



QualityAssuranceModule

Powerful data check for Project Information Managers, Project Engineers and Application Power Users.

FOR USE WITH

Intergraph

- SmartPlant® P&ID
- SmartPlant® Electrical
- SmartPlant® Instrumentation
- Smart™ 3D
- PDS®

AVEVA

- PDMS™

Microsoft

- Excel®, Access

CAXperts QualityAssuranceModule

DATA VALIDATION

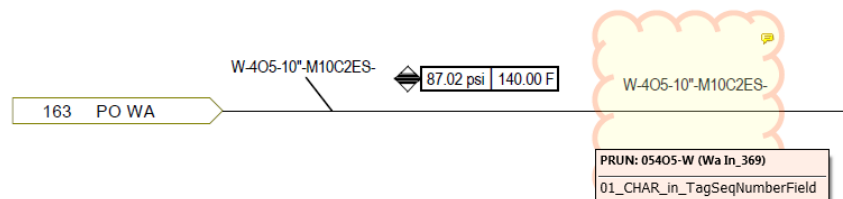
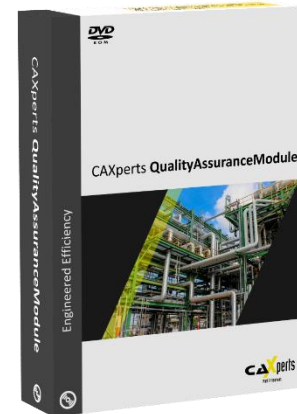
Detailed quality check (missing or wrong attribute values, incorrect Item Tags etc.) for data coming from a single application.

REPORT GENERATOR

Rule based colour coded report generation, results are written to Microsoft Excel®.

PDF CREATION (P&ID ONLY)

SmartPlant P&ID documents saved as PDFs with highlighted objects and components or as PDF files with mark-up created by the applied rules.



	01_CHAR_in_TagSeqNumberField	02_NPD_Null	03_PMCStringLength_not_eq_7	Piping Materials Class	Nominal Diameter	Tag Seq No	Fluid Sys...	Pipe Ru...	Design Max Temp	Design Max Press
	Wa Ir	U5372				372		Piping	12 C	7 bar
	Wa Tr	05386-P	1CB1P		6"	386	Process	Piping		
	Wa Tr	05386-P	1CB1P		8"	386	Process	Piping		
	Wa Tr	05407-WS	1CB1P		4"	407	Water	Piping		
	Wa Tr	05412-WS	1CB1P		6"	412	Water	Piping		
	Wa Tr	05445-WS	1CB1P		20 mm	445	Water	Piping		
	Wa In	05405-W	M10C2ES		10"	405	Water	Piping	60 C	6 bar

BENEFITS

- **Simple to use**
Man hour savings for check rule creation and application of rules – consistent interface for creation and application of rules for different applications.
- **Controlled data handover** - Check results can be provided to contractors or to other departments responsible for the content of the data
- **Improved data quality and data completeness** within the applications.
- **Time/cost saving**
when data stored in SmartPlant needs to be validated against company specific rules.

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