Trimble
Software

Release Notes

ProDesign	2020.0.2
ProDesign 3D	2020.0.2
Protect	2020.0.2
Single Cable	2020.0.2
Powernet	2020.0.0
FastTest	2018.0.4

Trimble

We're here to help...

Receive the backing of a unique technical support service from a team of qualified engineers in the industry who understand your business and your specific needs.

If you don't already benefit from our technical support call us now on
0800 028 28 28 or visit mep.trimble.co.uk

Are you already a member?

If you have any queries please contact our PremierCare Support Team on 01908 608833 (selected option 1) or email amtech-support@trimble.com

Activation

To activate your software call 01908 608833.

Training

For information on all our training courses visit the training area of our website at mep.trimble.co.uk/training

Contents

System Requirements

These specifications refer to the minimum specifications across our range of software applications.

Computer (desktop or laptop)

Minimum PC and system requirements are:

- **Processor:** Intel Core i5 processor or better
- **RAM:** Minimum 8 GB
- **Hard Disk Space:** 20 GB free
- **Monitor:** 1366x768 or better (min 256 colours)
- **Network:** 1GB (wireless network connections may reduce performance)
- **Printer:** Must be on the Microsoft 'Hardware Compatibility List' and drivers fully updated
- Mouse
- Reliable Internet access will be required for some functionality

Minimum PC and system requirements for Trimble ProDesign 3D are as specified by AutoDesk REVIT

Operating Systems

The following operating systems (with latest updates applied) are supported:
- Microsoft Windows 8.1 (all editions excluding RT) or above (32 and 64 bit)
- Microsoft Windows 10, version 1607 and above (32- or 64-bit).
- Note: For ProDesign 3D users, please see also Revit system requirements (e.g. 64-bit operating system required)
- Microsoft Windows Server 2012 and above (FastTest network installation)

Prerequisites
- An NTFS file system must be used (not FAT32)
- Our software cannot be installed to a compressed drive
- Antivirus and firewall security software should be disabled prior to the installation
- The installation process is designed to run locally, not over a network

Installation

Desktop installation

See System Requirements for details of supported versions. You will need your licence number.
To install from a download:

· Ensure that you are a local machine administrator.
· Close all open applications, including virus checkers, if running, before starting the installation.
· Download the installer using the link provided. Save the file to your PC.
· Double click on the downloaded file to extract the installation files.
● Setup should start automatically.
● Setup will run. Follow on-screen instructions.

To install from a DVD (only supplied on request):
· Ensure that you are a local machine administrator.
· Close all open applications, including virus checkers, if running, before starting the installation.
· Insert the Trimble Software DVD in your disk drive.
· Setup should start automatically. Setup will run from the DVD. Follow on-screen instructions.

Concurrent Licence Users
Installation instructions can be found in the 'Installation Guides' folder on the installation DVD or information can be found at http://www.amtech.co.uk/support/documents.
A new licensing key may be required for your server.
Please contact our Activation Department 01908 608833 or amtech-licensing@trimble.com for further information.

