

Enhancing building automation and electrical design: WSCAD at Light + Building 2024

29 February 2024

WSCAD will showcase the expanded capabilities of its ELECTRIX ROCKET, a cutting-edge E-CAD solution tailored for electrical designers, switchgear manufacturers, building management, automation and electrical planning experts, at the Light + Building trade fair at the Messe Frankfurt Exhibition Centre from March 3rd to 8th, 2024.

This optimised building automation module is engineered to address the complex needs of the building automation sector, offering not only compliance with VDI 3814 and DIN EN ISO 16484 standards but also flexibility for innovative solutions. Key updates include the ability to automatically generate electrical schematics, state graphs, and process functional diagrams using innovative info linker symbols. Also, the inclusion of over 300 macros for building automation empowers users to streamline their planning and documentation processes.

ELECTRIX ROCKET enhances the digital building management landscape with the AMEV Building Automation Control Twin (BACtwin) technology. This digital twin framework revolutionises building management by facilitating efficient management from the initial planning stages through to maintenance. It fosters a structured exchange of information, championing collaboration and transparency, thereby elevating the overall quality of projects in the era of digital transformation.

Axel Zein, CEO of WSCAD GmbH, said, "Our professional Electrical-CAD working environment merges swift, consistent planning with a transparent service for

customisable and cross-trade building automation. Eliminating the need to capture components and data multiple times avoids data inconsistencies and errors, which naturally leads to significant time savings."

At Light + Building 2024, building automation design specialists and BACS companies involved in the comprehensive planning, design, installation, and commissioning of building automation systems, will see how WSCAD software simplifies the creation of BACS automation schemes, logic flowcharts and function lists. WSCAD's integration of building automation into its comprehensive electrical engineering solutions allows for a seamless transition from electrical schematics to control cabinet construction and electrical planning. This ensures that once data points are captured, they are consistently accessible throughout the workflow – from sensor inputs through electrical schematics to the programming of controllers.

Visitors to Light + Building can explore WSCAD's ELECTRIX ROCKET at stand A36 in Hall 11.0 to see its capabilities in action.

For more information, visit www.wscad.com, where the software is available for purchase or subscription.

Image captions:



Image 1: Explore WSCAD's ELECTRIX ROCKET at stand A36, Hall 11.0 at Light + Building 2024

The image(s) distributed with this press release are for Editorial use only and are subject to copyright. The image(s) may only be used to accompany the press release mentioned here, no other use is permitted.

About WSCAD

WSCAD is part of the Buhl Group, which has 700 employees and has been specializing in the development of Electrical-CAD solutions for over three decades. Customers include medium-sized companies, international corporations, and planning and engineering offices. More than 40,000 users from the machine and plant construction sectors, as well as from building automation and installation technology, work with the integrative WSCAD software. On a platform with a central database, it combines the six disciplines of electrical engineering, switch cabinet construction, process and fluid engineering, building automation, and electrical installation. A component exchange is immediately completed in the plans of all disciplines. Mechanisms for standardizing, reusing, and automating processes in electrical design and building automation shorten the planning and construction times from several weeks to just a few hours or minutes, with higher quality work results. Maintenance personnel and service technicians use the WSCAD Cabinet AR App to scan field devices and components in the control cabinet using a smartphone or tablet, and have immediate access to current electrical plans, including BMK, item data, and the original data sheets from the manufacturers.

Users can find over 2.1 million data sets from more than 400 manufacturers in the WSCAD-, EDZ-, DWG- and 3D-STEP format in the world's most powerful Electrical-CAD data library wscaduniverse.com. Use is free of charge, as is the posting of product data by the manufacturers. Eleven seamlessly interlocking services from WSCAD Global Business Services round off the range of services: these include engineering and migration check-ups, workflow and processes, consulting and training, or digitizing paper documents and converting different Electrical-CAD formats.

*) The mentioned brand names, logos, and trademarks remain the property of their respective owners. Listing of companies or their logos is not intended to imply endorsement or a direct connection to WSCAD GmbH.

Press contact:

WScad

Zishan Shaikh

Tel.: +44 (0) 203 966 2446

zishan@wscad.com

PR agency:

DMA Europa

Kiki Anderson

Progress House, Great Western Avenue, Worcester,
WR5 1AQ, UK

Tel.: +44 (0) 1905 917477

kiki.anderson@dmaeuropa.com

news.dmaeuropa.com