



R 8.6

# Release Notes

## **Preface**

A further CADISON release is now available with the present CADISON Version. Extensive new- and further developments, special customer extensions and error corrections have been conducted since the Release 8.5.0.

Before the application, the users and the CADISON system administrators must be familiar with the new CADISON functions in detail since important modification can be made in the projects by an improper application.

This document is also available in PDF-format on our website:

[http://www.cadison.com/Customers\\_Care/Updates.aspx](http://www.cadison.com/Customers_Care/Updates.aspx)

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## CADISON R8.6 Release Notes

### Modules



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[General Information](#) | [Report Generator](#)



Changes in CADISON Designer:

[General Information](#) | [3D-Designer](#) | [Visio P&ID-Designer](#)



Changes in CADISON [MATPIPE](#)



Changes in CADISON [Engineer2Web](#)

**New!**

[New Functions](#) | [Changed Functions](#)

### Internet Resources

[www.cadison.com](http://www.cadison.com)

Support:

[FAQ](#)

[Hotline](#)

[Training](#)

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## Installation

### Prerequisites

Read the installation instructions [before the installation](#).

Further information can be found under "installation prerequisites" in the document available in the installation DVD: "CADISON\_Installation.pdf".

### Updating the Existing Installation

Category: Administration

Read the installation instructions beforehand.

Further information can be found under "Note on update installation" in the document available in the installation DVD: "CADISON\_Installation.pdf".

### The Self Installation

Category: Administration

Read the installation instructions beforehand.

Further information can be found under "Installation procedure" in the document available in the installation DVD: "CADISON\_Installation.pdf".

### New Installation of CADISON R8.6

Read the installation instructions beforehand.

Further information can be found in the document available in the installation DVD: "CADISON\_Installation.pdf".

### Subsequent Installation / Uninstallation of Individual Modules

The setup supports the subsequent installation and subsequent uninstallation of individual modules.

The Setup "CADISON" can be started using "Start > Settings > Control Panel > Software" and "Change Programme" can be selected.

Read the installation instructions beforehand.

Further information can be found in the document available in the installation DVD: "CADISON\_Installation.pdf".

### Installing the Network License Manager (NLM)

Start the setup from CADISON R8.6 DVD under NLM\Setup.exe.

Further information can be found in the document available in the installation DVD: "CADISON\_Licensemanager.pdf".

### Licensing

Category: Administration

Further information can be found in the document available in the installation DVD: "CADISON\_Licensemanager.pdf".

### Delivery

With the delivery of CADISON R8.6, you get the following:

- A programme DVD CADISON Release R8.6

- Possibly a DVD with the custom client object model
- Release notes CADISON R8.6 (as PDF and CHM on the DVD)

## Overview of Function Modifications



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Visio P&ID-Designer available

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# CADISON

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## General Information

### User administration of Objects when Excluding

When individual parts are excluded from the project database, then the current user administration is copied in the exclusion database. Till now, only the roles used to get copied but not the users.

From this version onwards, both roles as well as all user are copied. If within a single project database individual components are excluded, the current user management is also copied in the exclusion database.

### Thousand-Separators in case of Data Export and Data Import

If a comma is formatted for the display in CADISON in such way as to be used for a decimal separator as well as a thousand separator, then this would give a problem till now, if such values are exported to an XLS or MDB file. Similarly, the display in the Excel reports also does not function correctly. The modified values cannot be correctly transferred when importing such values from CSV files.

This bug has been fixed.

### Catalog Entries get lost when Integrating

If components of a database are excluded, then the excluded database is exported finally and new catalog entries are added to this exported database, in case of existing objects, then it was not possible to integrate these till now. The catalog entries for these objects were not available even in the original database.

This bug has been fixed.

### New NUMSIG Calculations

The following CALCULATE properties have been added in this version:

- NUMSIG\_ASI
- NUMSIG\_ETHERNET
- NUMSIG\_PROFIBUS\_DP
- NUMSIG\_PROFIBUS\_PA

These properties count the sub-objects of the type PHI-PSIG and PHI-LSIG, which have a definite value for the property ELEC\_TYPE:

- ASI for NUMSIG\_ASI
- ET for NUMSIG\_ETHERNET
- PDP for NUMSIG\_PROFIBUS\_DP
- PPA for NUMSIG\_PROFIBUS\_PA

### Parallel Report Creation does not function Sometimes

Parallel report creation in the background does not function sometimes, since it is possible that the reports created in parallel used the same file name and thus had been

affected simultaneously.

