



**PlantCenter** is a tool that provides a central location for launching AutoCAD® P&ID and AutoCAD® Plant 3D projects as well as PlantDataManager and PlantReporter. PlantCenter also allows users to launch DWG TrueView from the central project interface, which will enable users to view, redline, and plot plant project drawings.



With 3D modeling the need to locate and resolve clashes between objects is essential. Our **PlantClash-Detection** Tool enables users to analyze clashes between model and xref objects from within AutoCAD® Plant3D without the use of Autodesk® Navisworks.



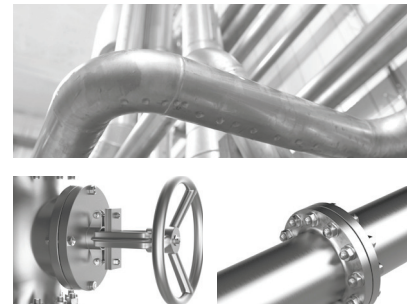
**PlantDataManager** was developed so that customers could have access to plant project data without having AutoCAD® P&ID and/or AutoCAD® Plant 3D installed on their computers. Users of PlantDataManager can modify plant project data or add non-placed objects and data and link those to external databases to plant project objects or calculate data.



**PlantExpressTools** are a collection of CAD-related functions as well as project administration features for AutoCAD® P&ID and AutoCAD® Plant 3D. Since the list gets longer with every version, you will get a full overview at the product's page.



AutoCAD® P&ID and AutoCAD® Plant 3D provide a flexible and convenient project database out of the box. **PlantLink** significantly extends the use of data with your plant project data by enabling linking to external and internal data sources with flexible and configurable unidirectional and/or bidirectional live links. PlantLink can modify AutoCAD®-Properties like layer or color as well. PlantLink enables customers to tremendously improve the data flow within their P&ID drawings to further become more productive and reduce errors.



## PlantTools inside BIM

Optimize your workflow for AutoCAD® Plant 3D

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The ability to create and manage reports from AutoCAD® P&ID and AutoCAD® Plant 3D is a powerful tool for data intensive workflows. **PlantReporter** extends and enhances reporting capabilities by both enabling reporting of plant project data without Autodesk® products and by providing additional configurability. You can also create a group of projects and create reports from them. PlantReporter can create reports from other data sources or a group of them, giving you the ultimate reporting tool. PlantReporter can also create versions and revisions of reports/lists, which can be compared to see changes in your data.



**PlantSync** enables project administrators to maintain standards in a single "template project" and update one or many live projects quickly and easily. For any organization with graphical and data standards, the ability to easily synchronize AutoCAD® P&ID and AutoCAD® Plant 3D project configurations is essential to an efficient design operation.



**PlantSpecDriven** allows you to assign catalog data from your AutoCAD® Plant 3D specs to your P&ID Symbols. This enables you to create Bill of Materials already from your P&ID drawings. In a second phase you can insert the P&ID symbols with the assigned data into your AutoCAD® Plant 3D drawings. During this process PlantSpecDriven checks for inconsistencies between P&ID and 3D. You can also link equipment and nozzles and have them checked for inconsistencies.

## WELCOME!

CAD STUDIO ABCOM GMBH invites you to take a closer look at our PlantTools.

PlantTools are a set of applications and utilities specifically designed to enhance the workflow and functionality of the Autodesk® Plant Solutions products, AutoCAD® P&ID and AutoCAD® Plant 3D and have been developed from the real life needs of plant customers from a variety of plant industries.

In addition to developing high end applications and utilities for Autodesk®'s Plant Solutions, CAD STUDIO ABCOM GMBH's full solution oriented approach is geared to ensure the successful adoption of AutoCAD® P&ID and AutoCAD® Plant 3D.

CAD STUDIO ABCOM GMBH's experts possess the knowledge and experience to get your organization maximizing the returns on your plant design investment faster than traditional "buy the box and train" approach.

