

ELECTRIX

ELECTRICAL ENGINEERING TRANSFORMED

ELECTRIX

the new electrical CAD software from WSCAD

Everyone dealing with electrical energy and control technology knows that nothing works without electrical engineering! Whether you work as a division manager, engineer or designer, our modular ELECTRIX software is the right choice for you.

New Design Engine (Editor)

ELECTRIX has a modern and intuitive user interface. The Design Engine - the part of the program in which you design and display your plant, schematic or cabinet - has been re-designed from scratch. This puts us in pole position and ready to tackle new challenges. A new & improved Design Engine makes engineering more intuitive and supports the user during his work. This makes it easier to use the software and increases efficiency, especially for users who only work with ELECTRIX occasionally. The improved support for graphics cards gives you increased performance. The GPU additionally accelerates the program and thus offers more performance for modern multi-screen workstations with their high-resolution display.

2.1 million electrical components data

WSCAD ELECTRIX comes with many symbols and parts data. Precisely 2.1 million data sets from more than 400 manufacturers in WSCAD, EDZ* and 3D-Step format can be found online at wscaduniverse.com. eCI@ss-ready, always up-to-date and, above all, free of charge - including a new user interface, lightning-fast search algorithm and easy import. The product listing is free of charge for manufacturers - one of the reasons why wscaduniverse.com has become the world's largest electrical CAD database in just a few years. If you need your own components data, it can be created fast and easily. If you don't have the time, our specialists will be happy to do it for you.

The right product for every challenge

With six disciplines, ELECTRIX offers the broad functional scope needed in today's engineering world: single line overviews and all pole circuit diagrams, control cabinet design, installation technology, P&ID, fluid as well as building and room automation complement each other to form a comprehensive engineering platform. Throughout the entire project, ELECTRIX offers the right functionality to process orders quickly and with high quality on a common data basis.

The six engineering disciplines can be combined in different configuration levels, to offer you a cost-effective tool with the right functionality. We are also flexible in financial terms: buy or rent the software. We offer the model that is right for your business.

Reach your goal faster

In combination with its intuitive usability and functionality ELECTRIX offers optimal workflows that accelerate your engineering. Data management through the built-in managers and project evaluation are designed for high performance, so that even large projects are handled fast and easily. Multilingual documentation is easily done with the integrated translation function. With WSCAD software, you can reach your goal faster!



more than
40,000
customers

more than
30 years
of ongoing market success

in over
100 countries
WSCAD Software is used

Automation

With ELECTRIX, you can automate recurring processes and routine tasks. Design templates optimize quality, save time and create a uniform standard throughout the company. The complete documentation can be generated automatically at the push of a button. By connecting product configurators to ELECTRIX, the engineering design becomes a background process that doesn't require a specialist. All schematics can be generated automatically in any language. The duration of design processes can thus be reduced from days to just a few minutes.

Digitization and integration

Because consistent data is a company's capital, we help you create digital twins and digitize your engineering data in ELECTRIX. The WSCAD solution has interfaces to other electrical CAD applications, to IT systems and to manufacturing machines. Data can be automatically transferred between systems. Interfacing to all major PLM and ERP systems guarantees a high level of transparency throughout the entire engineering project process. It is indispensable for the digitalization. With ELECTRIX you can generate machine-readable data for manufacturing, to integrate label printers, NC centers or wire-cutting machines. This is how you build control cabinets of the highest quality.

Modular, scalable and flexible

Whether you need more functionality or additional licenses, the WSCAD solution is modular and scalable. It grows along with your needs and without any data interruptions. To do this, simply activate the product key sent to you and you can start immediately. Due to the stringent and clearly thought-out structure of the software, individual enhancements are possible. Tell us what you need, and we will find a way to integrate your requirements.

Augmented Reality App

A highlight of the WSCAD software are the Augmented Reality Apps: With the Cabinet AR App, maintenance or service technicians scan field devices and components in the control cabinet via smartphone and have immediate access to the wiring schematic, including reference identifier, 3D views of the components, complete part data and original data sheets from the manufacturers. Manufacturing personnel can use the app to mark wired connections in the control cabinet and save the current status. An evaluation ensures that no connection has been forgotten at any time. With the Building AR app, you scan the building geometry and generate floor plans. You then transfer these to ELECTRIX and create the installation and distribution plans. Both apps can be downloaded free of charge from the Apple App Store and Google Play.

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