From this version on, unique names are used in each case.

## Problem during installation of ISOGEN symbol editor on Vista

Starting the ISOGEN symbol editor failed, when CADISON was installed on Windows Vista platform.

The required system file with the name "msvbvm50.dll" was replaced by the new version of the file "msvbvm60.dll". As a workaround, the required file "msvbvm50.dll" is now installed automatically by CADISON R8.6.0 in the directory (...\\CADISON\\App\\Alias).

## Plot Style Table default in the CADISON.ini file was ignored

Here there was a documentation error. The entry in the CADISON.INI was not supposed to be ACAD\_PLOTSTYLETABLE = , but only: PLOTSTYLETABLE =.

## Report Generator

### Determination of Report Revisions in Excel Report Generator

From this version onwards, it is possible to access the information of the current report when generating the report. In the query definition in the start.tpl file, a query for the current report can be executed using the new key word "REPORT". For example, the following QUERY definition delivers all the versions of the current report:

```
QUERY=REPORT.P_treeobjects.TREE;SUB;STRUCTURE,COMPOSITE;;VCS-REVI;VCS-REVI  
;;;PHI-REPO
```

### Report Generation on Table Selection

If several objects are selected in the table and a report is created on the basis of this table selection, then the objects marked in the table are displayed in the report. Till now, it was not being checked whether the objects are at all to be displayed in the report. From this version on, the respective marked objects are no more displayed in the report.

### Multiple Usage of a Report Template within a Report

If a report template was used multiple times within a report definition in Word report generator of CADISON R8, then it is possible that not all the text would be displayed correctly in the report. In some cases, only the first reference to the report template would be filled out.

### Non-existing Report Form

If a Word report is referred to a non-existing file, then the Word report generator in CADISON R8 terminates and no report is then generated. From this version onwards, an error message is logged as system remark. The error message contains the name of the missing report template file. Moreover, the report generator does not terminate anymore in case of this error, but the report generation continues. However, the report does not contain the desired content.

### Optimization of the Report Templates

In this version, some Word report templates changed to include new optimization methods of the modified Word Report generator. In the following report templates, which use the SORT statement, this change has been made:

German

Common reports:

List of documents, List of location codes, List of plant codes

Plant design:

Pipeline list, Valve list, Vessel list

Measurement control:

List of measuring points

English

Common reports:

List of documents, List of location codes, List of plant codes

Plant design:

Pipeline list, Valve list, Vessel list

Measurement control:

List of measuring points

Russian

Common reports:

List of documents, List of location codes, List of plant codes

Plant design:

Pipeline list, Valve list, Vessel list

Measurement control:

List of measuring points

## **Project-Engineer Plus**

CADISON Project-Engineer Plus is available

The optimal workstation for truly intelligent conceptual engineering => CADISON Project-Engineer Plus, is available immediately.  
For further informations, please contact your sales manager.

# Designer

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## General Information

### System Crash when Shifting the Elements in a Design

When editing the elements in the design (such as when shifting), the Designer could crash under CADISON 8.5.  
This bug has been fixed.

### Paper Orientation for PDF Creation

If the paper orientation has switched to "landscape format" for PDF creation in CADISON, then it was not correctly followed in Designer till now in case of PDF creation. From this version onwards, the paper orientation is correctly followed.

Note: PDF creation in AutoCAD works only up to standard A3 paper format. If other formats are specified, then AutoCAD uses the paper format "Letter" in most of the cases.

### Creating PDF Files from Designer

From this version onwards, it is possible to specify which AutoCAD plot style table is to be used for PDF creation in case of PDF creation of AutoCAD designs. Thereby, it is possible, for example, to create a black/white PDF file.

Which plot style table is to be used has to be specified here in CADISON.INI in the section [ITF\_PDF]:

```
[ITF_PDF]  
ACAD_PLOTSTYLETABLE=monochrome.ctb
```

If an invalid name is specified, then the internal plot procedure is carried out without using any plot style table.

### XREF Manager in Layout Area

If XREF manager is opened when a layout area is active, then the Designer asks whether it is to be switched automatically to the model area.

