



CONTINUAL PROGRESSION

Successful Cooperation: PARTsolutions with AVEVA

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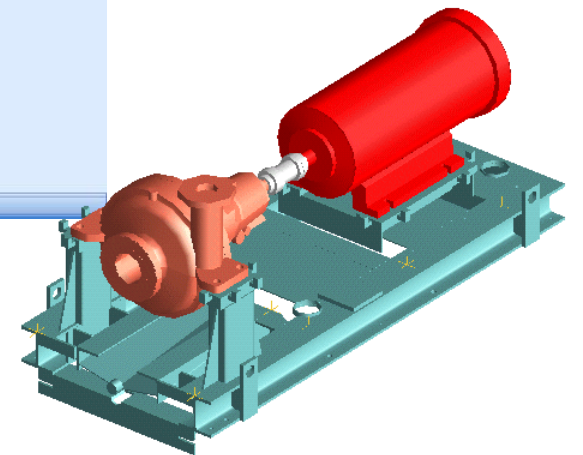
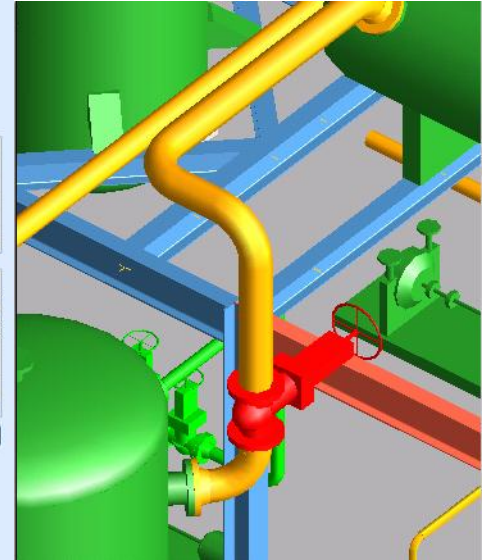
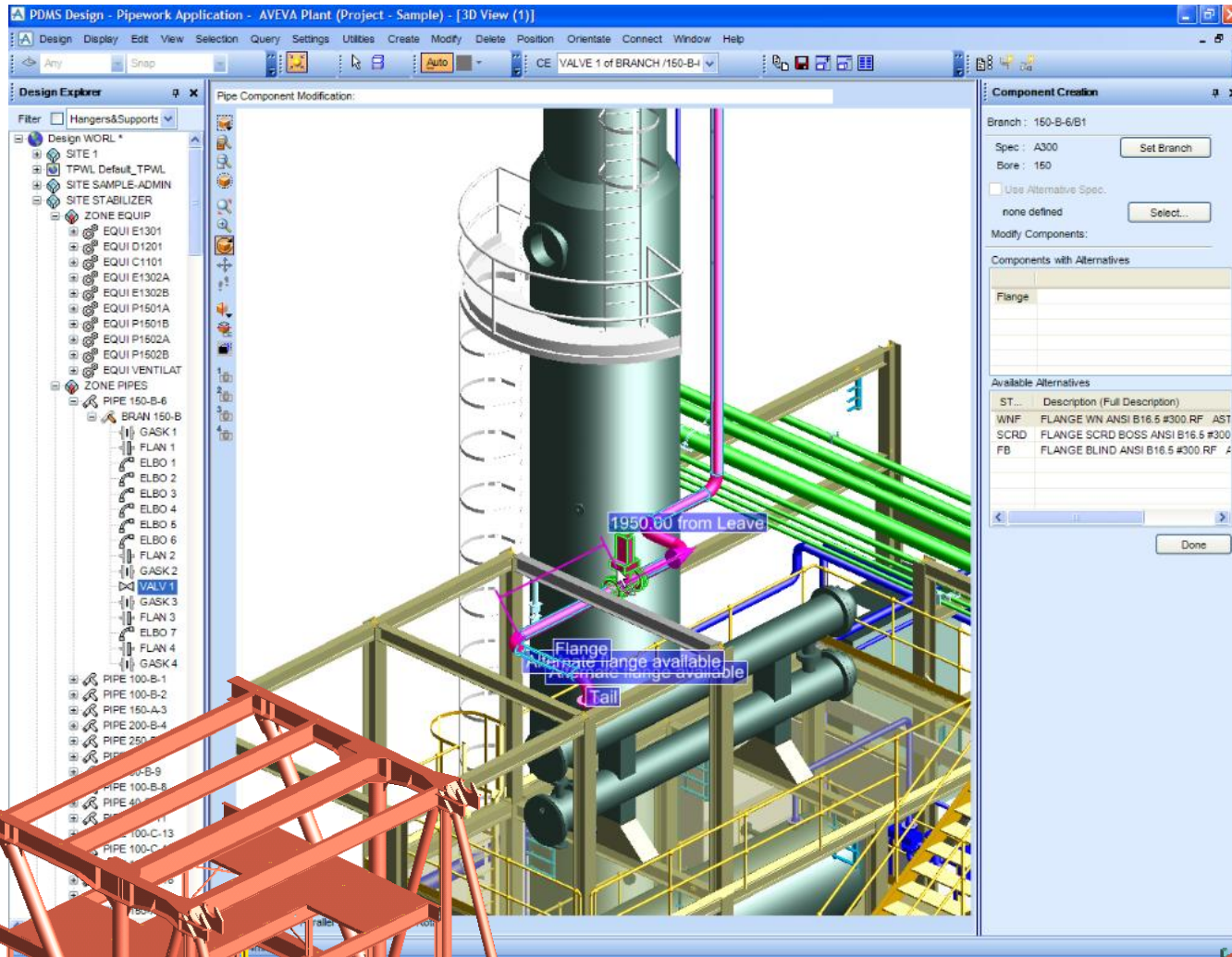
Who we are...

