



# Stabicad for Revit

BIM software for MEP engineers



# Create 3D MEP models in Revit that are truly constructible.

Stabicad for Revit is a fully-integrated BIM solution for MEP design, allowing you to bring both your mechanical and electrical project teams together to streamline your M&E workflows. From concept to installation, Stabicad supports your design workflows with time-saving productivity tools, comprehensive multi-region compliant integrated calculations, and always up-to-date manufacturer content.



"During our digital transformation, quality over quantity has been identified as a key factor to its success. After we defined our needs, we looked at the market for solutions that would help us overcome them. In short, Stabicad was chosen for its integration with Revit, ease of use and digitally produced outputs."

Pete Foster | Head of BASIC

The Exyte logo features the word "exyte" in a lowercase, sans-serif font, with a blue dot above the 'y'.

**We chose Stabicad for its ease of use."**

## Integrate your design and engineering workflows

### Avoid errors and rework with design and calculation in one model

Remove the need to keep both your Revit model and your separate calculation model up-to-date. With Stabicad, your mechanical and electrical system design calculations are where you need them the most: directly in your 3D model. In addition to the standard Revit calculations, Stabicad is equipped with a full-suite of British Standard and Regulation compliant calculations. This allows you to easily and accurately execute calculations for multiple regulatory authorities, ensuring you produce the highest-detailed 3D designs in Revit, regardless of your location.

With the digital evolution of seamless end-to-end building design and construction workflows, the need for precision is now greater than ever.

By having Stabicad's powerful mechanical calculations **verified by CIBSE's pioneering Software Verification Assessment** - A UK first, you can have confidence in the accuracy and efficacy of your calculation outcomes.



Stabicad's electrical calculations are powered by **ProDesign's robust calculation services** and BS 7671 compliant component databases, enabling you to quickly perform complex and compliant calculations that not only comply with the IET Wiring Regulations, but also the latest IEC International Standards.



## Increase your design efficiency

### With Stabicad's time-saving productivity tools

Eliminate the unnecessary steps of standard Revit functions and dramatically increase your design efficiency while creating usable mechanical and electrical outputs with Stabicad's time-saving productivity tools. Specifically created with UK designers in mind, this comprehensive toolset supports your design workflows and allows you to efficiently produce truly constructible, detailed 3D designs.

The **Nodesolver Tool** delivers rapid, accurate solutions to complex connection nodes. During drawing and clash detection, various options for connecting trays, pipes and ductwork are shown, saving you valuable time.

The **Circuit Management Tools** enable you to model technical installations more efficiently and accurately. It significantly improves Revit cable routing, enabling electrical designers to efficiently route compliant circuits with defined service type containment permissions, providing dedicated containment even when autorouting circuits.

With the **Openings Functionality** you can easily detect clashes between services and walls and generate openings to accurately resolve those clashes directly in the BIM model. The openings manager allows for single or multiple combined openings and provides a simple, automated workflow for all relevant project stakeholders.

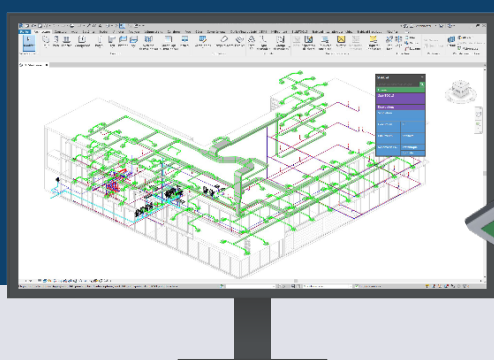
## Leverage high-quality, uniform content

### Access up-to-date MEP content directly within Stabicad

The right BIM content is indispensable if you want to reduce failure costs and improve your BIM workflow. With Stabicad, you can work with high-quality UK-specific content and relevant manufacturer data, directly within your model. Stabicad's standardised parametric content enables easy article, dimension and technical data management, highly accurate calculable outputs, and project formatting to widely used classification systems, such as IFC, ETIM or Omniclass.

The integrated MEPcontent browser provides access to more than 600,000 BIM articles directly within Stabicad. The user-friendly interface saves you time when searching for article information and the content is continuously enriched, expanded and kept up-to-date. All MEPcontent data follows the Extended MEPcontent Standard (EMCS) which has been created and continually developed with the aim of providing MEP engineers worldwide with high-quality and uniform BIM content.

You can design components that can seamlessly be switched from generic, to specific, to detailed and back again, meaning you can easily update your model in-line with the development phase as it progresses.



# Collaborate and communicate more efficiently

## With Trimble Connect Business Premium included

Share, manage, and access all your project data with the integrated cloud-based collaboration tool Trimble Connect. This open collaboration platform makes it possible to analyse, manage and share relevant and up-to-date project data from any location, at any time with any project stakeholder. This method of simple low-risk communication enables better decision-making and increases productivity in all project phases, from the initial design to multi-year facility maintenance.

- ▶ The latest up-to-date designs and drawings always at your fingertips, in the office and the field
- ▶ All project data is stored securely in the cloud and is always accessible via the web
- ▶ Project history is automatically saved for collaboration with transparency and traceability
- ▶ Effortlessly combine 2D designs and 3D models within a market-leading 3D environment



## Join over 10,000 Stabicad users

Stabicad users range from small MEP design and contracting companies to large global engineering practices.

A selection of UK customers include:



## Trimble MEP

Trimble MEP makes BIM a reality by delivering solutions that transform disconnected workflows between stakeholders into a coordinated, constructible and actionable building model. To ensure a building is constructed in the most efficient way, the Trimble Constructible Process goes beyond BIM by creating models that use actual manufacturer content, allow for prefabrication and full clash detection, connect stakeholders to coordinate in real-time and bring the model directly from the computer to the field.

## Interested?

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