Activating your software

Our software is sold as a single user, single installation licence unless otherwise specified in your licence agreement. The software may be installed and activated on a single computer. Multi- user licence agreements will allow the software to be installed and activated on a specified number of computers.
The software is protected and requires activation before unrestricted use. Before activation there will be full functionality but the message "DEMONSTRATION ONLY" will be printed on all documents.
You will receive reminders to activate the software. However, after
30 days the software must be activated.
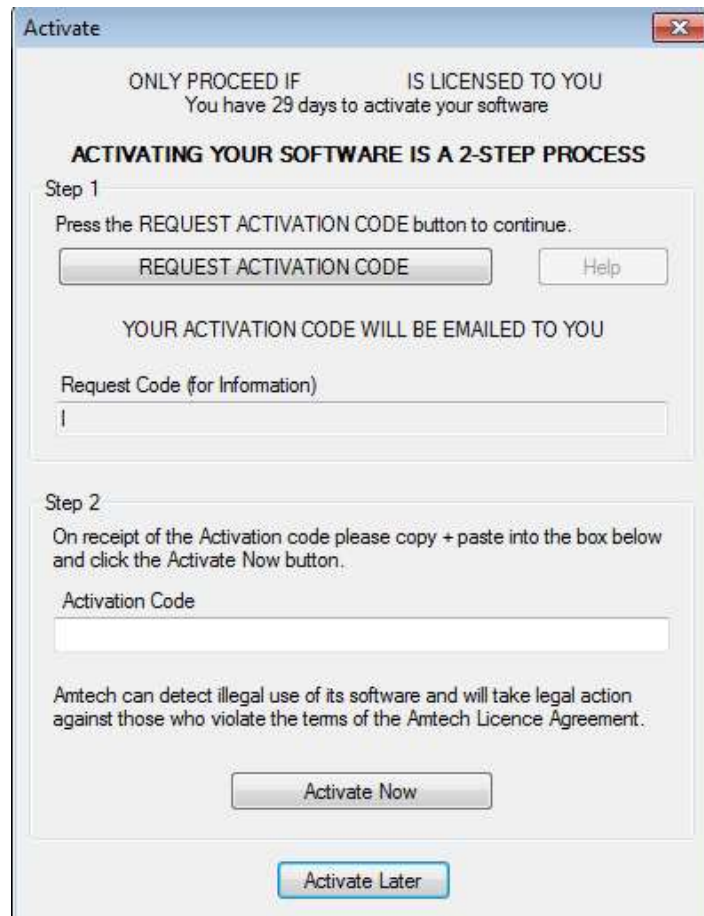
How do I activate my software?
Activating your new software is a two-step process
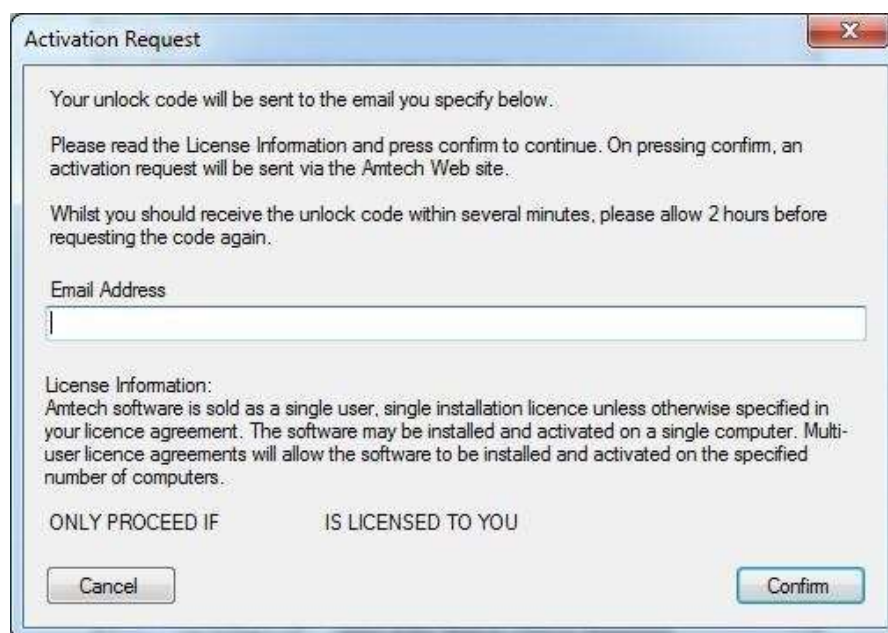**Step 1 - Send your 'Request Code'**
The preferred method of activation is to use the 'REQUEST ACTIVATION CODE' button which sends your 'Request Code' to us electronically. An email auto-responder will check to ensure that your company is the registered purchaser of the software and that there is a user licence available. The auto-responder operates 24 hours a day seven days per week, giving prompt response any time of day.

The Activate dialog box may appear at start-up and various other times indicating how many days you have left.

If the dialog box doesn't appear automatically then it can be accessed by going to the 'Support' menu and selecting 'Activate software'

Click on the 'REQUEST ACTIVATION CODE' button.

On pressing the 'Confirm' button an activation request will be sent via our website.
The email response will be sent to the address entered on the Activation Request dialog.

Users who are unable to activate electronically may call the

Activation Hotline on 01908 608833 (Monday to Friday 9am –
5pm).   A support representative will undertake the security checks manually and then, if appropriate, authorise and issue an Activation code

Please note: that manual activation process may take several minutes. We strongly suggest that you use the email method if possible as the process of dictating and recording a long code by phone is open to transcription errors.
Telephone calls are recorded to help prevent fraud.

Step 2 - Receive your 'Activation Code' and activate your software
Check your email inbox. If you have not received your activation code by email after a few minutes then check your email system's junk/spam inbox in case the message has been re- directed to there. When you receive your 'Activation code' you must enter this into the lower box. Use copy and paste functions if possible to eliminate transcription errors.
If you have received your activation code by phone enter it into the lower box. Be sure to type it accurately. The majority of the support problems relating to activation are due to incorrectly recorded or mistyped activation codes.