AVEVA:

**a worldwide leading supplier of engineering
IT solutions for design, engineering and
information management for**



AVEVA PLANT: PDMS



PDMS: 3-D Planning Tools for Plant Engineering



- Over 1400 customers around the globe in numerous industrial branches
- Thriving technology
 - More than 30 years in the market
 - Successful project completion
 - Materials for plant planning
- Object-oriented database
- User friendly & technologically leading
- Continuous advancement

AVEVA MARINE – Planning & Building Ships



AVEVA MARINE: Outfitting

Outfitting Design - Pipework - AVEVA Marine (Project - AKM) - [3D View (1)]

Design Display Edit View Selection Query Settings Utilities Create Modify Delete Position Orientate Connect Window Help P&ID-3D-Integrator

No list Fuel_Oil_System_Diagram Page-1 Auto Solid CE HFLANG 1 of HPANEL /KM50

(D) AVEVA Default Setting

Design Explorer P&ID 3D Integrator Schematic... Fuel_Oil_System_Diagram Page-1

Filter ☐ Hangers&Supp

- HFLANG 1 A
- HBCKT 1 A
- HBCKT 2 A
- HBCKT 3 A
- HBCKT 4 A
- HBCKT 5 A
- HBCKT 6 A
- HBCKT 7 A
- HBCKT 8 A
- HBCKT 9 A
- HBCKT 10
- HBCKT 11
- HBCKT 12
- HCURVE 1
- HCURVE 2
- HCURVE 3
- HCURVE 4
- HCURVE 5
- HPANEL KM501-H
- HPANEL KM501-H
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- HPANEL KM501-H
- HPANEL KM501-H
- HPANBO 1
- HPANBO 2
- HPANBO 3
- HPANBO 4
- HPANBO 5
- HPANBO 6
- HPANBO 7
- HPANBO 8
- HPANBO 9
- HPLATE 1 K
- HNOTCH 1
- HNOTCH 2
- HNOTCH 3
- HNOTCH 4
- HNOTCH 5
- HNOTCH 6
- HSTIFF 1 K
- HCURVE 1
- HCURVE 2
- HPANEL KM501-H
- HPANEL KM501-H
- HPANEL KM501-H
- HPANEL KM501-H

