



without CADISON: 4 years



with CADISON: 1 year

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## CADISON

### Training program 2009

Dear CADISON customer,

With this copy you receive the current edition of our CADISON training program. You can also find current information on our homepage [www.cadison.com](http://www.cadison.com).

Naturally we also offer you start-up and company trainings, with the CADISON topics which are important for you, as well as project-accompanying trainings. During the elaboration of your individual plan we always glad to consult you. Please feel free to contact us. We would like to support you in the best possible way to increase the effectiveness and productivity in the construction and planning area of your enterprise.

Our trainings according to the training program, as well as company trainings take place in our modern training centre in Bad Soden. Here participants can intensively deal with the CADISON software subject, free of everyday life business.

Please register yourself in time to the offered trainings. We can always provide you with the training program and registration form if you don't have them at your disposal. You can find these forms on our web page either.

We look forward to welcoming you at our training centre in Bad Soden.

Kind regards

ITandFactory GmbH

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**ITandFactory GmbH**  
Auf der Krautweide 32  
D-65812 Bad Soden  
Germany

Phone: +49 6196 6092-510  
Fax: +49 6196 6092-202

Mail [training@cadison.com](mailto:training@cadison.com)  
Web [cadison.com](http://cadison.com)

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## Summary of CADISON Trainings

Basic Training – CADISON Project-Engineer

Basic Training – CADISON Project-Navigator

Basic Training – CADISON P&ID-Designer

Basic Training – CADISON 3D-Designer

Basic Training – CADISON Electric-Designer

Update Training – CADISON R8.x

Basic Training – CADISON MATPIPE

Basic Training – CADISON Reports

Basic Training – CADISON Administration

Advanced Training – CADISON P-ISOGEN

Basic Training – CADISON Navisworks

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## Basic Training - CADISON Project-Engineer

<b>Course aim:</b>	Preparing and working on projects without CAD Supplementing of project data
<b>Course contents:</b>	CADISON Project-Engineer bases Fundamental ideas of the CADISON object-manager Possibilities of manipulation in the CADISON Tree Table view Catalogue data arrangement via MATPIPE-Selector Creating reports Lists Evaluations Data structuring possibilities Data examining via CADISON LogicAnalyser Preparing simple project calculations Structuring of projects View governing Tree, table view
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	None
<b>Target group:</b>	Project engineers

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## Basic Training - CADISON Project-Navigator

<b>Course aim:</b>	Evaluation of project data without CAD
<b>Course contents:</b>	Bases CADISON Project Engineer Manipulation possibilities in the CADISON Tree Table view Indicators of report Lists Evaluations Examining the data with the LogicAnalyser View governing Tree Table configurations
<b>Course duration:</b>	1 day
<b>Prerequisite for course:</b>	None
<b>Target group:</b>	Project engineers

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## Basic Training - CADISON P&ID-Designer

<b>Course aim:</b>	Production of process and R&I – patterns
<b>Course contents:</b>	<ul style="list-style-type: none"><li>CADISON P&amp;ID-Designer bases</li><li>CADISON work engineering in the equipment construction</li><li>Standardisation and structural components production for R&amp;I</li><li>Creating own symbols and structural components</li><li>Work with logical units</li><li>Work with structure opinions</li><li>Drawing alignment Engineer <math>\rightleftarrows</math> P&amp;ID</li><li>Creating report</li><li>Structuring projects</li><li>EMSR</li><li>Pipe line consistency examination</li><li>Function measuring and automatic control</li><li>Working on and modifying</li><li>Design checker</li></ul>
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	AutoCAD bases
<b>Target group:</b>	Users willing to prepare process and P&ID patterns

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## Basic Training - CADISON 3D-Designer

<b>Course aim:</b>	Production of 3D list / tubing plans
<b>Course contents:</b>	<ul style="list-style-type: none"><li>CADISON 3D-Designer bases work</li><li>Engineering with AutoCAD + CADISON in the equipment construction</li><li>Construction of a 3D model</li><li>Application of the MATPIPE-Selectors</li><li>Reservoir construction with the reservoir assistant</li><li>Bases of pipe line planning</li><li>Standardisation and structural components production for 3D work with structure opinions</li><li>Cuts, opinions and layout</li><li>Drawing alignment with the P&amp;ID</li><li>Production of different material lists</li><li>Merging AutoCAD objects into the CADISON structure</li><li>Connecting piece and man-hole assistant</li><li>Preparing isometries from the 3D model</li></ul>
<b>Course duration:</b>	3 days
<b>Prerequisite for course:</b>	AutoCAD basics
<b>Target group:</b>	User in 3D plant planning area

