



EPLAN

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Free Yourself From Manual CAD Drawings





Free yourself from manual CAD drawings

Your smooth transition from CAD to EPLAN

Overview

Traditional CAD software has its time and place. But when it comes to the creation of electrical schematics, which can be hundreds of pages long and must be accurate, standardised and quick to produce, it simply cannot hold its own.

As technologies continue to evolve rapidly it has become evident that earlier CAD programs were only created to solve the purpose of draftsmen or mechanical engineers. As a result, many companies who are involved with electrical design are now turning to alternatives for a more suitable and enhanced platform that will support their goals and objectives.

Traditional CAD packages are suitable if you want to produce 2D and 3D drawings of mechanical components, and they will save you a lot of time compared with producing similar drawings by traditional methods. You can draw almost anything with a good CAD system, including basic electrical schematics.

So if you've never used a dedicated ECAD solution, such as EPLAN, you may well be convinced that your current software is all that you need. And that's true if you don't mind missing out on a whole range of benefits that can hugely improve productivity and profitability.

It's no secret that despite the huge benefits that accompany a new electrical design system, companies perceive that the transition process is lengthy and confusing. At EPLAN, we aim to make your journey to intelligent, smart designs as simple and quick as possible.

In this guide we take a look at the reasons for switching from your current software, the benefits that will accompany the transition to a dedicated ECAD solution, and how EPLAN can help you overcome any concerns you may have.





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Why are electrical design engineers moving away from manual CAD software?

There are many reasons that companies invest in their design process and move to a more streamlined platform like EPLAN; some concern the business as a whole, others related to the functionality of the software and others may involve resourcing and talent.



Budget reductions

To improve project profitability, the team must work as efficiently as possible. This means eliminating errors which may cause costly last minute changes.



Pressure for shorter design cycles

Designs need to be correct the first time to ensure that projects are delivered on time and that customers remain happy.



Need for new talent

Attracting new talent requires companies to adopt the latest technologies and best working practices. Using an advanced platform such as EPLAN also allows lesser skilled workers to learn faster, as they spend less time performing repetitive manual tasks. This will help address the skills gap.



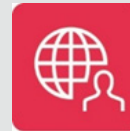
Inefficient workflows

As products and designs continue to become more complex, tedious and ineffective workflows will only become more apparent. This refers to the workflows of an individual designer, workflows within the engineering team, and/or other departments within the business.



CAD capability no longer fits with corporate goals

It's critical that design software continues to evolve to support new technologies, so that engineers can keep up with demand and wider trends in industry. This ensures that the company remains competitive and aligned to customer requirements.



Pressure from project stakeholders

Business ecosystems now have more influence than ever before. It's crucial, then, that all project stakeholders are able to bring all engineering data together in one project which is easily accessible.

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Six reasons to switch to EPLAN

1	2	3	4
Significant Time Savings	Productivity Increase	Quality Assurance	Project Management
<p>With EPLAN software, you can save valuable time thanks to auto-connecting features that allow instant connection of symbols, automatic report generation for terminals and wire lists and functions like Search and Replace and Edit a Group to make data editing. The entire job can be completed in less time, and better work life balance.</p>	<p>With EPLAN software, you can work at the cutting edge of technology. You are in the future. A continuous flow of research and development ensures that EPLAN stays the light leader in electrical engineering. We partner actively with technology and stay ahead of other CAD software to put electrical engineers at the forefront of every development process.</p>	<p>With EPLAN software, you can ensure high quality and accurate component catalogues from prestigious component manufacturers. This eliminates the need for 2D files and reduces human error up to 10 times per month, resulting in less waste. There are 400 manufacturers and more than 1,000,000 data sets available in the EPLAN Data Portal.</p>	<p>With EPLAN software, you can connect with software solutions from every engineering discipline, collaborate with all project stakeholders, and create a standardized database that is automated throughout the engineering process. This ensures that digital data flows seamlessly from one solution to another and is better structured at every step, making your work more efficient.</p>
5	6	7	8
Always ready for the future	Efficient and Precise	Collaboration	Integration
<p>With EPLAN software, you always stay at the cutting edge of technology. You are in the future. A continuous flow of research and development ensures that EPLAN stays the light leader in electrical engineering. We partner actively with technology and stay ahead of other CAD software to put electrical engineers at the forefront of every development process.</p>	<p>With EPLAN software, you can ensure high quality and accurate component catalogues from prestigious component manufacturers. This eliminates the need for 2D files and reduces human error up to 10 times per month, resulting in less waste. There are 400 manufacturers and more than 1,000,000 data sets available in the EPLAN Data Portal.</p>	<p>With EPLAN software, you can connect with software solutions from every engineering discipline, collaborate with all project stakeholders, and create a standardized database that is automated throughout the engineering process. This ensures that digital data flows seamlessly from one solution to another and is better structured at every step, making your work more efficient.</p>	<p>With EPLAN software, you can connect with software solutions from every engineering discipline, collaborate with all project stakeholders, and create a standardized database that is automated throughout the engineering process. This ensures that digital data flows seamlessly from one solution to another and is better structured at every step, making your work more efficient.</p>



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