## CONTACT

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## CRAIG WOOD

CRB CONSULTANTS, KANSAS CITY, USA

*„PlantTools help our firm maximize the potential of AutoCAD P&ID/Plant3D. With their data-extension, reporting, and automation capabilities, nearly any new idea or concept can be realized. PlantTools personalized customer support is also second to none.“*

## HERMANN SEMLITSCH

ENERGY GROUP CAD ADMINISTRATOR, OVIVO AQUA AUSTRIA GMBH, AUSTRIA

*„We love Plantlink because of its unlimited possibilities to link to external and internal data sources. We highly missed this option in our daily work till we detected PlantLink. CADSTUDIO provides an awesome support and constantly implements new functionality into the PlantTools. CADSTUDIO also responds quickly and flexibly to client requests.“*

## JESPER DAVIDSON

PROJECT ENGINEER, WEISS WORLD CLASS GREEN ENERGY SOLUTIONS

*„I'm a new user of PlantTools for AutoCAD P&ID. I'm using PlantExpressTools mainly because of the assembly feature when tagging components. Great feature and I'm amazed why Autodesk didn't include this feature. Good job CADSTUDIO!“*

## PAUL PETERS

CAD MANAGER/SENIOR MECHANICAL DESIGNER  
UNITEL TECHNOLOGIES, USA

*„In our work flow process, the PlantTools provides a bridge of the P&ID data to the Engineers. We've customized the P&ID program to include additional data for our reports, including line lists, valve lists, equipment and instrumentation lists, etc... With the use of the PlantDataManager, the Engineer has the ability to fill in all the necessary data values and the CAD tech imports the information (data) back into the P&IDs using the Import tool of the Add-on in Autodesk P&ID. This process saves us time and money and assures the final lists that are generated are accurate and correct.“*

## THOMAS MARD

CAD OPERATIONAL MANAGER, WÄRTSILÄ FINLAND

*„The reason why we decided to take PlantTools into use was because of the fact that the "out of the box" Autodesk product did not have all functionality included that we need. Especially PlantLink saves us a lot of daily engineering time.“*

## DINANT WEENK

PROJECT ENGINEER AND CONSULTANT AT WEENK ENGINEERING, THE NETHERLANDS

*„I'm using the PlantTools (mainly the PlantExpressTools and PlantSync) because it is so easy to make selection lists and to get changes into existing projects that have to be changed with a short down time. Just create a selection list and import it into P&ID or Plant3D within seconds. Changes of settings and symbols can be done outside a live project and easy synchronised with the desired projects. The down-time of the projects is just seconds and multiple destination projects are possible. I'm saving a lot of time, and time is money!“*

## ULLA FREDERIKSON

TECHNICAL DESIGNER - 3D/CADCOORDINATOR

KRÜGER, A VEOLIA WATER SOLUTIONS & TECHNOLOGIES COMPANY, DENMARK

*„PlantDatamanager has the huge advantage that multiple users can update data at the same time without being forced to learn AutoCAD. PlantReporter exports data to lists just as we need them and a million times better than standard AutoCAD P&ID.“*