Then click on the 'Activate Now' button to complete the process.

Software Upgrade

This booklet is designed to outline the changes to your software. Further details can be found in the software help system and electronic manual. These can be accessed via the software 'Help' menu.

Automatic Updates

Our software can automatically check whether a suitable web update is available. If an update is available then the automatic update feature will offer to download and install it for you. Our Automatic Update feature is available in all desktop software products (i.e. non Mobile products). We recommend checking for updates as soon as you have installed your software. You can initiate an update check at any time this can be done for each product below;

> *FastTest*
> Selecting the 'Support' menu, selecting the 'Check for Updates' option and clicking on the 'Check Now' button.
> *ProDesign, Singlecable and Protect*
> Select the 'Home', then 'Support' menu, selecting the 'Check for Updates' option and clicking on the 'Check Now' button.
> *ProDesign 3D*
> Select the 'ProDesign 3D' ribbon in Revit, then 'Application Setttings' menu, then select the 'Check for Updates' option and clicking on the 'Check Now' button.

In order to be quickly informed of any appropriate web updates for your software in the future you should ensure that the 'Check for Updates' feature is always enabled.

The software allows separate updates of data and software giving customers the ability to have more frequent data updates.

Availability of Web Updates
In order to be able to receive a web update you must have:
- A current PremierCare agreement for the specific application
- Registered your software on our website
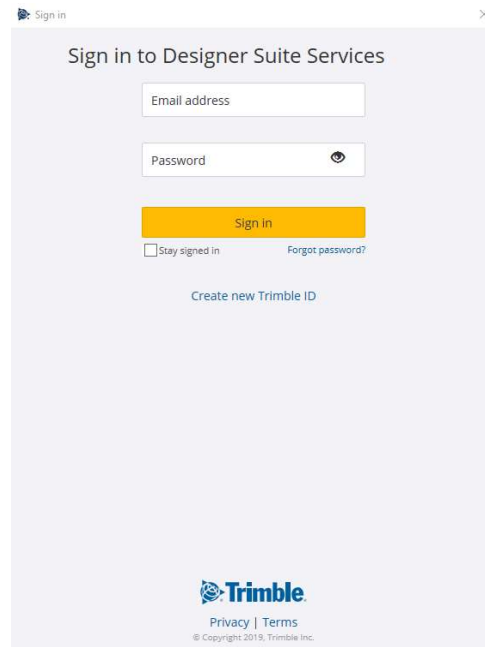- Internet access

Technical Assistance

Our Technical Support offers a support tool which allows Support Engineers to view and control users' machines remotely with their permission.
All our applications have a menu option link to the Support web page, which has a direct link to the Assistance login page.

Product Update

Create a Trimble Login ID

When you first open the ProDesign, SingleCable, Protect or ProDesign 3D software, you are prompted to sign into the Trimble Login Screen.

Enter your Trimble Login information as required, if you don't have an account yet select "Create new Trimble ID". Fill in your details and follow the instructions on this screen.

Note - Select the Stay signed in check box so next time you don' t have to sign in again.

Once you are signed in, note that your user name appears in the toolbar to confirm you are signed in. You will also have access to Trimble Connect if you have an account.

Log out
To log out of the Trimble ID, select your user name or the downward arrow as shown above. This displays your user email address and a Sign Out button. Click Sign Out.

Note - If you do not create an account, you will not be able to use our new Trimble Services.

What are Trimble Services?
ProDesign is moving towards being a cloud-based service application as is all our software. This is to help ensure that you have access to the latest updates of the software without needing to install a new version or patch for the software. If you don't want to want to use the new Trimble Services and instead want to use the local calculation, see Application Settings / Calculations in the help file.

Trimble ProDesign and ProDesign 3D (Version 2020.0.2)

Introduction

It is the UK's leading electrical design software providing full electrical design and calculations to BS 7671.

ProDesign and ProDesign 3D is a powerful, engineer-friendly software that is ideal for projects of all sizes, from houses to airports. ProDesign's many design options provide total control from initial design through commissioning, right up to final completion.

Key Update with this release

ProDesign now offers support for Busbar T pieces. For more information please see the ProDesign help file.

ProDesign 3D is now compatible with Revit 2021, with this update we are now able to better support single phase boards in Revit as well as supporting Revit 2021 update to the circuit name based on UK requirements.

Additional Updates

For a summary of all the updates made to ProDesign 2020, please see the list below.

