TED v22.0.36 Release Notes

Release Date: August 13, 2025

TRIMBLE ELECTRICAL DESIGNER v22.0.36

This document summarises the latest improvements, bug fixes and new features that are included in the latest version of the Trimble Electrical Designer Suite of products incorporating ProDesign, ProDesign 3D, Protect, SingleCable and PowerNet.

Do you have an idea how to make Trimble Electrical Designer better? Join us in shaping the future of our products by visiting the TED Idea portal to vote and submit your innovative ideas! https://ted.ideas.aha.io/
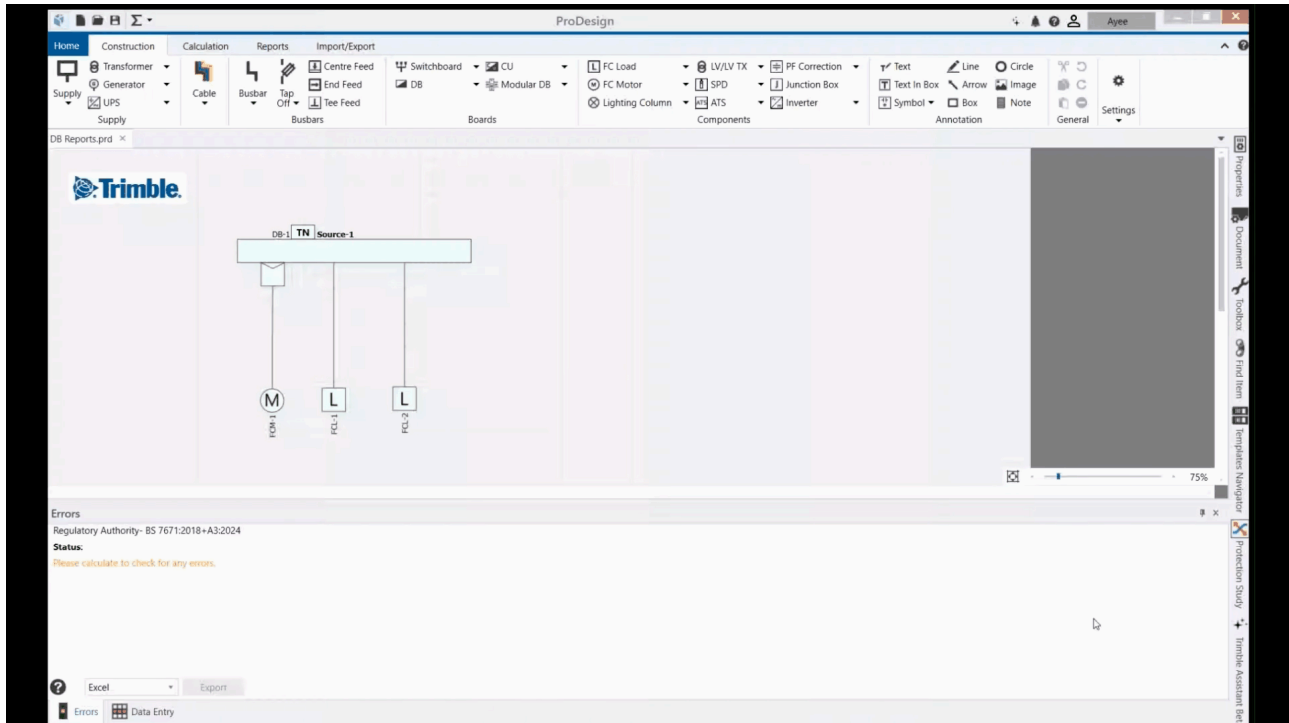
ProDesign

This release incorporates a number of behind-the-scenes performance, reliability and security

Improvements in addition to the following.

For more information on ProDesign, please go to:

https://mep.trimble.com/en-GB/products/prodesign.

Trimble Assistant is here!

Trimble Assistant has been added to ProDesign. This new feature improves user efficiency and productivity through quick access to information while providing personalized customer support and leveraging the Trimble Assistance AI technology.

Transparency Notice Regarding AI System Use - Trimble Assistant

We'd like to inform you that this service uses an AI-based system to support your experience and success with the service.

Provider: Trimble Inc., https://www.trimble.com/en/legal

Purpose: This AI system is designed to improve your user experience by answering your Trimble Electrical Designer product-related questions (Trimble Assistant).

How It Works: The assistant combines information retrieval from Trimble resources with a generative language model and it provides an answer to your questions (Trimble Assistant for ProDesign). It does not make any autonomous decisions.

Data Used: The system processes information such as your interaction with the service and content created by Trimble. All data is handled in accordance with our Privacy Notice.

Limitations: The AI system may not always suggest the most relevant answer or solution.

