CADISON R23: A Milestone in Revolutionizing Integrated Plant Design Engineering and Digitalization

New release of the software solution is now available!

Bad Soden am Taunus, 15 December 2023

The unveiling of CADISON R23 signifies a new milestone in Plant Design Engineering, placing a strong emphasis on integrated engineering and digitalization. The focus of the latest engineering solution is centred around enhancing collaboration within interdisciplinary teams, recognizing its pivotal role in fostering efficient planning processes and serving as a cornerstone for integrated engineering.

Seamless Collaboration for Integrated Engineering

Efficient collaboration within multidisciplinary teams is essential for the successful realization of Plant Engineering Projects. Ajit Joshi, Managing Director of ITandFactory GmbH, underscores the significance of this aspect, stating, "CADISON's applicability spans the entire Plant Lifecycle. Seamless information exchange during planning, especially with team members who aren't using the engineering solution, is crucial. Designers should effortlessly share project statuses and obtain feedback and approvals with utmost simplicity."

Streamlined Review and Approval Process with PDF Redlining

The introduction of PDF redlining significantly simplifies the review and approval process. CADISON facilitates the automated generation and storage of PDF redlining files linked to the source drawing. These files enable all involved parties to seamlessly add annotations and comments, with changes automatically saved.

Web-Based 3D Model Checking for an Effective Design Processes

CADISON R23 introduces a web-based solution for 3D model checking through a web viewer. Users can effortlessly check 3D models within the browser window, insert redlining graphics, and take measurements. The seamless integration of this data back into CADISON significantly streamlines the design process, allowing external stakeholders to note change requests.

Enhanced Visualization sans CAD Installation

The enhanced visualization via a CAD-independent 3D graphic preview saves time while checking structures and data. A new mechanism extracts and saves 3D graphics of individual elements in standardized formats, enabling detailed viewing without the need for CAD installation.

Cross-System Data Exchange with DEXPI Integration

DEXPI integration facilitates cross-system data exchange by utilizing data files containing information about graphics, component data, and process data. Importing such files results in a complete P&ID in CADISON, with automatic creation of database objects and linkage of drawing elements to these objects. This, in addition to the existing IFC interface and ERP interface, represents a significant stride in cross-system data exchange.

Conclusion: Integrated Engineering for Optimized Processes

In summary, CADISON R23 significantly contributes to breaking down silos between engineering disciplines, enhancing collaboration and communication. The introduction of these new functions and tools serves to propel integrated engineering and digitalization, making the entire process more efficient and seamless.

To know more about CADISON R23 and its enhancements & added features Contact Us Today!

About ITandFactory GmbH
ITandFactory GmbH, a wholly owned subsidiary of Neilsoft Private Limited, is a solution provider for plant engineering. For over 25 years, the company has developed and distributed engineering software. The integrated solution CADISON supports customers in project planning and development for Plant Engineering in various industries, including the chemical, pharmaceutical, food and beverage, oil and gas, and water and wastewater treatment sectors. It's a fully integrated, multidisciplinary engineering software solution combines the entire engineering workflow in one system. This applies to both non-graphical and graphical data (P&ID, electrical engineering, 3D model). Project staff always have access to the latest data in all necessary project views and all specialist disciplines.