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## Basic Training - CADISON Electric-Designer

<b>Course aim:</b>	creation of circuit diagram and installation overview
<b>Course contents:</b>	<ul style="list-style-type: none"><li>CADISON Electric designer basics</li><li>Work techniques with AutoCAD + CADISON in the electrical engineering</li><li>Work with table and structure view</li><li>Creating own symbols and structural components</li><li>Online cross references</li><li>Contactor overview</li><li>Work with the database</li><li>Modify and edit objects</li><li>Designations and tagging system</li><li>Preparing energy distribution diagrams</li><li>Preparing circuit diagrams</li><li>Preparing loop diagrams</li><li>Preparing distribution cabinet schematic diagrams</li><li>Release of reports and lists</li><li>Settings and options</li></ul>
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	AutoCAD basics
<b>Target group:</b>	Users willing to prepare installation and circuit diagrams

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## Update Training – CADISON R8.x

<b>Course aim:</b>	Introduction to new functions of CADISON R8.x
<b>Course contents:</b>	Changeover of Unicode New functions in the instrumentation New report generator Improvements of CADISON Tree, object inspector and table views in Designer New copy functions in Designer, drawing alignment Improvements in MATPIPE Improvements of inscription functions
<b>Course duration:</b>	1 day
<b>Prerequisite for course:</b>	CADISON R7 basics
<b>Target group:</b>	CADISON users

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## Basic Training – CADISON MATPIPE

<b>Course aim:</b>	Construction and production of catalogues and tubing classes
<b>Course contents:</b>	<ul style="list-style-type: none"><li>Prepare new catalogues</li><li>Preparing new parametric 3D diagram variations</li><li>Preparing new tubing classes</li><li>Configuration objects</li><li>Object-tables</li><li>Adding objects</li><li>Diagram entries</li><li>Parametrising</li><li>Configurator</li><li>Construction specification</li><li>Chapter structure</li><li>Tubing classes</li><li>CSV import</li><li>MATPIPE report generator</li></ul>
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	<ul style="list-style-type: none"><li>solid skills of CADISON data structure</li><li>solid skills of CADISON 3D-Designer</li></ul>
<b>Target group:</b>	<ul style="list-style-type: none"><li>CADISON user</li><li>MATPIPE administrator</li></ul>

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## Basic Training – CADISON Reports

<b>Course aim:</b>	Conception and construction of own report definitions
<b>Course contents:</b>	Overview CADISON-Object Model Object classes and characteristics Production of report structure and configuration data Query functionalities for reporting Area definitions Report layout Error search
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	solid skills of CADISON data structure Office Package skills
<b>Target group:</b>	CADISON user CADISON administrator

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## Basic Training - CADISON Administration

<b>Course aim:</b>	Installation, configuration und maintenance of CADISON software
<b>Course contents:</b>	Installation of CADISON software System initialization Configuration of CADISON software Licence management Data protection Data export Administration tools User management Translation of CADISON surface area Inscription configuration Change of attributes
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	basic skills of Microsoft Windows basic skills of CADISON
<b>Target group:</b>	CAD administrators

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## Advanced Training - CADISON P-ISOGEN

<b>Course aim:</b>	Generation of pipeline isometries
<b>Course contents:</b>	Delivery of the CADISON 3D-piping elements at ISOGEN ISOGEN objects Variations of the isometry-generation Tips and tricks Configuration settings selected by ISOGEN Generation of isometry ISOGEN and MATPIPE Settings ISOGEN styles Symbol library
<b>Course duration:</b>	2 days
<b>Prerequisite for course:</b>	Participation in the CADISON 3D-Designer training
<b>Target group:</b>	CADISON 3D user CAD administrator

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## Basic Training – CADISON Navisworks

<b>Course aim:</b>	Safe handling the Autodesk Navisworks Review
<b>Course contents:</b>	<ul style="list-style-type: none"><li>Overview Autodesk Navisworks</li><li>Autodesk Navisworks surface</li><li>Basis navigation</li><li>File-import in Autodesk Navisworks</li><li>Design Review</li><li>Autodesk Navisworks selection structure and selection of objects</li><li>Working method of Autodesk Navisworks engine</li><li>Overwriting of object materials and hiding objects</li><li>Points of view</li><li>Comments, characteristics, redlining</li><li>Animation</li><li>Cuts</li><li>Hyperlinks</li></ul>
<b>Course duration:</b>	1 day
<b>Prerequisite for course:</b>	None
<b>Target group:</b>	<ul style="list-style-type: none"><li>User in 3D plant planning area</li><li>Project manager</li></ul>