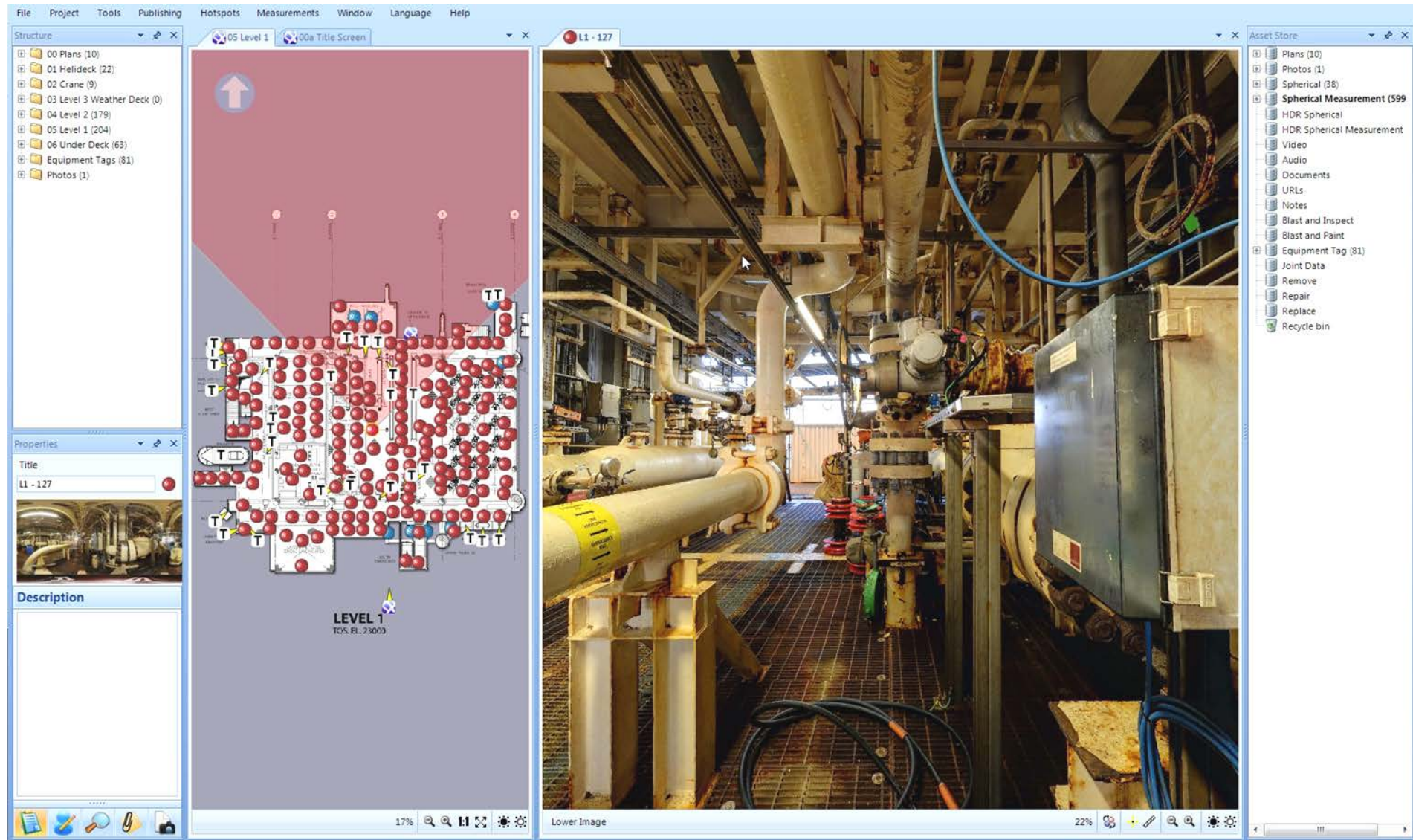


R2S[®]