Navigate :

e45n35d Parallel Model Rotate Slow

P&ID 3D Integrator Main Table - Default Equipment Layout

NAME	TYPE	OWNER	DESC	FUNC	PURP	NUMB	AREA	POS	ORI	BUIL	ISPE	DSO	PTSP	INSC	SKEY
/KM-212-572S002	EQUI	/Ventilation_212	unset	unset	unset	0	0	X 0mm Y 0mm Z 0mm	Y is Y and Z is Z	false	Nulref	unset	unset	unset	unset
/KM-212-572S003/DIIP1	EQUI	/Ventilation_212	unset	unset	unset	0	0	X 0mm Y 0mm Z 0mm	Y is Y and Z is Z	false	Nulref	unset	unset	unset	unset

Total Items = 753

AVEVA MARINE: Planning Tools for Shipyards

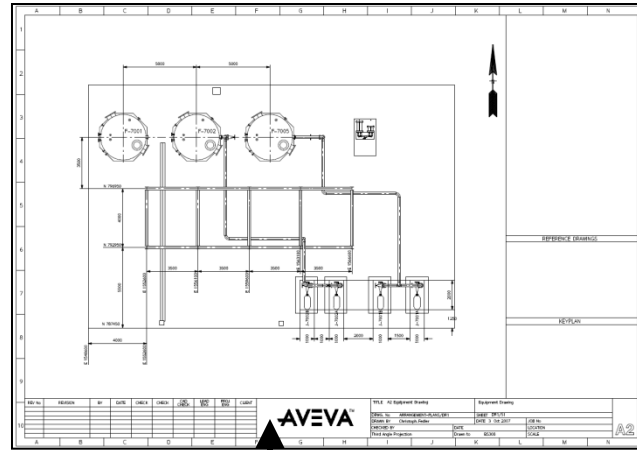
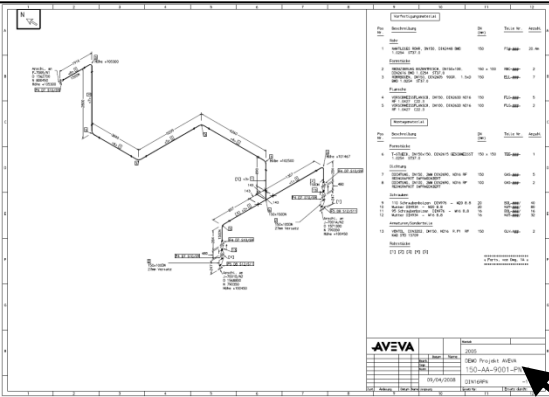


- **500+** shipyards & engineering offices
- **85 %** of the 50 largest shipbuilders
- **Tested and proven** for over 30 years
- Continuous development
- Object-oriented database
- User friendly & technologically leading

