

Press release

WSCAD at SPS 2019 in Nuremberg

26.11.2019

Electrical engineering for digital transformation

Bergkirchen. WSCAD GmbH is to exhibit the first functions from the next version of its electrical CAD solution at this year's SPS to be held from 26 to 28 November in Nuremberg. The focus will be on the automation of routine tasks, the seamless networking of process stages and the integration of the WSCAD SUITE in the development environment and in the company's IT infrastructure. The goal: quick tools with a convenient user interface to counteract the time and cost pressures in electrical engineering and significantly improve the quality of electrical design in mechanical and plant engineering as well as building automation at the same time.

WSCAD SUITE X PLUS also has a new Editor which reads and writes native and thus 100% compatible with DXF and DWG data besides WSCAD format. If plans are available in these formats, the previous conversion and the associated time-consuming importing and exporting of data will no longer be necessary. This will save an enormous amount of time, especially in the case of large drawings with many hundreds of thousands of elements: all you have to do is open the drawing, edit it and save it.

With the new WSCAD Building AR app, building engineers, electricians and electrical planners can scan rooms using a mobile device. Precise electronic floor plans are then immediately available in WSCAD SUITE X PLUS for the further planning of the building technology and electrical installations. This saves a great deal of time, avoids errors and improves planning quality. The previous Augmented Reality app for wiring and maintenance has been renamed "Cabinet AR". Both apps form part of the WSCAD SUITE and are available free of charge from the Apple App Store and Google Play. Cloud storage options have also been expanded: besides Microsoft OneDrive and Dropbox, Google Drive and Apple iCloud are also now supported as possible storage locations for plans and documents created using the WSCAD SUITE.

Online parts database continues to grow

With more than 1.4 million datasets and currently 287 manufacturers, the world's most powerful electrical CAD data library wscaduniverse.com continues to grow steadily. Along with the set electrical components, it also includes datasets in WSCAD and Eplan*-EDZ as well as in native CAD formats such as the widespread standard STEP, for example. The version 2 of wscaduniverse.com has a faster search engine along with the underlying revised database which is up to ten times faster than the previous version and compatible with the ISO/IEC-compliant data standard eCl@ss. With immediate effect, complete equipment catalogues or project parts lists can be simply forwarded or adopted into electrical planning. Media discontinuity between machine builders and cabinet engineers is now a thing of the past.

The numerous interfaces to PLM and ERP systems as well as to other automation suppliers optimise work processes, avoiding work repetition, data disruption and unnecessary time spent on troubleshooting later on. The new interfaces already available include, for example, the Siemens TIA-Portal (programming of the controller), M-Print PRO from Weidmüller (label texts) and PROJECT complete from Phoenix Contact (editing of terminal strips).

"The time and cost pressures in electrical engineering require an intelligent electrical CAD solution and consistent optimisation of the process chain" says Axel Zein, CEO of WSCAD GmbH. "Efficient engineering processes with complete product data and comprehensive interfaces are major success factors here."

Integrated electrical engineering

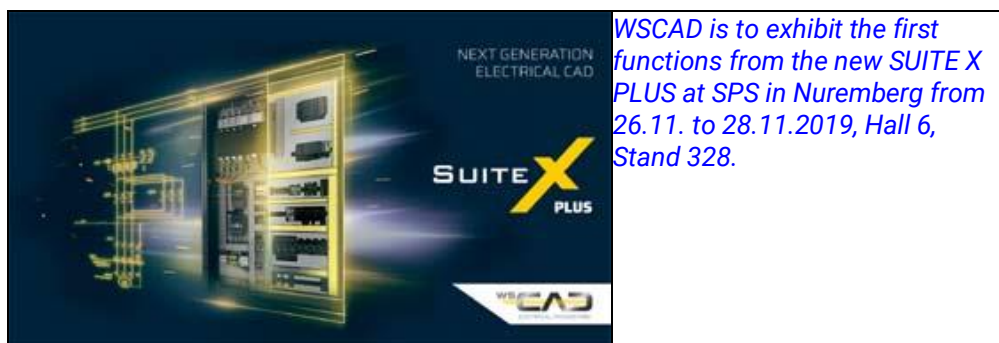
Besides the functional innovations, the main objective of WSCAD's electrical CAD solution is the systematic interconnection of all process stages in electrical engineering. The solutions exhibited on the stand focus on lean, time-optimised processes which companies implement with the help of intelligent, integrated electrical engineering. No multiple inputs, a common database and a uniform user interface throughout the process chain significantly reduce engineering times. Other benefits include error-free plans and precise cabinet designs, less complex machinery, plant and building installations as well as interdisciplinary work within the six disciplines of electrical engineering, cabinet engineering, fluid engineering, piping & instrumentation diagrams, building automation and electrical installation. Numerous automated processes relieve the workload of engineers and provide both occasional users and power users with the professional support they need.

"Taken together, these are the aspects which will enable our customers to compete and guarantee their survival in these times which are changing faster than ever before", says Axel Zein. "We wish to cordially invite everyone to visit our stand and see for themselves the possibilities and performance of our electrical engineering solution which is also reasonably priced".

WSCAD at SPS, Hall 6, Stand 328, 26-28.11.2019

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Images:





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About WSCAD

WSCAD is part of the Buhl group with more than 700 employees. WSCAD has been developing electrical CAD solutions since three decades. Customers include medium-sized companies, international corporations and engineering service providers. More than 35,000 users rely on WSCAD SUITE as their electrical CAD solution. The software is based on one core platform that covers six engineering disciplines: Electrical Engineering, Cabinet Engineering, Piping and Instrumentation, Fluid Engineering, Building Automation and Electrical Installation. Any change made to a component in one discipline immediately reflects in all the other disciplines. WSCAD methodologies for standardization, reuse and automation significantly reduce engineering time from several weeks to just a few hours or even minutes. At the same time, these practices also ensure a much higher quality of work.

wscaduniverse.com is by far the largest electrical CAD data library on the market offering over 1.4 million parts from more than 280 manufacturers. It is the only digital library that supports both WSCAD and Eplan* users alike as well as 3D CAD data. Use and provision is free of charge for all users and manufacturers of components and equipment. Maintenance engineers and service personnel are now able to scan devices and components within a control cabinet by using the WSCAD Cabinet AR App on their smartphones or tablets. This provides them instant access to the schematics, device tags, part data, 3D views and even the original data sheets from the manufacturers.

The WSCAD portfolio is completed by eleven seamlessly integrated service offerings from WSCAD Global Business Services such as: engineering and migration checkups, consulting and training, digitization of paper documents and conversion of third-party electrical CAD formats.

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