Reducing Costs, Increasing Efficiencies
& Improving Collaboration

R2S



Not Yet Built

FILE PROJECT TOOLS PUBLISHING OVERLAYS MEASUREMENTS WINDOW LANGUAGE HELP

00 Title Screen 07 Cellar Deck CD - 047

Structure Properties

CELLAR DECK TOS EL.32500

EMERGENCY GENERATOR

PLAN ON CELLAR DECK TOS EL.32500

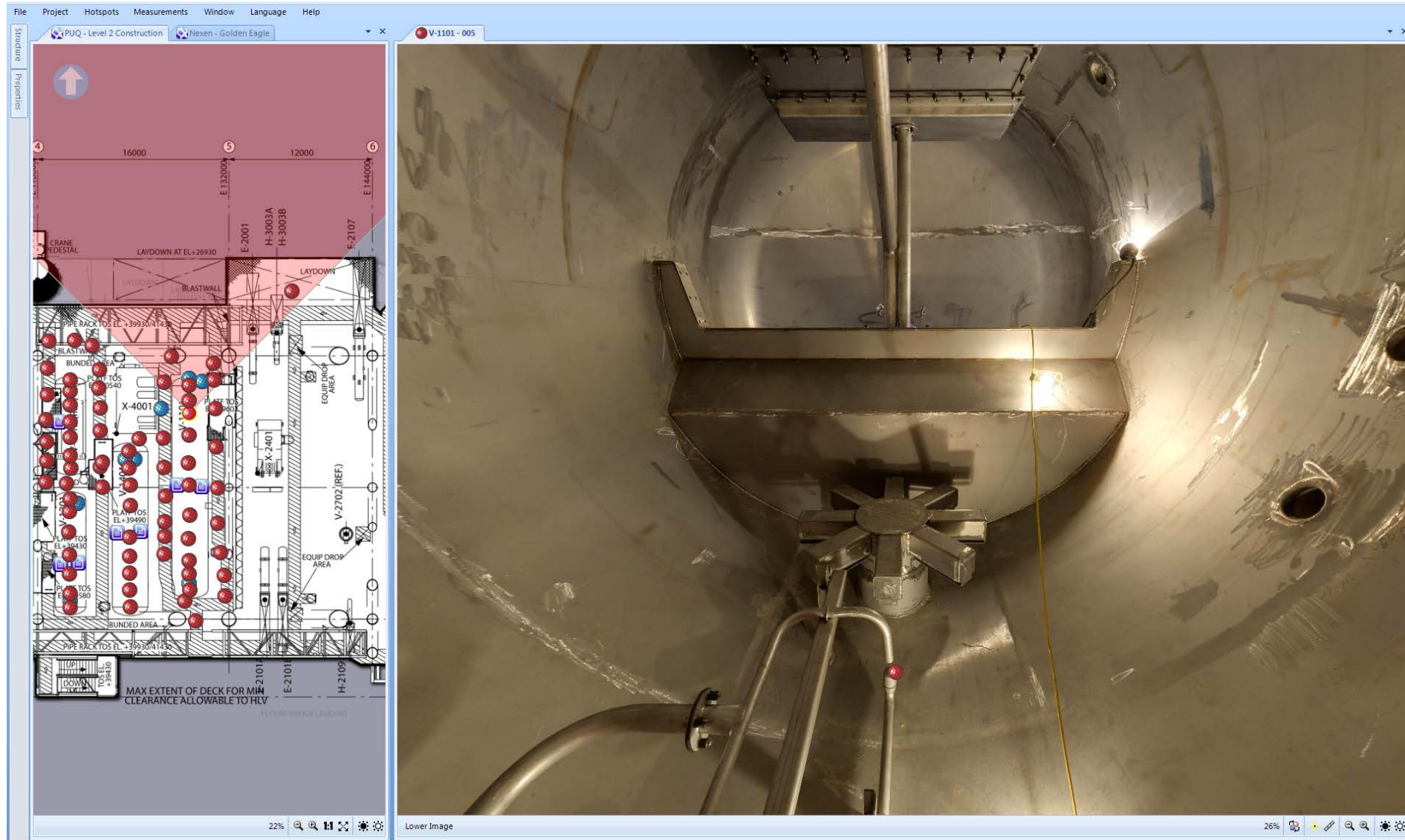
CELLAR DECK TOS EL.32500

Asset Store

- Plans (12)
- Photos (4)
- Spherical
- Spherical Measurement (551)
- HDR Spherical
- HDR Spherical Measurement
- Video
- Audio
- Documents
- Screen Grabs
- URLs
- Notes
- Comparisons
- Asset Register
- Blast and Inspect
- Blast and Paint
- CLASH
- Equipment Tag (128)
- Gate Valves (2)
- Integrity (7)
- Joint Data
- Produced Water Imp Proj (2)
- Repair
- Replace
- Recycle bin

