

Trimble Electrical Designer 2D

Electrical Design and
Calculation Software

Fast, accurate and compliant electrical systems design made easy

Trimble Electrical Designer 2D provides electrical design engineers and contractors with a single, comprehensive 2D design and calculation solution. Users can rapidly produce real-world electrical system designs with BS 7671 compliant calculations and fully integrated manufacturer-approved component data. This powerful, engineer-friendly software also calculates in accordance with international and local standards in multiple European and Middle East regions.

Trimble Electrical Designer 2D provides total control from initial design to final completion, whether you're at home, onsite, or in the office.

Increase design speed

Effortlessly design electrical systems, visualise circuits in real-time, and quickly diagnose errors, all through an intuitive interface.

Reduce calculation errors

Be confident in the engineering outcomes throughout your teams, even across multiple locations. With a Trimble Electrical Designer 2D subscription, everyone is guaranteed to be using the same up-to-date calculations, content, and reports.

Deliver better outcomes

Calculate, explore multiple component variations, and export all relevant details to professional reports, ready for your clients in seconds.

Access reliable manufacturer content

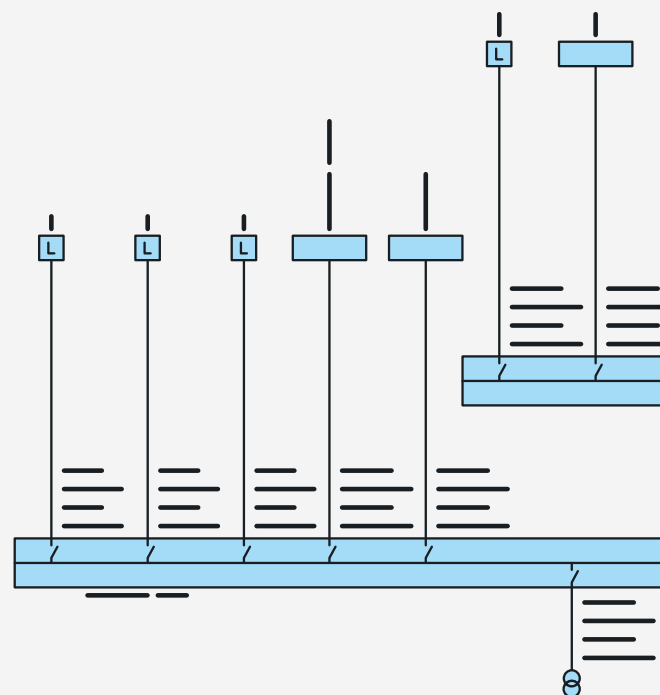
Find the latest manufacturer-approved data for protective devices, cables, and busbars – directly within the software. The content is managed by Trimble's Luckins so you can be sure you're designing with the most reliable data.

Work securely anywhere

Whether you're at home, onsite, or in the office, access your designs and engineering tools from anywhere with an internet connection.

Suitable for any project and budget

Available in tiered subscriptions, both standalone and within Stabicad's Electrical packages, ideal for any project size and budget.



The single, comprehensive 2D design and calculation solution

With Trimble Electrical Designer 2D's suite, you get everything you need to design and validate your Low Voltage projects. ProDesign, Protect, SingleCable and Pownet offer an easy-to-use interface with all the calculations and detailed options needed for in-depth design, engineering and reporting.



ProDesign

ProDesign allows users to quickly produce accurate single-line electrical designs compliant with BS 7671:2018+A2:2022 or International and European Standards and Regulations.



Protect

Establish optimal operating parameters for adjustable breakers. Protect will help prevent unnecessary tripping of breakers to ensure smooth operations without disruptions.



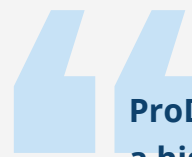
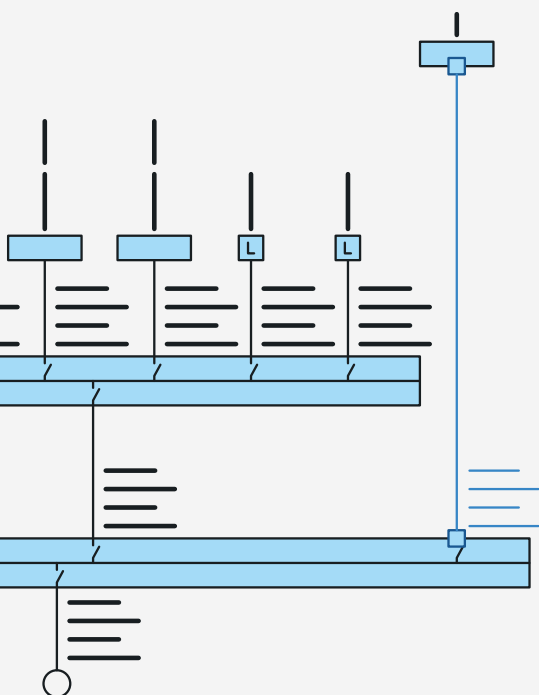
SingleCable

SingleCable is designed for quick single-circuit calculations. It's an easy-to-learn tool that saves time and generates user branded reports.



PowerNet

Easy-to-use short circuit analysis software facilitates rapid studies of both new and existing systems. PowerNet allows for the calculation of short circuit currents according to IEC 60909 and BS 7639 standards.



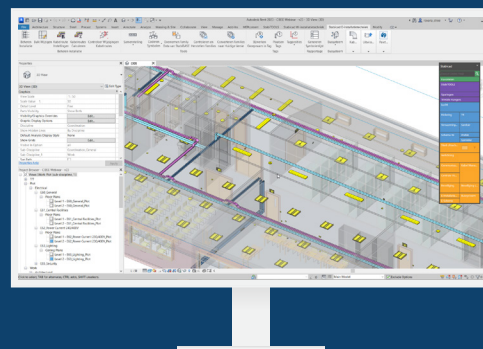
ProDesign provides us with a highly credible and widely recognised way of presenting our electrical designs and calculations. As a trusted electrical design platform, it gives customers and others involved in the project confidence in the design."

- Principal Engineer at EvoEnergy

Elevate your electrical design efficiency in Revit with Stabicad

Trimble Electrical Designer 2D is included within the Stabicad for Revit Electrical offering. Stabicad is a powerful BIM solution for M&E professionals that dramatically increases design and engineering efficiency, with CIBSE-verified calculations, up-to-date manufacturer content and a range of time-saving productivity tools, all accessed from within Revit.

ProDesign is seamlessly integrated into Stabicad, enabling the creation of precise and compliant electrical system designs directly in Revit. Users can also facilitate ongoing verification and QA work in 2D by simply exporting Stabicad's 3D electrical designs back into ProDesign.



Join over 10,000 Trimble Electrical Designer 2D users

Trimble Electrical Designer 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 improving construction processes with digital tools a reality by delivering solutions that transform disconnected workflows between stakeholders into coordinated, constructible and actionable building designs. To ensure buildings are constructed in the most efficient way, the Trimble Constructible Process goes beyond BIM by creating models that use approved manufacturer content, connect stakeholders to coordinate in real-time and bring calculated designs directly from the computer to the field.

Interested?

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