eCADSTAR™
BEYOND ENGINEERING

eCADSTAR eliminates design constraints for progressive global energy company

ea technology

EA Technology, headquartered in Chester, is recognised globally as a leader in their field; enhancing the performance of power networks and providing clients with tailored asset management solutions. After a cost-effective upgrade to their PCB design software, the result provided their PCB engineers with an improved high-speed design platform with limitless possibilities.

EA Technology, an independent provider of end-to-end power engineering solutions, has a ground-breaking mission. To improve the networks globally to accelerate the transition to energy de-carbonisation.

Already a world-leader in the services they offer and the products they produce, EA Technology continues to find ways to improve their processes, their operations and their efficiencies. By embracing change and driving innovation they are rewarded with the opportunities that this brings. These rewards are passed on to their customers, our societies and the environment.

Future-proofing design capabilities

Looking to upgrade their design software they approached Quadra to move to eCADSTAR. The forward-thinking company recognised the benefits of this upgrade as the products being designed by their PCB engineers were becoming more complex.

"eCADSTAR helps us generate reports quicker and easier, providing us with more comprehensive manufacturing checks, enabling us to ensure we Design for Manufacture efficiently."

Graham Poll, CAD Consultant

Find out how eCADSTAR could improve your design process.
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qs. quadra solutions

Connected Collaboration

Quadra Solutions Ltd are the sole supplier of eCADSTAR PCB design software for the UK, Scandinavia and Benelux and fully supported EA Technology's transition.

To make sure that EA Technology is making the most out of this platform, an experienced eCADSTAR trainer from Quadra visited their head office to deliver support and guidance to eight of their PCB design engineers. Quadra's knowledge of the PCB industry is unrivalled, and they pride themselves in the flexible service they extend to all of their customers.

Electronic Design Automation meets internet connectivity

EA Technology is able to benefit from eCADSTAR's high speed automated and assistive functionalities in an easy to use environment such as PCB Design Editor, Library Editor and Schematics Editor. This innovative internet-connected PCB design platform combines all the power of EDA software with the flexibility of the internet.

"Our engineers were impressed with the new look and feel to eCADSTAR. The library search is a real strength of the software. It will help limit the amount of time spent searching for parts and help streamline our workflows. The ongoing technical support was also a major decision-making factor. By having access to a vastly experienced technical support team available whenever required, helps our team move forward quickly and efficiently whilst getting to grips with a new tool," said Graham.

"The training delivered by Quadra was really engaging and it was both enjoyable and enlightening. I feel confident that my newly gained eCADSTAR knowledge will help me deliver projects more efficiently moving forward."

Sam Russell, PCB Designer at EA Technology

People | Knowledge | Innovation

"Being able to access the libraries with such ease gives more time to create and check our designs. This helps us to limit the amount of changes and amends that are required further downstream in the design process."

Investing for the Future

For EA Technology to fulfil its mission to promote the development of resilient, accessible, low-cost energy networks to achieve full de-carbonisation, investing in technology and its workforce is key.

eCADSTAR delivers many technological enhancements, which include a powerful schematics editor and enhanced Signal Integrity analysis (SI) which are helping EA Technology make their design work easier and more intuitive. The PCB engineers are really impressed that they can now switch seamlessly between 2D and 3D natively within the eCADSTAR design environment with the option of working in both simultaneously.

Supporting values and goals

EA Technology acknowledges that the upgrade to eCADSTAR was the right move as it fully supports their business objectives, has increased their engagement, is more cost effective, saves time, and will enable them to fulfil more of their exciting plans currently in development.

Supercharge your PCB Design Power

To find out how your organisation could benefit from eCADSTAR's functionalities and Quadra's unique package of training and support, contact us at ecadstar@quadrasol.co.uk.

quadra solutions