36% Lower Image 52%

Prior to Commissioning

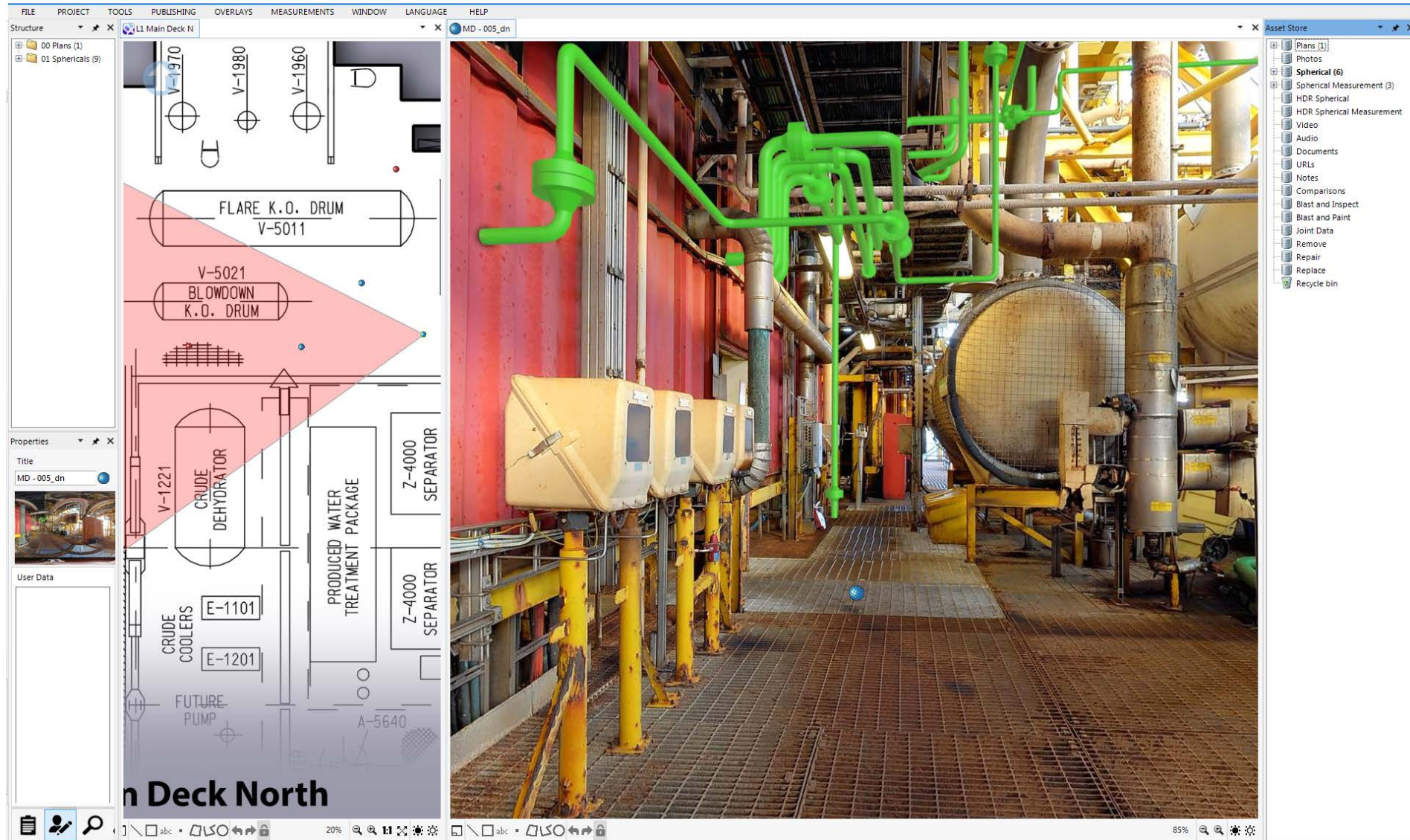


Operations & Maintenance

The screenshot displays a software interface for operations and maintenance, likely a 3D visualization tool. The interface is divided into several panels:

