Release Notes

TRIMBLE ELECTRICAL DESIGNER 2D

This short document summarises the latest improvements, bug fixes and new features that are included in the latest version of the Trimble Electrical Designer 2D Suite of products incorporating ProDesign, Protect, SingleCable and PowerNet.

ProDesign

This release notes section describes the features and enhancements that are new in version 2022.0.1 of the ProDesign. For further support information, go to https://mep.trimble.com/en-GB/products/prodesign.

New features and changes

This latest version of ProDesign is presenting the following main features as online features to our users.

- Calculations
- Report Generation
- Data

This allows our customers to not worry about the pain of getting the software updates installed to get the calculation and data updates. Our users will always be using the latest possible calculations, reporting features and the manufacturer data. The users have to install the application updates only when there are any changes in the user interface.

Additionally, we are happy to announce that our ProDesign now is compliant with BS 7671:2018 Amendment 2 (BS 7671:2018+A2:2022) regulations.

- ProDesign users will now be able to upgrade their existing projects to new BS 7671:2018+A2:2022 regulations
- ProDesign allows users to perform calculations with either Amendment 1 or Amendment 2 regulations
- ProDesign reports will indicate RCD and AFDD requirements according to the BS 7671:2018 Amendment 2 requirements

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Other Improvements

- Custom report option now includes the following parameters:
    - Cable Energy Loss (W) - Design Current
    - Cable Energy Loss (W) - Fully Loaded
    - 80% Max Zs for Device Cmin (Ohms)
- Improved the consistency of protection option selection on distribution boards and consumer units.
- Close Coupled Connection of SPD on Consumer Unit, Switchboard, Distribution Board and Modular Board

Resolved Bugs

- [MEPEL-2797] - Fixed an issue with modular board settings window where connection was getting established between SPD/PFC and main incomer from different rails
- [MEPEL-6169] - Fixed an issue with final circuit motor settings with different starter positions
- [MEPEL-5894] - Improved the performance of cable type search and selection
- [MEPEL-6220] – Fixed the application instability issue while working with busbar components
- [MEPEL-1434] - Fixed an issue that was with diversified and connected load value calculations
- [MEPEL-4283] - Fixed an issue that resulted an error while importing older SC model
- [MEPEL-6168] - Fixed an issue that resulted in different Quick Results Value for Zs in different reports.
- [MEPEL-1442] - Resolved an issue with the consumer units picking up unwanted sections
- [MEPEL-6584] - Resolved the issue of incorrect page numbers being in displayed in cable calculation report
- [MEPEL-6043] - Resolved an issue that resulted in an incorrect error message regarding the earth fault disconnection limit.
- [MEPEL-6545] - Resolved an issue which fixed the appearance of conductor impedances.
- [MEPEL-3762] - Resolved an issue related to the overload setting (set max) for the right-hand interconnector device but there was no actual load on it
- [MEPEL-4036] - Fixed an issue which caused the appearance of a duplicate option in the manufacturers list
- [MEPEL-6324] - Fixed an issue where volt drop report does not show value when SPD was present in the circuit

- [MEPEL-2232] - Fixed an issue where the incomer position in Switchboard was not getting set in different sections
- [MEPEL-6328] - Fixed an issue that resulted in an incorrect error with tap-off circuits
- [MEPEL-3235] - Fixed an issue that resulted an error when calculating with 400 board project with the dutch version of the software
- [MEPEL-2738] - Fixed the stability issues identified with custom report templates
- [MEPEL-6349] - Fixed the issues with lighting column updates and distribution boards.
- [MEPEL-6686] - Resolved the inconsistency of opening the application which was present with ME Flex licences
- [MEPEL-6457] - Resolved the issue which was resulting in an inactive spacing option with grouping option
- [MEPEL-6182] - Resolved an issue that caused changing id values of components connected to a busbar when its size gets changed
- [MEPEL-2866] - Resolved a bug which resulted in an absence of change indicator
- [MEPEL-1564] - Resolved an issue that resulted in power factor correction unit not showing the option to select either TP or TPN within the unit
- [MEPEL-6410] - Resolved the issues which were resulting in incorrect display values of devices
- [MEPEL-6471] - Improved the NAPIT FastTest file import functionality to show appropriate error to the user in case of issues with importing

As part of our commitment to the ongoing evolution of ProDesign, we have also included a number of behind-the-scenes performance, reliability and security improvements.

Protect

This release notes section describes the features and enhancements that are new in version 2022.0.1 of the Protect. For further support information, go to
https://mep.trimble.com/en-GB/products/protect.

The latest version of Protect allows users to access the latest protective devices data as the data is now available online.

Resolved Bugs

[MEPEL-3351] - Resolved an issue where the inrush hatching and damage point was failing to move when the voltage was adjusted.

[MEPEL-4497] - Resolved an issue where the InRush graph and damage point were failing to move according to the voltage adjustments.

[MEPEL-2162] - Fixed the issue that resulted in an unexpected behaviour of annotation.

[MEPEL-6172] - Fixed the bug that was causing the intermittent crashing of Print option

SingleCable

This release notes section describes the features and enhancements that are new in version 2022.0.1 of the SingleCable. For further support information, go to https://mep.trimble.com/en-GB/products/singlecable.

Like ProDesign, the latest version of SingleCable is also presenting the following main features as online features to our users.

- Calculations
- Report Generation
- Data

This allows our customers to not worry about installing the latest calculation or data updates. This means that the users will always be using the latest possible calculations, reporting features and the manufacturer data.

Additionally, SingleCable also now supports BS 7671:2018 Amendment 2 (BS 7671:2018+A2:2022) regulations.

Moreover, this release incorporates a number of behind-the-scenes performance, reliability and security improvements and the following bug fixes.

Resolved Bugs:

- [MEPEL-6291] - Resolved an issue due to which Single Cable BS88 fuse was not being shown on report correctly.
- [MEPEL-6322] - Resolved a reporting error which resulted in incorrect information shown on the SingleCable Summary report.

PowerNet

We have revamped our PowerNet application to work with our latest named user licensing system.

For more information on PowerNet please visit our website:

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 ProDesign suite of applications will notify you when an application update is available for download.

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, Protect, SingleCable 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 01908608833 and then choose Option 1.

UK Customer Portal

If you are a registered customer, please login to the [Trimble community portal](#) 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.