## 3D-Designer

### Read angular bends from MATPIPE

Since CADISON 8.0, it was no more possible to insert graphics, which contain an angular bend in the designer from MATPIPE. This bug has been fixed.

### Display angular bends from MATPIPE

In the 3D designer angular bends from Matpipe, whose angle is greater than 180 degrees, used to be shown with a dividing line after 180 degrees in the 3D-visualisation. This bug has been fixed.

### ACIS converter Crash when Converting MATPIPE Elements with Torispherical Head

ACIS converter can so far crash, when the MATPIPE elements are to be converted, which contain the torispherical head. This error has been corrected.

## **Visio PID-Designer**

### Visio P&ID-Designer available

The Visio P & ID Designer is available immediately. This gives our customers a workplace for sales and technology for P & ID creation.

## Engineer2Web

### Table overlaps with the Tree

Previously it so happened that the table overlapped the lower part of the tree.  
This bug has been fixed.

### Selection in the Tree changes the Scroll Position in the Tree

If a vertical scroll-bar is displayed in the tree and it is scrolled completely downwards and then an object at the end of the tree is selected, then the scroll position is reset such that the start of the tree is displayed.  
This bug has been fixed.

## MATPIPE

### Creation of Replicas and Their Sub-Objects

If a catalog object has been replaced with sub-objects of a catalog in another in MATPIPE, all the sub-objects of the object would be directly laid under the same chapter, where the main object was placed. This procedure has been changed in CADISON 8.6 in the following way:

If it is determined when creating a replica that the replica also contains a sub-object, then it is checked whether the target chapter already contains the sub-chapter with the name "Links for replicas". If not, then this is automatically created and this chapter is switched to "invisible" in addition. This inhibits the chapter from being displayed in the selector. Finally, all the sub-objects of replicas are arranged automatically in the chapter "Links for replicas".

### Converting the Catalogs

The plan for the catalog database was modified in MATPIPE 8.6. The reason for this is the extension in combination with the configuration of the replicated objects. When opening a catalog with MATPIPE 8.6, the catalog version is updated to 8.6.

### Transferring the Configurations as Replica

If an object from a catalog is transferred as replica in another catalog, then all the configurations, which are based on this object, are transferred in the target catalog as replica configurations. In the target catalog, individual configurations are deactivated finally so that they are not actively available there.

If the replicas are updated, then all the available configurations are also updated.

### Upgrade Replicas

In addition to the menu item "Update Replicas", from Release 8.6.0 onwards, a new menu item "Upgrade Replicas" also exists.

The two functions differ as follows:

When calling the function "Update Replicas", only the existing Replica object entries are updated.

On the other hand, the function "Upgrade Replicas" transfers the amendments to the original objects in the replica object.

This will restore all previously deleted entries in the Details table after calling the function restored and transfer the new entries from the original object in the replica.

The configurations of the objects are treated differently from this version onwards.

When an object is transferred from one catalog to another catalog as replica, all configurations, which are based on the object, as the replication configuration in the target catalog are also transferred. The individual configurations in the target catalog can then be disabled, so that they are not actively available.

If the replicas are updated, it will automatically update all the available configurations.

## Change when saving configurations with linked objects

If a configuration with linked objects was saved in MATPIPE there was only the object table "CONFIGOBJ" examined. But the name of this object table is not clear because of new awarding after Replicating. (A number is added.) The result was that the linked object after Replicate was not longer found.

In the future MATPIPE examine whether the name of the object table with "CONFIGOBJ" begins and if the object class "VCS-PROP" is there.

## Concluding Information

**CADISON Hotline** is open for you during the below mentioned timings:

Mo. – Th. 08:30 bis 17:00 Uhr

Fr. 08:30 bis 15:00 Uhr

Telephon: +49 6196 6092-**500**

Fax: +49 6196 6092-**202**

Email: [hotline@cadison.com](mailto:hotline@cadison.com)

In case of any specific queries, please contact our staff.

### **CADISON Training:**

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You can find the detailed information on our Internet homepage:

[www.cadison.com](http://www.cadison.com)

or please write to us at

[info@cadison.com](mailto:info@cadison.com)

We wish you a lot of success with CADISON.

Your *CADISON Team*

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