Type	Summary
Improvements	• Added Information box related to Parallel supplies for value for fault conditions • Improved the Lighting columns internal load calculation • Improved the Board Schedule to display isolator switch information on reports
Bug	• Resolved RCD report issue if only RCD was applied to circuit. • Resolved Earth Fault Adiabatic Error sometimes not being displayed • Improvements made to CPC display result • RCD is not added to the Load on the section • Improved lighting columns related reports for CPD • Improved Motor Start URL link • Resolved a crash with fix design • Improved the export feature for modular board to FastTest • Improved the Breaking Capacity checks • Update to Exporting ME Schedule • Resolved the labels in cable analysis page footer been hidden • Resolved an issue in ProDesign 3D regarding the cable length displayed in the Voltage drop tab when a modular board is used. • Updates made to Back-up Protection when it is active and not active
New features	• Now compatible with Revit 2021 • Support for Busbar T pieces

	• Report Service can be run via the cloud or on the local machine

Some of these changes can be seen by visiting our website: http://mep.trimble.co.uk/prodesign

Protect (Version 2020.0.2)

Protect is so easy to use, you don't need to be a protection expert to use it. The software contains a database with data on thousands of protective devices. This is data direct from, and approved by, leading manufacturers so you can be confident in its accuracy. This is particularly important as so many adjustable breakers are being used these days – it is essential to get these set correctly at the outset. Nobody wants to revisit jobs to sort out nuisance tripping that could so easily have been avoided at the design stage.

Protect also, allows you to use the new Trimble ID, for more information on this see Trimble ProDesign 2020

For more information on Protect please visit our website:
http://mep.trimble.co.uk/protect

Single Cable (Version 2020.0.2)

SingleCable is a cable calculation software that is extremely simple to use and provides results in seconds, whether the cable is a sub-main feeder or final circuit. Once calculated, the program also enables you to look at the results for the next cable size larger or smaller, and the same facility is available for the protective device. This is most useful for looking at 'what if' situations, a luxury not available when doing calculations manually.

SingleCable also allows you to use the new cloud services for the calculation, for more information on this see Trimble ProDesign 2020.

For more information on SingleCable please visit our website:
http://mep.trimble.co.uk/singlecable

PowerNet (Version 2020.0.0)

A powerful graphical short circuit analysis program for the calculation of short circuit currents to IEC 60909 and BS 7639. PowerNet deals with fault currents in both High and Low Voltage distribution systems. Quick and easy to use it enables studies to be carried out cost effectively on new and existing systems.

No changes have been implemented to this software.

For more information on PowerNet please visit our website:
http://mep.trimble.co.uk/powernet

FastTest (Patch 4)

FastTest is an Inspection and Testing electrical certification software solution. That is very easy to use, the certificates on screen are exactly like the paper ones on your desk, simply fill in the certificate on screen and print it out.

For a summary of all the updates made to FastTest, please see the list below.

Issue Type	Summary
Update	**Emergency Lighting Certificate and ELIT update** Updated the Emergency lighting certificate and ELIT to include additional fields to the facilities field to align with 5266-1.
Updates	**Domestic Fire Certificate Updated** Updated the domestic fire UI and Reports to align with BS5839-6:2019 **Please Note the following about your fire certificate** That all existing Master Fire certificates will print the previous regulation year version of the Fire Certificate, that the Certificate was generated in but the UI I will show the New Regulation numbers. All draft Fire Certificates will show the New UI and also printed these certificates with the new regulation numbers. Once Mastered the certificate will show the new Regulation year.
Updates	**Fire Certificate Updated** Updated the some of the fire certificate UI to align with the latest fire regulation. **Please Note the following about your fire certificate** Please note that all existing Master Fire certificate will print the previous regulation year version of the Fire Certificate, that the Certificate was generated in but the UI I will show the New Regulation numbers. All draft Fire Certificates will show the New UI and also printed these certificates with the new regulation numbers. Once Mastered the certificate will show the new Regulation year.
Improvement	**Improved the Amtech Standard (AS) Domestic Electrical Installation Certificate** Improvements have been made to the AS Domestic Electrical Installation Certificate for identifying if RCD and AFDD Test Button Operation was N/A.
Improvement	**Improved the Wiring code to several Certificate** Improved the Wiring code table for cable to align with BS7671: 18th Edition for the following certificates ● AS-EICR ● BS-EICR ● AS-EI ● BS-EI
Improvement	**Security protocol improved to SQL database** Improvements have been made to the security protocol control for the SQL to make them even more secure that previously.

For more information on FastTest please visit our website:
http://mep.trimble.co.uk

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