Plant & Marine: Central Access to Planning Data

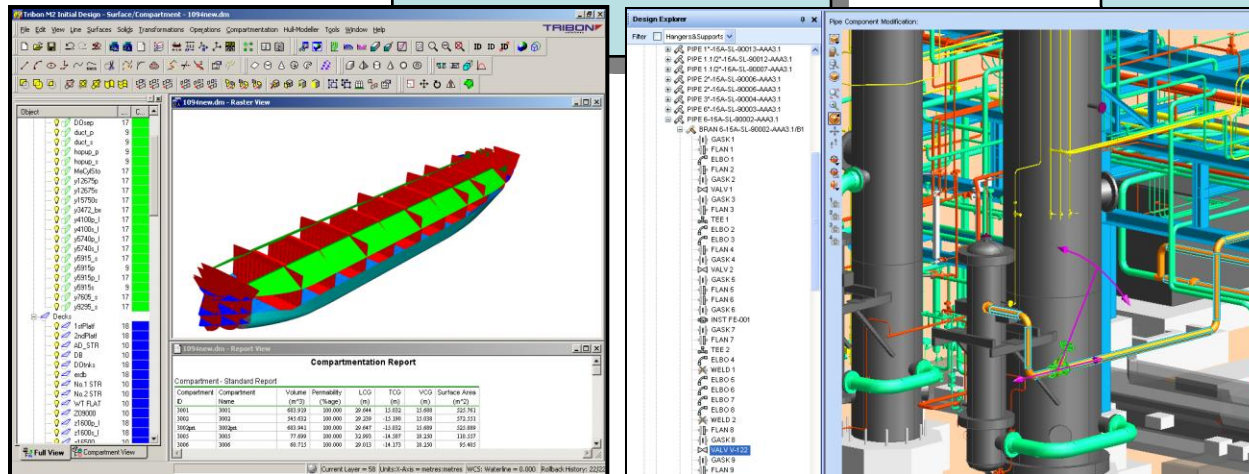
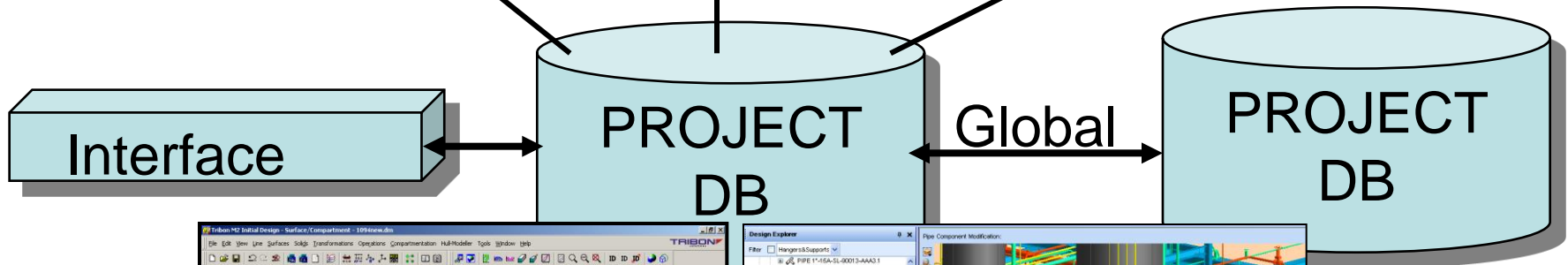
Flow charts & sketches

