

CAXperts

Plant IT-Solutions

CopyMoveRotate for PDS®

Features:

- Automated copy, translation and rotation of models and drawings
- Editing of piping and EQP attributes via Excel
- Consideration of non-PDS-models during translation and rotation; preservation of FrameWorks views
- Extensive reporting

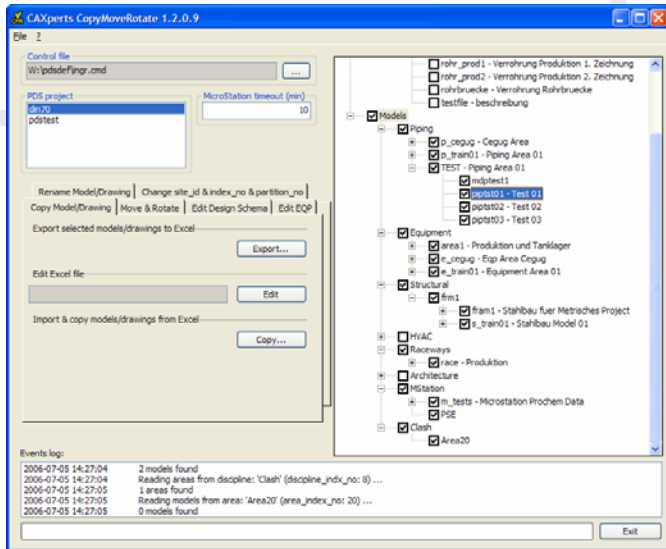
Benefits:

- Fast duplication of whole design areas and sub-projects
- Trouble-free translation of whole projects to a new location
- Simple consolidation of all piping and EQP attributes
- Easy handling of large projects by a concise tree view
- Significant saving of time by a high level of automation



CopyMoveRotate Copy with Excel

CopyMoveRotate makes it possible to swiftly copy PDS models and drawings. Out of a user-friendly GUI even very large projects can be handled in a concise way.



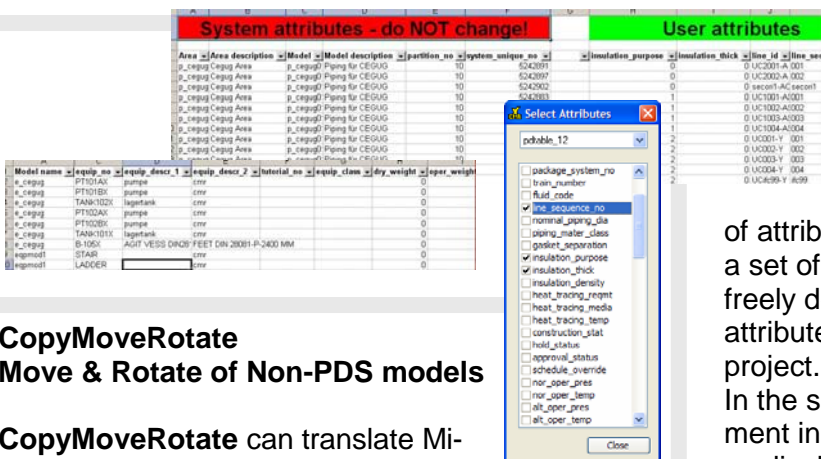
Source				Destination						
Discipline name	Area name	Area description	Model name	Model description	Sheet	Area name	Area description	Model name	Model description	Sheet
Equipment	p_cogug	Cog Area Cogug	p_cogug	ESF Cogug Model		p_cogug	Cog Area Cogug	p_cogug	ESF Cogug Model	
Piping	Clash1	Testarea Clash PDS	p_clash01	ClashModel 1 PDS CLASSIC		Clash1	Testarea Clash PDS	p_clash01	ClashModel 1 PDS CLASSIC	
Piping	Clash2	Testarea Clash PDS	p_clash02	ClashModel 2 PDS CLASSIC		Clash2	Testarea Clash PDS	p_clash02	ClashModel 2 PDS CLASSIC	
Piping	Clash3	Testarea Clash PDS	p_clash03	ClashModel 3 PDS CLASSIC		Clash3	Testarea Clash PDS	p_clash03	ClashModel 3 PDS CLASSIC	
Piping	Clash4	Testarea Clash PDS	p_clash04	ClashModel 4 PDS CLASSIC		Clash4	Testarea Clash PDS	p_clash04	ClashModel 4 PDS CLASSIC	
Piping	Clash1	Testarea for Clashng	p_clash01	Clash01		Clash1	Testarea for Clashng	p_clash01	Clash01	
Piping	Clash1	Testarea for Clashng	p_clash02	Clash02		Clash1	Testarea for Clashng	p_clash02	Clash02	
Piping	TEST	Test Area	mdptest1	Testmodel 1 Clash		TEST	Test Area	mdptest1	Testmodel 1 Clash	
Piping	TEST	Test Area	p_clash1	Testmodel 2 Clash		TEST	Test Area	p_clash1	Testmodel 2 Clash	
Piping	TEST	Test Area	p_clash2	Testmodel 2 Clash		TEST	Test Area	p_clash2	Testmodel 2 Clash	
Piping	TEST	Test Area	page01	Test 01		TEST	Test Area	page01	Test 01	
Piping	TEST	Test Area	page02	Test 02		TEST	Test Area	page02	Test 02	
Piping	TEST	Test Area	page03	Test 03		TEST	Test Area	page03	Test 03	

CopyMoveRotate PDS stays in the Background

For the translation solely distances have to be defined and for the rotation only a pivot point and angle is needed. All selected models will be moved to the desired location. In addition to an extensive reporting the processed models will be colour tagged. In case of an access problem (locked or broken model) the model will be skipped and reported after the selected time-out period has elapsed.

CopyMoveRotate Functionality endures

When FrameWorks models are moved or rotated not only the graphics of the model is moved but also the views will be adjusted according to the new coordinates. In case of moving PDS drawings a good portion of manual rework will be



CopyMoveRotate Consolidation of main attributes

Copied models mostly need a change of attributes (Line_ID, EQP Name,...). For Piping, a set of attributes of the data to change can be freely defined and exported to Excel. In Excel, the attributes can be changed and reloaded into the project. In the same manner the attributes of every equipment in the design files can be verified and — if applicable — changed, a feature that can save a lot of time.

CopyMoveRotate Move & Rotate of Non-PDS models

CopyMoveRotate can translate MicroStation models which are not included in a PDS project. These models can be loaded into a list by drag & drop.

Contact & Information

CAXperts GmbH
Carl-Zeiss-Ring 4
D-85737 Ismaning
Germany

CAXperts The Xperts for plant design automation

P.: +49 (89) 96 97 72 0
F.: +49 (89) 96 97 72 11
Email: Info@CAXperts.de
Internet http://www.caxperts.com