Resolved Bugs:

- [MEPEL-11875] Updated the Steel-Wire-Armour CPC calculations.
  - For SWA Cables in Parallel, where the CPC is set to Armour only, an increase in Z2 will be seen, as per the 0.3j (per unit length) as directed by the National Annex of TR50480 (and IET Guidance Note 6) indicating a 0.3j (per unit length) value is set for the circuit, and is not paralleled.

○ For SWA Cables (in Parallel or not), where the CPC is set to Armour + Separate, there will be a slight change in the Z2 value; due to a slight change in the method of calculating the Armour and Separate impedance in parallel.

- [MEPEL-11881] Resolved a bug where changing the phase for the circuit in the distribution board would alter the CPC configuration, causing it to change to a default setting.
- [MEPEL-11914] Resolved a bug where opening certain projects would generate an error message, "Error loading file," during the schematic tab loading process.

ProDesign 3D

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

To download ProDesign 3D, ensure you have a **TED 2D UK Pro+ license** and visit the

[Trimble community portal](#).

Resolved Bugs:

- [MEPEL-11617] Resolved a bug related to Circuit Management errors & warnings.
- [MEPEL-11875] Updated the Steel-Wire-Armour CPC calculations.
    ○ For SWA Cables in Parallel, where the CPC is set to Armour only, an increase in Z2 will be seen, as per the 0.3j (per unit length) as directed by the National Annex of TR50480 (and IET Guidance Note 6) indicating a 0.3j (per unit length) value is set for the circuit, and is not paralleled.
    ○ For SWA Cables (in Parallel or not), where the CPC is set to Armour + Separate, there will be a slight change in the Z2 value; due to a slight change in the method of calculating the Armour and Separate impedance in parallel.
- [MEPEL-11881] Resolved a bug where changing the phase for the circuit in the distribution board would alter the CPC configuration, causing it to change to a default setting.
- [MEPEL-11966] Resolved a bug where ProDesign 3D failed to load in Revit 2024 and 2023 due to version discrepancies in underlying components. Customers experiencing this issue are advised to upgrade to the latest version for improved compatibility.

SingleCable

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

For more information on SingleCable, please go to:

https://mep.trimble.com/en-GB/products/singlecable

Resolved Bugs:

- [MEPEL-11843] Resolved a bug where the voltage drop was incorrectly highlighted in red, despite being within the specified limit, when the circuit is configured with Cable Length in Fire.
- [MEPEL-11875] Updated the Steel-Wire-Armour CPC calculations.
  - For SWA Cables in Parallel, where the CPC is set to Armour only, an increase in Z2 will be seen, as per the 0.3j (per unit length) as directed by the National Annex of TR50480 (and IET Guidance Note 6) indicating a 0.3j (per unit length) value is set for the circuit, and is not paralleled.
  - For SWA Cables (in Parallel or not), where the CPC is set to Armour + Separate, there will be a slight change in the Z2 value; due to a slight change in the method of calculating the Armour and Separate impedance in parallel.
- [MEPEL-11881] Resolved a bug where changing the phase for the circuit in the distribution board would alter the CPC configuration, causing it to change to a default setting.

Protect

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

For more information on Protect, please go to:

https://mep.trimble.com/en-GB/products/protect.

Powernet

This release incorporates a number of behind-the-scenes performance, reliability and security improvements.

For more information on PowerNet, please go to:

https://mep.trimble.com/en-GB/products/powernet

Upgrade procedure

In order to upgrade your software to this new version, you need a Trimble ID as well as the Named User Licence. For further support, please see the following Technical Assistance section.

Software Update Notifications

The Trimble Electrical Designer suite of applications will notify you when an application update is available for download. You will be able to download the updates from the notification centre itself or from Trimble Downloads.

In case your software has received any calculation updates, you will be notified with a "Calculation Service Version Update" during the first instance of calculation.

Named User Licensing

All our products within the Trimble Electrical Designer Suite namely ProDesign, ProDesign 3D, SingleCable, Protect and PowerNet are now powered through named user licensing. This means that a user of our products must have a named user licence assigned to their own Trimble ID and each licence is meant to be used by a single user.

Please contact our support team if you have any questions regarding the licence management and accessing the product. For further support, please see the following Technical Assistance section.

Technical Assistance

Our Technical Support team uses a support tool which allows them to view and control users' machines remotely. This is only ever undertaken with the user's permission – and while being supervised by the user.

Our applications have a menu option link to the support web page containing details of this assistance should it be required. For more information, please contact our support team via Amtech-Support@Trimble.com or call +44 (0)1908 608833 and then choose Option 1.

UK Customer Portal

If you are a registered customer, please login to the Trimble Downloads for downloading the software and to access other related information. If you are not registered yet, please contact our support team as mentioned in the Technical Assistance section.