

## The 2<sup>nd</sup> CADISON International Conference in Essen

# CiC 2008

### Increasing the efficiency of HR and engineering resources by using CADISON

ITandFactory is expanding its international appearance

**Why should a designer or IT user attend his software provider's user-meeting?  
Right: He wants to know where his trip with "his" design tools is headed. He  
wants to be informed about other users' experiences how successful they are  
when working with the software and precisely when accomplishing specific  
tasks.**



The 2<sup>nd</sup> CADISON International Conference held on September 4<sup>th</sup> and 5<sup>th</sup> could meet these expectations to a great extent. Hosted in Casino Zollverein of the former compressor hall of "one of the sophisticated coal-mines of the world" listed as the world cultural heritage, the ITandFactory management has informed about company's progress and CADISON engineering tool innovations. The clients shared their experience of using CADISON in their design work (see text sections in the end).

As very successful moderator (maybe even: Conférencier!) Sebastian Dörr, Sales Director led the local and international attendees through both conference days – the interpreter has been translating simultaneously into English: Thursday was brimming with exciting speeches, two concurrent sessions and a specific technical workshop composed the Friday agenda.





Moreover: Many guests emphasized a highly open and faithful co-work with ITF. Actually the implicitness in private personal and business co-work also should take place appealing for some conclusions of some other providers in the same branch....

### **CADISON rapid growth as regard to new branches and new clients**

The event in Essen covered not only CADISON but as well the company's development issues. Considering the huge success of ITandFactory over the last months across German-speaking countries, the shareholders, namely Neilsoft Ltd. and TRIPLAN AG keep supporting the ITandFactory management in their endeavours expanding company's international business. In particular it relates to considerable R&D recourses that Neilsoft possesses. Mr Georg Kremer, ITF Managing Director says: "These recourses allow CADISON to meet the clients' needs from different areas and international requirements faster and more efficient". Mr Ketan Bakshi, Neilsoft proprietor adds: "Especially global acting clients will value it."

According to Mr Bakshi it is important to increase users' benefits by implementing and integrating 3<sup>rd</sup>-party solutions. If nothing else it matters regarding branch-specific features and libraries.

Every strategic partner of ITandFactory will refer to this statement. Autodesk, Versant, B.I.M.-Consulting, CADENAS etc. attended the Essen event presenting their programs innovations and integration in CADISON.



Mr Bakshi is very satisfied with his team achievements so far: "The developers of ITandFactory and Neilsoft are working fruitfully together. First results are there with the new CADISON Release R8.5, e.g. extended Engineer2Web module and Visio-based P&ID module."



Georg Kremer: "Our software development philosophy has always been 'from engineers for engineers'. When developing the new release CADISON 8.5 it has been our dictum to provide additional benefits for our users. CADISON reduces today the project planning time up to 30% which has been proved by our customers. CADISON saves time and money by integrating all design processes".

Mr Hans Ekdahl, the Nielsoft director and managing director of ITandFactory, holds that CADISON is on the way to be the „World-class Plant Engineering Solution“. He shared in Essen that the consultant service is to be extended right after the CADISON installation. This task is to consider as the short-term goal to enhance client-focus.

The CADISON Plant Designer Group (CPDG) has been developed based on clients' precise requests aimed at supporting users in their planning work. The CPDG specialists work together with electrical and design engineers who have very good and long practical experience with CADISON. The new group has raised many positive feedbacks. Georg Kremer adds: „Many customers can meet now even bigger challenges in team with ITF consultants“.

***Exchange of experience has again been the focus of this year's event***



## **CADISON R8.5 release is approaching**

One of the conference highlights was the presentation of CADISON R8.5 with numerous updates and the new platform Visio to be used for CADISON P&ID-Designer.

CADISON Designer, for example has now new important functionalities: (1) bent pipe, (2) 3D-rotation, (3) elbow outlets / reduced rotation, (4) nozzles on conical vessels. Moreover new ventilation/ducting module has been integrated too (Level 1): the routing of ducting system can now be created with duct line, the creation takes place automatically. Ducts, duct elbows and branches are supported (round and angular). There is a particular spec-object available in ducting. Object manager enables to add additional objects.

New CADISON Visio P&ID-Designer R 1.0 module allows creating P&ID in new environment of Visio 2007 – block diagrams, P&ID and PFD. A bidirectional data exchange is possible too with CADISON Project-Engineer.

CADISON R8.5 is available from September 2008. CADISON R9 is scheduled for June 2009.

### ***Introduction of CADISON: practical examples***

**We have summarized some important statements from various CADISON customers' speeches delivered during the conference to show how these companies, such as Küttner GmbH, Ruland Engineering & Consulting GmbH and Tuchenhagen Brewery Systems integrated a new engineering tool – CADISON.**

***Küttner – a jump into cold water***

**KÜTTNER**

Küttner is an engineering company with about 550 staff members operating worldwide in the area of plant design for iron, foundry, energy, environmental technology and electrical engineering industries.

First CADISON R7 has been implemented for P&ID creation within a small project. The task was to get first experience and build structures needed for the project. Later, Küttner Group's one of the biggest ever projects took place: two identical in the construction plant layouts were to be mirrored. Due to short delivery time it was decided to keep on with CADISON.

The project team consisted of 2 project managers, 1 process engineer, 6 layout designers and 2 electrical engineers. 4 staff members from the team have already been trained to work with CADISON. Being a so called „CADISON beginner“ at that moment Küttner assigned two further ITandFactory consultants for that project task.

The conclusion: only stable working team can guarantee the successful processing of such projects. In order to comprehend this sort of program plant designer needs a good training. The introduction of CADISON is to be done on a step-by-step basis.

**Ruland – ,classified approach’**



The company conducts high quality plant design for food and pharmaceutical industries based on individual clients' requirements.

As the Ruland speech deliver told on the conference - despite of good functioning the IT tools used before at the company had unfortunately some disadvantages, namely difficult editing of documents, no connection between P&ID and parts lists, data lose due to several interfaces. Conclusion: based on the company strong growth it was no more possible to process some work tasks.

The following advantages have contributed to the decision for buying CADISON: integrated information from bid to the service. Growing information framework is possible thanks to object-orientation. Intelligent drawings – creating of databases. Effective construction in 3D – piping and valves. Not the last: ITandFactory team.

Ruland integrates CADISON without any project pressure, the compromises are not allowed, what means: "We are ready to change the company operations, if necessary". The procedure so far: defining Ruland's requirements. Standardization in many areas. Optimal coordination of workflow-analysis and software. Software customization by Ruland with non-stop simulation of the whole project workflow to foster the overall project process efficiency. Design of Ruland's own developed symbols incl. Feed path imaging. Automated interface with ERP system.

**Tuchenhagen – with bidirectional SAP interface**



The company's activity covers design, construction, mounting and start-up of brewery plants worldwide. Tuchenhagen Brewery Systems is just an engineering company, all commercial processing is undertaken by a corporate which works with SAP. That is why a bidirectional SAP interface is a *conditio sine qua non*.

CADISON system requirements have been defined as follows: leadership system of engineer-prone planning for brewery process plant design. Administration and processing of all plant objects in the project database. Purchase requirements (BANF) of objects linked to SAP system directly from CADISON without opening the SAP system itself.

**Schedule:**

October 2007:	Decision for CADISON system introduction
January 2008:	Definition of CADISON-SAP-Interface
May 2008:	Testing of CADISON-SAP-Interface
June 2008:	Adjustment of test results to the system
July 2008:	Training of 59 (!)users in 9 training groups
August 2008:	Introduction of the system and start-up of first projects