- Structure Panel (Left):** A tree view showing the project hierarchy. The 'Cellar' folder is expanded, showing various equipment tags (TW-1224, TW-2345, TW-3478, TW-6789, TW-7890, TW-1234, TW-5678, TW-3456, TW-4567) and sub-cellar components.
- Properties Panel (Left):** Shows the title 'CD - 096' and a small thumbnail image of the equipment. The 'User Data' section shows a 'Capture Date' of '10/02/2013 00:00'.
- Technical Drawing (Center):** A 2D schematic of the sub-cellar deck. It features various equipment tags (DB-2204, Q-9536, C-9085, C-9055, C-9056, DB-2102, DB-2005, DB-2006, DB-2007, DB-2001, DB-2103, DB-2010, C-9084, C-9081, C-9082, C-9083, C-9084, C-9085, C-9086, C-9087, C-9088, C-9089, C-9090, C-9091, C-9092, C-9093, C-9094, C-9095, C-9096, C-9097, C-9098, C-9099, C-9100) and labels such as 'BLAST/FIRE ZONE', 'LADDER SUB-CELLAR DECK', 'HP-MANIF', 'LP-MANIFOL', 'US-2001', 'DESCENDING JACKET ESCAPE LADDER', and 'BOUND'. Red and blue circles indicate specific measurement points or anomalies.
- Photograph (Right):** A 3D perspective view of the physical equipment, showing a large cylindrical tank with various pipes and valves. Red 'A' markers are overlaid on the image, corresponding to the measurement points in the technical drawing.
- Asset Store Panel (Right):** A list of assets and categories, including 'Plans (11)', 'Photos (2)', 'Spherical (34)', 'Spherical Measurement (707)', 'HDR Spherical', 'HDR Spherical Measurement', 'Video', 'Audio', 'Documents', 'URLs', 'Notes', 'Comparisons', 'Anomalies (11)', 'Blast and Inspect', 'Blast and Paint', 'Equipment Tags (127)', 'Joint Data', 'Remove', 'Repair', 'Replace', 'SCADA (4)', 'Sub Sea Plans (1)', and 'Recycle bin'.

