



# UniversalReporter

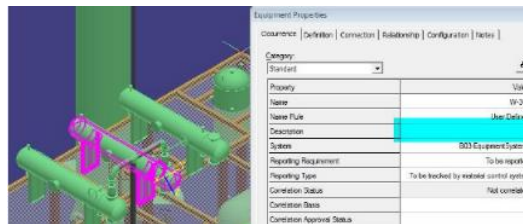
## Use Case 3: Update Smart 3D equipment data

### CHALLENGE

Data is stored in different locations/departments each having the ownership of parts of the data. Data must be imported in a controlled process to the Smart 3D application.

### WORKFLOW STEPS

1. Extract data from Smart 3D using **3D ReportAdapter**



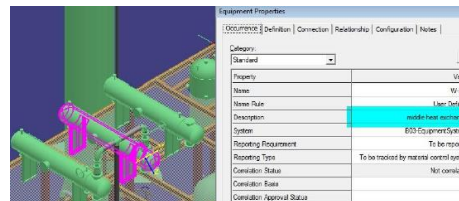
2. Receive Excel report from other department, including additional information

CAXperts Equipment List				
Name	Description	Supply Responsibility	Weight	Approval Status
K-001	tube cracker	Supp C	170	Approved
K-002	tube cracker	Supp B	230	New
W-301	left heat exchanger	Supp B	130	New
W-303	middle heat exchanger	Supp B	560	New
W-311	right heat exchanger	Supp B	380	Work

3. Import additional data from the Excel sheet to **UniversalReporter**

Equipm	Old Value_(of_De	Description	Equipment
W-311		right heat exchanger	
W-303		middle heat exchanger	
W-302			
W-301		left heat exchanger	
W-005			

4. Write imported data back to Smart 3D



### SOLUTION

- **UniversalReporter** allows importing of external data available in the familiar Microsoft Excel interface; the data can be from any other application or build up manually
- In addition **UniversalReporter** is able to create its own Excel reports, to allow persons not having access to Smart 3D to enhance and change 3D data

## About CAXperts

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