## GERHAD KAIPER

SENIOR PROJECT ENGINEER AND CAD-SYSTEM-ADMINISTRATOR  
VOGELBUSCH BIOCOMMODITIES, AUSTRIA

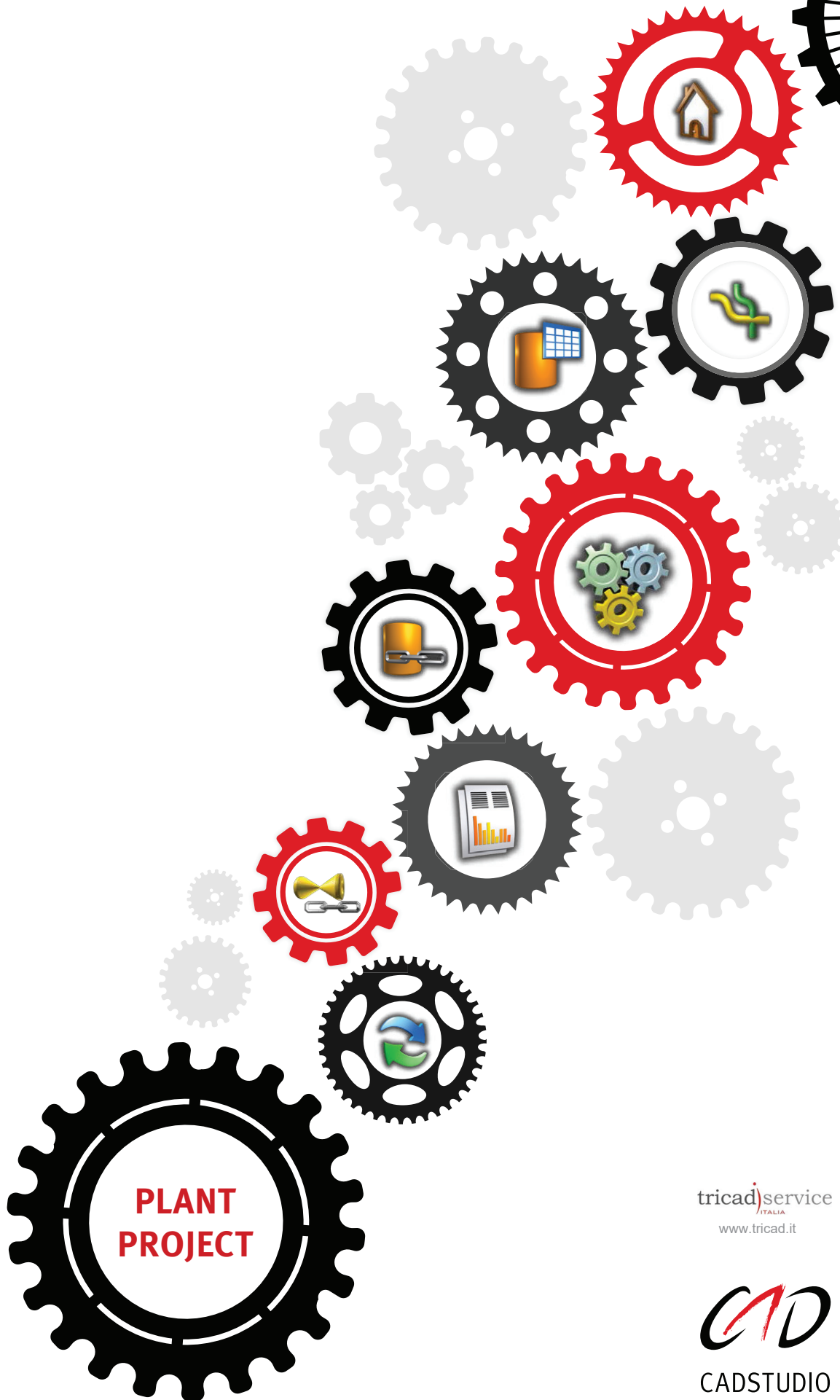
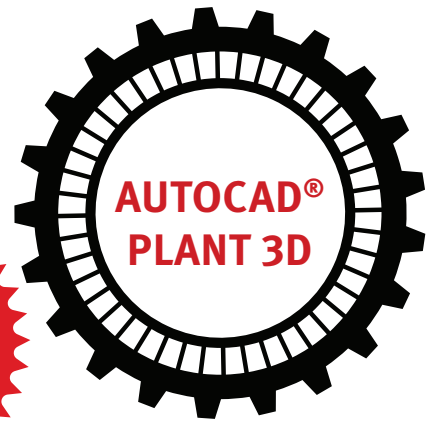
*„Our corporate claim highlights our ability to translate state-of-the-art technology into profitable plants, laying the groundwork for our clients' commercial success.“*

*Due to our high requirements CADSTUDIO developed a new PlantTool especially for our company: PlantSpecDriven! We also use all other PlantTools in a very efficient way. We registered 25 % time-savings in our 3D piping and the error rate dropped to a minimum. We are very satisfied with the PlantTools, life is a lot easier in our daily work.“*


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# PlantTools inside BIM

Optimize your workflow for AutoCAD Plant 3D



## PLANTTOOLS

-  PlantCenter
-  PlantClashDetection
-  PlantDataManager
-  PlantExpressTools
-  PlantLink
-  PlantReporter
-  PlantSpecDriven
-  PlantSync

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