- Drawing low and high-voltage current installations
- Allocating symbols to circuits
- Placing recessed and surface-mounted elements
- Creating composites
- Generating installation diagrams
- Generating security and fire protection diagrams
- Drawing cable ducts and wall trays
- Specific drawing with Stabicad Autorouting
- Advanced nodesolver
- Automatic annotation of cable ducts
- Drawing and generating installations in 3D
- Generating projections, sections, and helper spaces of cable ducts
- Managing custom dimensions of cable ducts
- Coding symbols
- Generating block schedules
- Generating circuit explanation
- Installation Monitor
- Modifying properties of symbols
- Copying elements while maintaining circuit data
- Designing bus system installations
- Designing pluggable installations
- DIALux connection
- Recesses

Safety

- Drawing escape routes
- Inserting symbols
- Generating overviews and reports

Stabicad bundle

Stabicad for Revit + Stabicad for AutoCAD

The Stabicad bundle is a complete package containing both Stabicad for Revit and Stabicad for AutoCAD, including all functionality for the different disciplines. Three types of bundles are available:

Stabicad bundle
Electrical

Stabicad bundle
Mechanical

Stabicad bundle
Electrical & Mechanical

BIM software for the MEP engineer

Apps

store.mepcontent.com

Our apps are useful tools within Revit (an 'add-in') for placing product lines, configuring switch ranges or performing other MEP specific tasks. The tools are connected to manufacturer specific content to perform repetitive tasks faster.

MEPcontent Browser

- ✓ Placing manufacturer specific content directly in the project without leaving Revit or AutoCAD.

Stabicad Export & Import Excel

- ✓ Exporting an entire model, view or selection to Excel, modifying it and importing it from Excel.

MEPcontent ABB Switch Range Configurator

- ✓ Configuring, placing and managing ABB Busch-Jaeger switch ranges including relevant data.

Calculation

Sewerage, Ventilation, Tap Water, Gas, Sprinkler

- ✓ Inserting consumers
- ✓ Drawing and calculating pipes
- ✓ Dimensioning and verification calculation
- ✓ Interactive calculation overview
- ✓ Reporting calculation results
- ✓ Calculating alternatives
- ✓ Calculating sewerage flow
- ✓ Visualizing sewerage pipe types
- ✓ Calculating velocity, pressure loss, sound, system pressure, control pressure, and air leakage in a ventilation system
- ✓ Automatic annotation of tap water system

Calculation norms

Sewerage	EN 12056 (2000), DTU 60.11 (2013), DIN EN 12056 (2000) / DIN 1986-100 (2016), NTR 3216 (2003)
Ventilation	ISSO 17 (2010), ISSO 24 (1990)
Tap Water	NEN 1006 (2011) / ISSO 55 (2013), NBN 806 (2000), DIN 1988-300 (2012)
Gas	NEN 1078 (1999) / NEN 2078 (2001) Formula method, NBN D 51-003 (2004)
Sprinkler	EN 12845 (2002), NFPA 13 (2013), VdS CEA 2001 (2014)