Modifications



Life Extension Projects



Decommissioning

EARLY ENGAGEMENT

COLLABORATION

Decommissioning – Uses

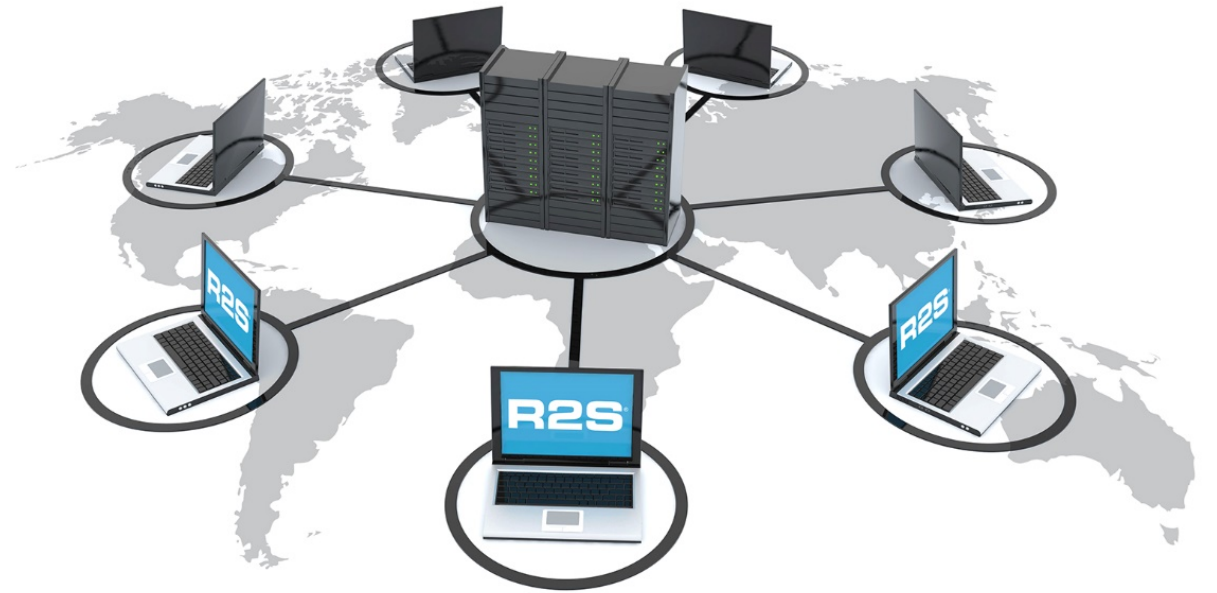
- Selection of the preferred bidders

Those wanting to bid for the work are given access to the model to enable them to see the scope of the project.

- Visual front end

R2S can interface with other web applications and server locations.

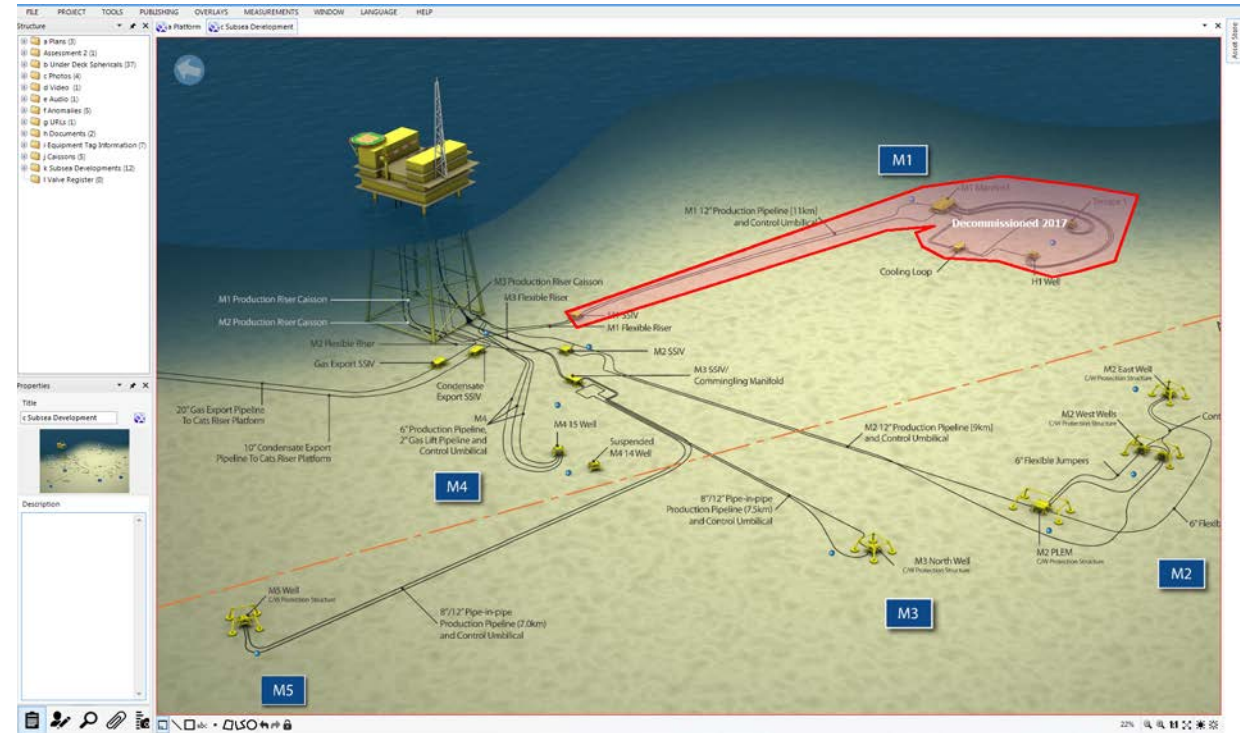
“the front end to a single source of truth”



Decommissioning – Uses

- Joined up thinking

By modelling subsea and jacket, all the elements of a decommissioning project can be planned and shared.

