



CADISON® Project-Navigator

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The Module for Project Manager and Repair & Maintenance Staff

Throughout the plant design process an enormous number of data and information will be created. These data are not only relevant to the most different users in the planning and manufacturing process but also at a later date, i.e. after completion of the plant. Such data may be of interest to many other persons like the repair and maintenance staff. Normally, today it is still necessary for information procurement to evaluate heaps of folders or even digital documents, but not with Project-Navigator.

Viewing of Project Data

CADISON® Project-Navigator is the module for viewing of project data within the corporate network. The navigator has been designed for staff members normally not involved in the active planning of a plant but afterwards responsible for operation and maintenance of the plant (i.e. mere data consumers).

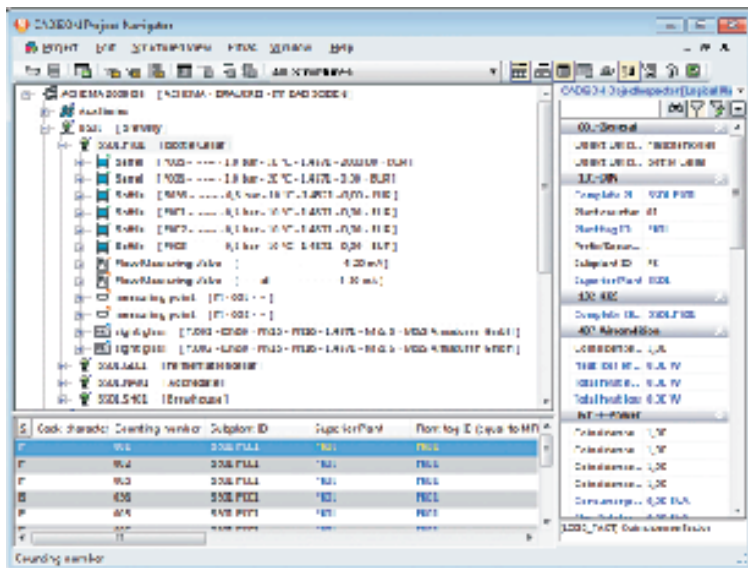
Since in a CADISON® project all logic and functional interrelations are displayed, it is possible, e.g. in case a pump fails operation, to make visible all plant components affected by this failure. In case problems occur, all components, safety zones, pipe runs, hazardous areas etc. that might be affected are recognized and/or displayed. The integrated report generator will easily and rapidly issue the list you need.

Entitlement Concept

Of course, the existing entitlement concept is fully considered even in case of work with the CADISON® Project-Navigator. Apart from that, all information is in principle only readable (Read-OnlyMode) but cannot be modified.

Easy Operation

The user surface is the one commonly known as surface of CADISON® Project-Engineer. Thus very short training for use of this module is possible. The existing object inspector is available for easy and detailed viewing. Objects can be used for zooming directly to the respective part of the drawing. Thus users may profit from excellent abstracts about the existing situation. This access easy for data consumers contributes decisively to your competitiveness.



All data generated with the CADISON® modules and available for use within the data base are forming the basis of the CADISON® Project-Navigator. Such data might be single object information, schematics, calculations etc.

The different perceptions stored in the data base permit rapid and easy viewing of searched object information. Data may be presented in several windows in parallel.



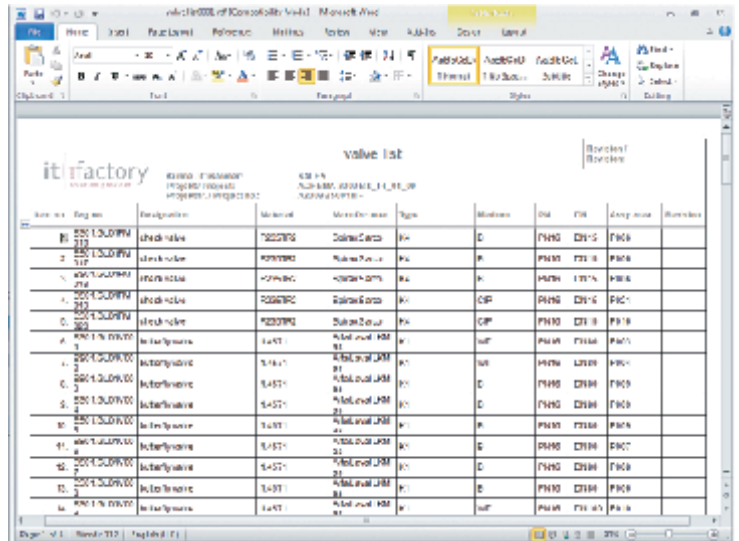
Integrated Report Generator

All data created with CADISON® may be optionally edited through the integrated report generator. Such data might be a list of valves & fittings or a pipeline list. All reports can be revised and have release mechanisms. They are directly stored within the CADISON® project. All documents can be delivered automatically as PDF.

From Quotation to Maintenance ...

The CADISON® Project-Navigator is an important asset for your plant planning and

construction efforts even in relation to the future plant operator. You should present the complete project digitally as CADISON® project to the plant operator. The latter can use the CADISON® Project-Navigator for very easy electronic access to all planning data. Thus the loop of Integrated Digital Plant Model will be closed.



Business Benefits

- One click – All information
- Transparency in all engineering projects
- Complete project survey for the project manager
- Quick finding through selective search for project information
- Ease of operation
- Evaluation of all relevant project data and drawings through various viewers
- Early provision of continuously updated information
- Generation of reports for operation and maintenance of a plant
- Work across locations
- Complete survey of plant structuring
- Multi-Site work of split project groups (all modules)
- Full multi-language capacity through Unicode (e.g. easy changeover from English to Russian and vice versa) together with multi-language inscriptions

Key Features

- Central graphics-independent project platform – Key turning point of the project
- Navigation and viewer tool for view of the CADISON® project data
- For project control and subsequent further processing of project data during plant operation as paperless documentation
- Search, selection, list and report functions
- Across-trade object navigation with visual highlight function
- Call-up and issue of documents and drawings (plotting) without CAD
- Information for repair & maintenance of the plant
- Ease of utilization even for the plant operator
- Roll and target-specific views of the project
- Generation of most different reports (proposals, calculations, parts lists, apparatus lists, cable lists, lists of measuring points, lists of valves & fittings, pipeline material lists etc.)
- Automatic preparation of the complete project structure as PDF
- Strengthening of business relations with your customers through provision of project data

CADISON® Project-Navigator – Integrated Digital Plant Model

Media- and Mass-Balances > Basic Flow-Diagram > Tender Planning > Process Flow-Diagram > **Equipment List** > Preliminary Layout > **Specifications and Suppliers** > **Instrumentation** > Resource Management > Calculation > Revision-Management > **Project-Analysis** > Process-Calculation > Pipe-Specification > P&I Diagram > Specification for Inquiry > Structural/ Statics > Layout Planning > Installation Planning > Equipment Planning > Structural and Piping Design > General Arrangement Drawings > Piping Design > Piperack Layout > Electrical Design > **Report Extraction (BOM)** > Materials Management > Maintenance and Operations > Post Costing Analysis and Documentation



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