

## Press release

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### **CAD+T: Smart Software Solutions for Connected and Automated Production**

Digitalization, automation, and seamless data processes are crucial competitive factors in the furniture and interior design industry. CAD+T, a leading software company with decades of experience, is showcasing its latest digital and automated manufacturing solutions at Saudi Wood Expo, in Riyadh. The focus is on comprehensive CAD/CAM, ERP, and cloud applications that seamlessly link all processes, from design and production to delivery. The integrated nature of these core technologies enables the efficient realization of customized solutions—even in batch size one—and optimizes the entire value chain – a one hand solution!

A key highlight at the exhibition is automation through intelligent and streamlined data structures. CAD+T's CAD/CAM, ERP, and cloud systems ensure continuous processing of planning, construction, and production data, providing the foundation for optimized, error-free manufacturing. A core technology is the integration of RFID-based part tracking. Contactless identification and real-time management of components guarantee complete traceability and enhance overall production efficiency. Data-driven process management further optimizes production workflows. Real-time analytics and intelligent utilization of operational data enable precise control over manufacturing processes, increasing transparency in production planning. The seamless connection between CAD/CAM & ERP ensures continuous information flow between design, production, and assembly—a fundamental requirement for efficient, automated, and future-proof manufacturing.

**Sustainability Through Digital Efficiency** – Alongside efficiency improvements, sustainability is central to modern manufacturing processes. CAD+T's comprehensive solutions support businesses in resource-efficient production. Optimized material planning reduces waste, digital workflows minimize paper use, and precise manufacturing control lowers energy consumption. Automated production processes and optimized order scheduling help reduce waste and comply with environmental regulations.

**Smart Furniture – Digitalization Meets Furniture Design** – The growing demand for intelligent, connected furniture creates new requirements for planning and production. CAD+T offers powerful CAD/CAM & ERP solutions and advanced cloud software to efficiently plan and manufacture smart features like integrated charging



stations, connected lighting systems, or adjustable, smart work surfaces. Thanks to seamless data processing, individual customer requirements can be smoothly integrated into the production process—a decisive advantage in an industry increasingly characterized by customization and technological innovation.

With these solutions, CAD+T sets new standards in digitalization and automation in the furniture industry. At Saudi Wood Expo, visitors will have the opportunity to explore the latest innovations and experience firsthand the advantages of integrated software solutions. The CAD+T team will be available at Hall 2, Stand 3A79, for personal discussions and live demonstrations. More information can be found at: [www.cadt-solutions.com](http://www.cadt-solutions.com).