Isometries

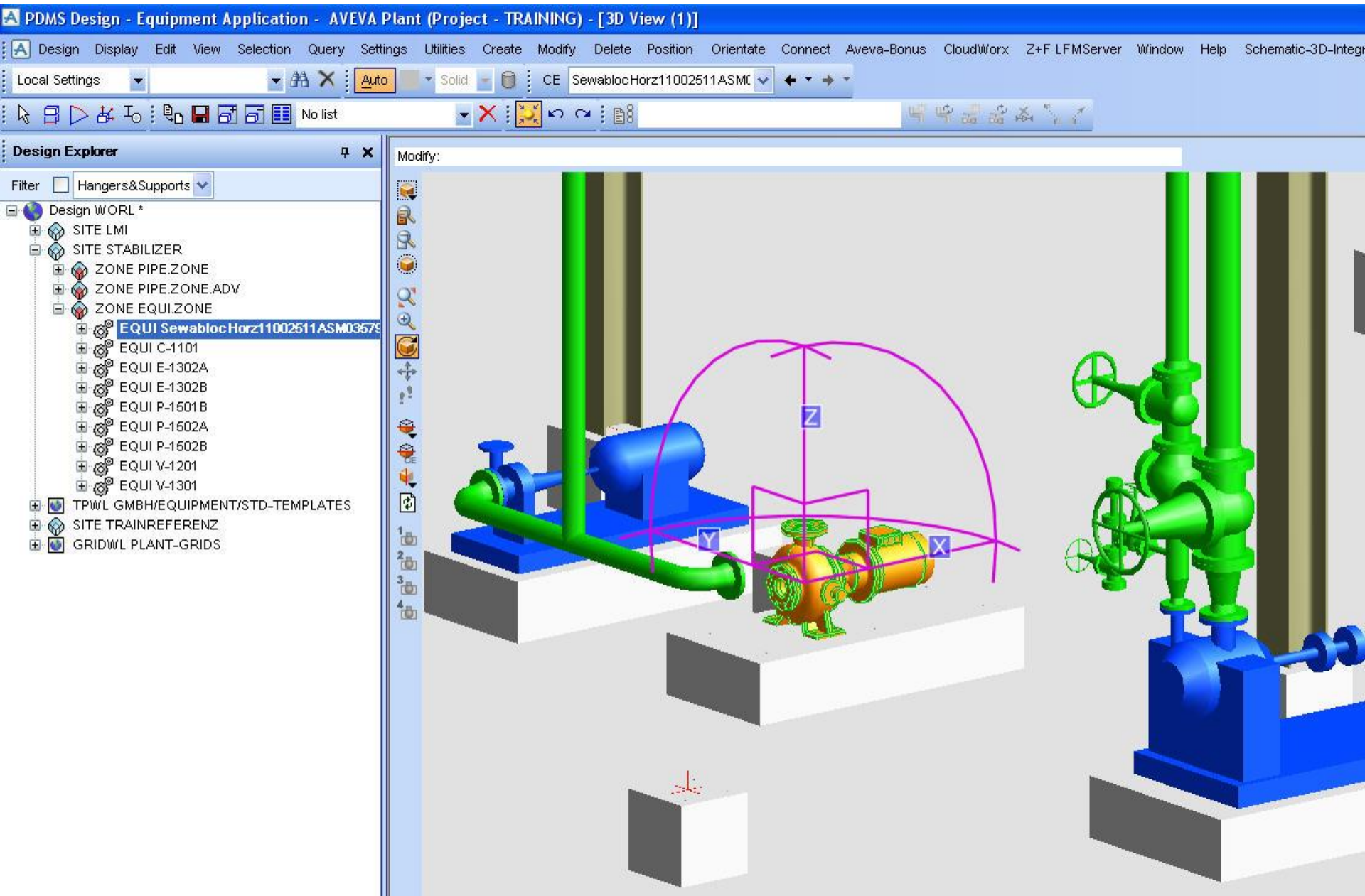


Lists & materials

	A	B	C	
1	NAME	TYPE	FUNKTION	P
2	/F-7001	EQUI	CAUSTIC	E 1551000mm N 8
3	/F-7002	EQUI	CAUSTIC	E 1556000mm N 8
4	/F-7005	EQUI	CAUSTIC	E 1561000mm N 8
5	/F-8002	EQUI	REGENERATOR	E 1510000mm N 8
6	/F-8003	EQUI	AMINE	E 1544000mm N 7
7	/F-8004	EQUI	CAUSTIC	E 1530000mm N 7
8	/F-8005	EQUI	WASH.WATER	E 1510000mm N 7
9	/F-8006	EQUI	CAUSTIC	E 1544000mm N 7
10	/F-8007	EQUI	REGEN.REBOIL	E 1507000mm N 8
11	/F-8008	EQUI	NEUTRALIZING	E 1530000mm N 8



AVEVA & CADENAS: Importing Parts



PDMS & Outfitting: Catalogs for all Assembly Sections

Construction & steel construction catalog

Instrument catalog

Pipeline catalog

Cable Catalog

HVAC Catalog

Specification: /CADCHVACSPEC (CAD view)

CADCHVACSPEC

Headings BEND

Name	PBOR0	STYP	Part Ref	Catalogue Ref	Detail Ref	Material Ref
/CADCHVACSPEC/RSBEND	BEND	0	RSBE	=0/0	RSBEND	Rectangular Square Bend
/CADCHVACSPEC/RRBEND	BEND	0	RRBE	=0/0	RRBEND	Rectangular Radiused Bend
/CADCHVACSPEC/CRB						
/CADCHVACSPEC/C3SE						
/CADCHVACSPEC/C5SE						
/CADCHVACSPEC/C4SE						
/CADCHVACSPEC/F3SE						
/CADCHVACSPEC/F3SE						
/CADCHVACSPEC/F4SE						
/CADCHVACSPEC/F4SE						
/CADCHVACSPEC/F5SE						
/CADCHVACSPEC/F5SE						

HVAC Rectangular Ductwork

Control

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