

CAXperts

Plant IT-Solutions

ClashManager

the collision filter
for SmartPlant® Review & PDS®

Features:

- Rule based checking of all clashes detected in PDS to eliminate false clashes
- Improves the reliability of Envelope Builder & Interference Checker
- **New:** No configuration needed
- Integrated viewing in SmartPlant® Review and MicroStation® with useful reporting functions
Provides additional batch mode from command line

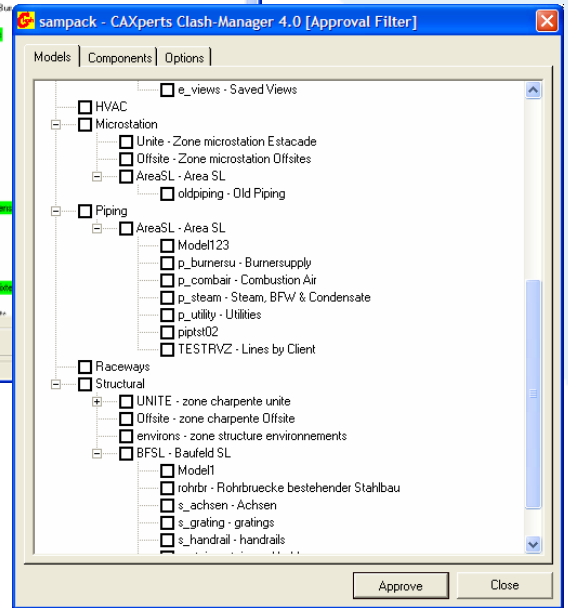
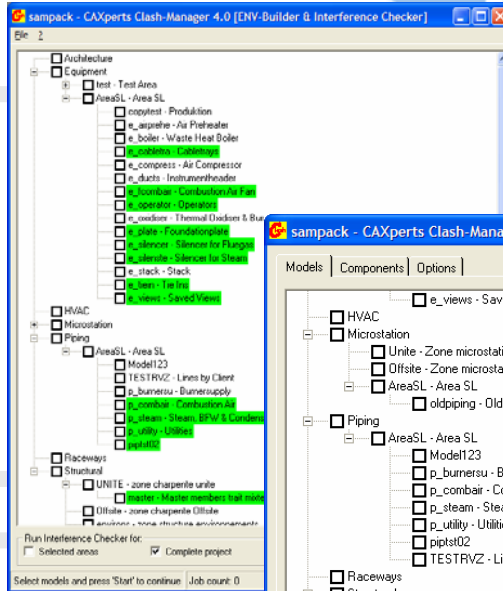
Benefits:

- Significant time reduction for clash checking, PDS® clash checking is made efficient by focusing on relevant clashes
- Effective and early collision detection prevents additional costs during erection
- Faster and safer than a visual check in the model
- Minimum expenditure on training
- No PDS workstation is required for the reviewing



ClashManager – Envelope Builder & Interference Checker

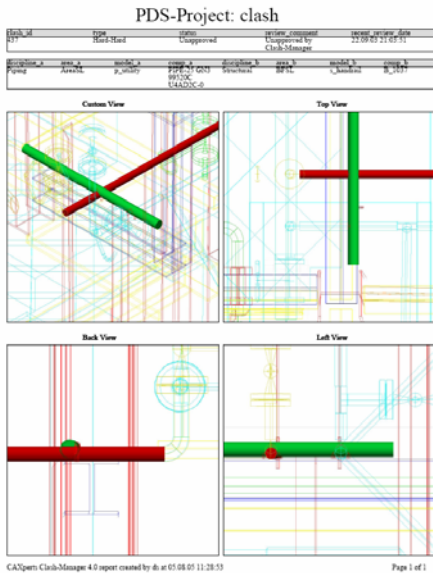
PDS Envelope Builder & Interference Checker can be launched from a user friendly interface. ClashManager controls the batch processes to guarantee an easy envelope generation. Different colours indicate immediately the current status of the models.



ClashManager – Approval Filter

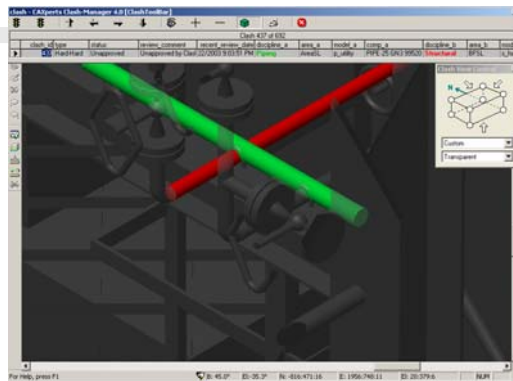
Pre-defined rules can be applied to all the PDS clashes. This reduces the clashes to the relevant ones. All false clashes such as support shoes touching structure or mitre bends can be automatically excluded. The user can define the grade of automatic approval for every project individually. All clashes are displayed in a data grid, where they easily can be filtered, reviewed and approved or reported.

clash id	status	severity	component	object name	detail	location	area	level	comp. a	clash type	area b	level b	comp. b
1	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
2	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
3	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
4	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
5	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
6	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
7	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
8	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
9	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation
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20	Unapproved	Unapproved	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation	MEStation



ClashManager – View and Report

All clashes which are not approved by rules can be reviewed immediately in Micro Station® or SmartPlant Review®. Use the report function to provide immediately a PDF report of the clashes found for your design team with all relevant information on it.



Contact & Information

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