

## Press release

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### **WSCAD SUITE X PLUS is now available**

Bergkirchen. WSCAD is thrilled to announce the launch of the new SUITE X PLUS! It is available from 6 July 2020 with three upgrade levels – Compact, Professional and Ultimate. The SUITE X PLUS is designed to help building automation companies and electrical designers to perform their tasks within the disciplines of building automation, electrical installation, electrical engineering, piping and instrumentation and fluid engineering as well as cabinet design.

*“SUITE X PLUS is our most powerful Electrical CAD software with modern technologies such as augmented reality, multi threading and automation. It has numerous new functions, is significantly faster with better quality and can be individually adapted to the requirements of the user”, Axel Zein, CEO WSCAD GmbH, is pleased to announce. “This electrical CAD system is exactly what our users have been waiting for.”*



*The new WSCAD SUITE X PLUS is even faster and easier to operate and available with as rental or purchase at very attractive prices. It is also optimised for building automation.*

#### **The new and improved features include:**

**Speed and performance:** According to a survey of electrical CAD users, speed is rated as one of the top three most important features. Hence the speed of the WSCAD Electrical CAD solution has been increased considerably through parallel processing (multi threading) and further code optimisations. Projects with more than 1000 pages are opened quickly, a PLC is created in no time at all and terminal management is super fast. The speed with which a complete set of documentation can be produced is more than ten times faster than in previous versions.

**Improved usability:** Along with the optimised menu structure for faster working, a new and convenient way of using symbol rotation variants will save a lot of time. The use of path variables enables flexible configuration of the data export process. Wire names for labelling wires can be created individually based on the user's own requirements. Cables are managed consistently across all trades – regardless of whether they are on a schematic diagram or a cabinet design or for use in building automation or electrical installation.

**Optimised for building automation:** As a complete Electrical CAD solution, WSCAD SUITE X PLUS combines building automation as well as machinery and plant engineering on one single platform – without any data interruptions. The new features in the Building Automation discipline include the automatic generation of automation diagrams and electrical schematics, the assignment of existing data points to controllers, the new data point key plugin BKS\_13 and the expansion of the user-defined plugin BKS\_Open to include the automated creation of function texts and part data from data point keys. All in all, these will save building automation companies a great deal of time and improve the quality of their design documents at the same time.

**Modular, scalable and flexible – to rent or purchase:** Just as the range of functions required and the number of workstations can change, the WSCAD solution can be expanded in line with user requirements and without any data interruptions. Simply activate the product key provided and start using the new feature straight away. The previous purchased license is now supplemented by a new rental option: short-term rental to cover any temporary requirement and enable peak demands to be met and long-term rental to enable cost-effective use of WSCAD SUITE X PLUS, without putting a strain on your finances. Besides the classic single-user license, a network license is also available if there is a requirement for using a laptop on a construction site or at home, for example.

### **A wide range of functions at a fair price**

**Modern augmented reality apps for fast information:** WSCAD SUITE X PLUS includes two augmented reality apps. The Cabinet AR App enables maintenance engineers and service technicians to scan field devices and control cabinet components using their smartphone or tablet to gain immediate access to all up-to-date designs, including reference names, 3D views of components, complete part data and manufacturers' original data sheets. As a result, the availability of a component can be established in real time. Within the production, installers can wire and mark connections and save the current state. A report will always ensure that nothing has been forgotten. The Building AR App can help building planners produce building inventories. Rooms, including doors and windows, can be scanned and saved as a DXF file for further processing later on in WSCAD SUITE X PLUS. This can be a major benefit if modifications are being made to existing buildings and the relevant documentation is not available or incorrect.

**High automation in electrical design:** WSCAD SUITE X PLUS enables recurring processes and routine tasks to be automated so that engineers and designers can make the best possible use of their time. Macros and variants not only save time but also create a company-wide uniform standard. Using these templates, whole plans can be generated automatically at the touch of a button. Product configuration tools take care of the creation of the plans from start to finish, without any interaction with the electrical designer. As a result, design processes now take a matter of minutes rather than weeks.

**Various interfaces** enable seamless integration in the IT and development environment. These include the PLM/ERP connection and interfaces with the SIEMENS TIA Portal V1.0 and V1.1 for the configuration of PLC modules, for example. Phoenix Contact's PROJECT complete and WAGO's smartDESIGNER are intended to help with the configuring or labelling of terminals while M-Print PRO from Weidmüller is for labelling texts. The data produced can be used immediately on production machinery and automatic drilling machines, as for example nVent/Steinhauer, Komax and Rittal/Kiesling cable assembly systems or for the delivery of CadCabel ready-made cable bundles. All with no additional software or licensing costs.



**Easy to use and high functionality at a fair price:** 55 percent of all electrical CAD users consider ease of operation to be by far the most important feature when choosing software. Despite having an extensive range of functions, the WSCAD software is intuitive and easy to use and up to 60 percent more affordable than most of the other solutions on the market. A cost benefit that is reflected in annual maintenance costs as well as in lower training and administrative expenses.

*“SUITE X PLUS has brought us closer than ever before to realising our goal of offering a fast tool with a intuitive user interface and seamless integration into our customers’ IT and engineering environment”, says Axel Zein. “This will help our users to alleviate the pressures of time and cost and significantly improve the quality of their electrical designs for machinery and plant engineering as well as building automation and electrical installation.”*

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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 saving time and raising quality. 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](http://wscaduniverse.com) is by far the largest electrical CAD data library on the market offering over 1.4 million parts from more than 300 manufacturers. It is the only digital library that supports both WSCAD and Eplan\* users alike as well as 3D CAD data. Use and data provisioning is free of charge for all users and manufacturers of components and equipment. WSCAD also offers apps for mobile devices: maintenance engineers and service personnel are now able to scan components within the control cabinet by using the WSCAD Cabinet AR App. This way they get instant access to the schematics, device tags, part data, 3D views and even the original data sheets from the manufacturers. Building engineers can use the Building AR App on site to scan rooms and then edit the scanned floor plans in WSCAD SUITE for building automation and electrical installation.

The WSCAD portfolio is completed by eleven seamlessly integrated service offerings from WSCAD Global Business Services. Engineering and migration checkups, consulting and training, digitization of paper documents and conversion of third-party electrical CAD formats quickly help to shorten engineering times and increase productivity.

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