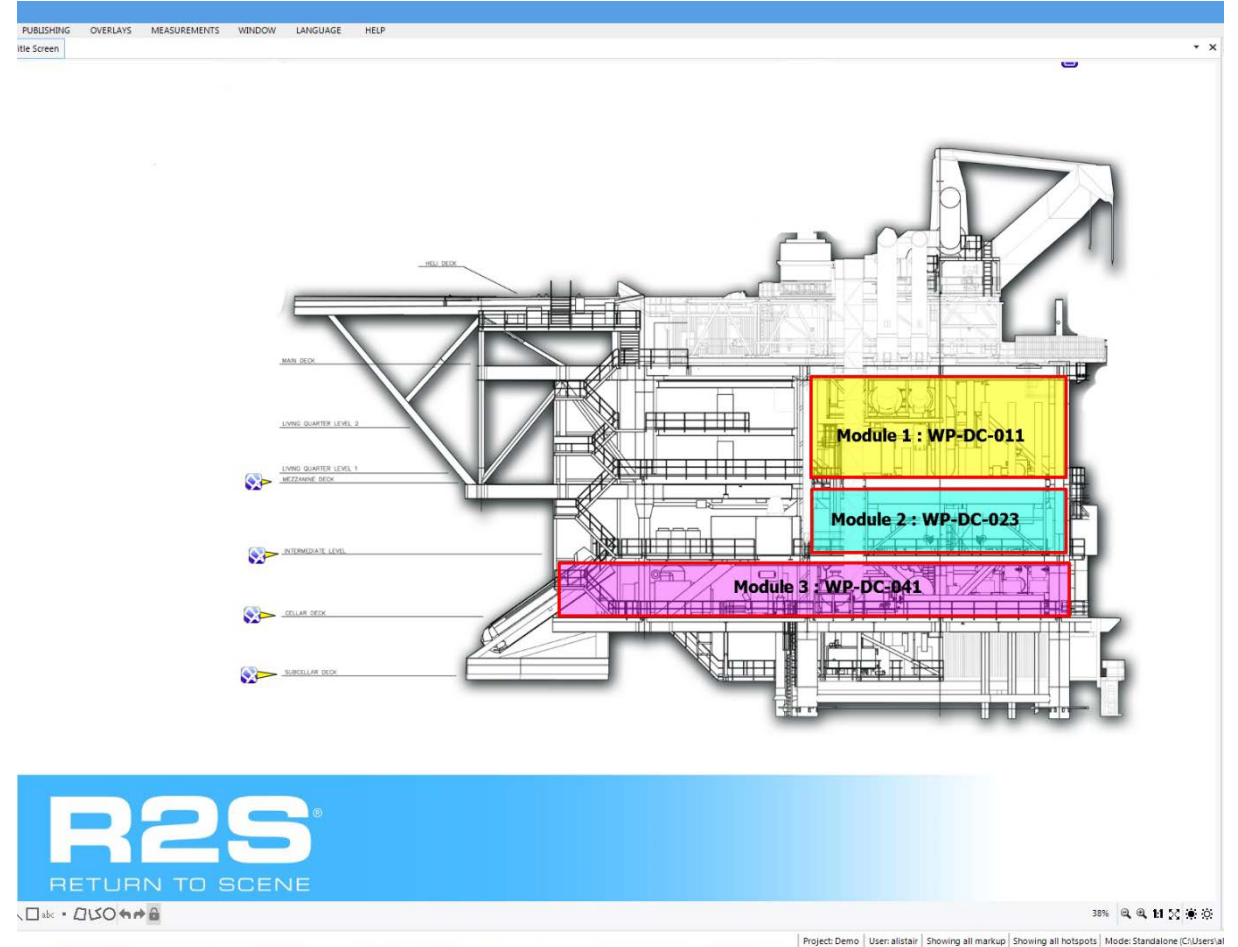


Decommissioning – Uses

- Identify Distinct Areas

Overlay R2S with shapes and text to identify individual modules, or break lines.

Link or embed the Lift Plan, Risk Assessments, ISSOW and other data.



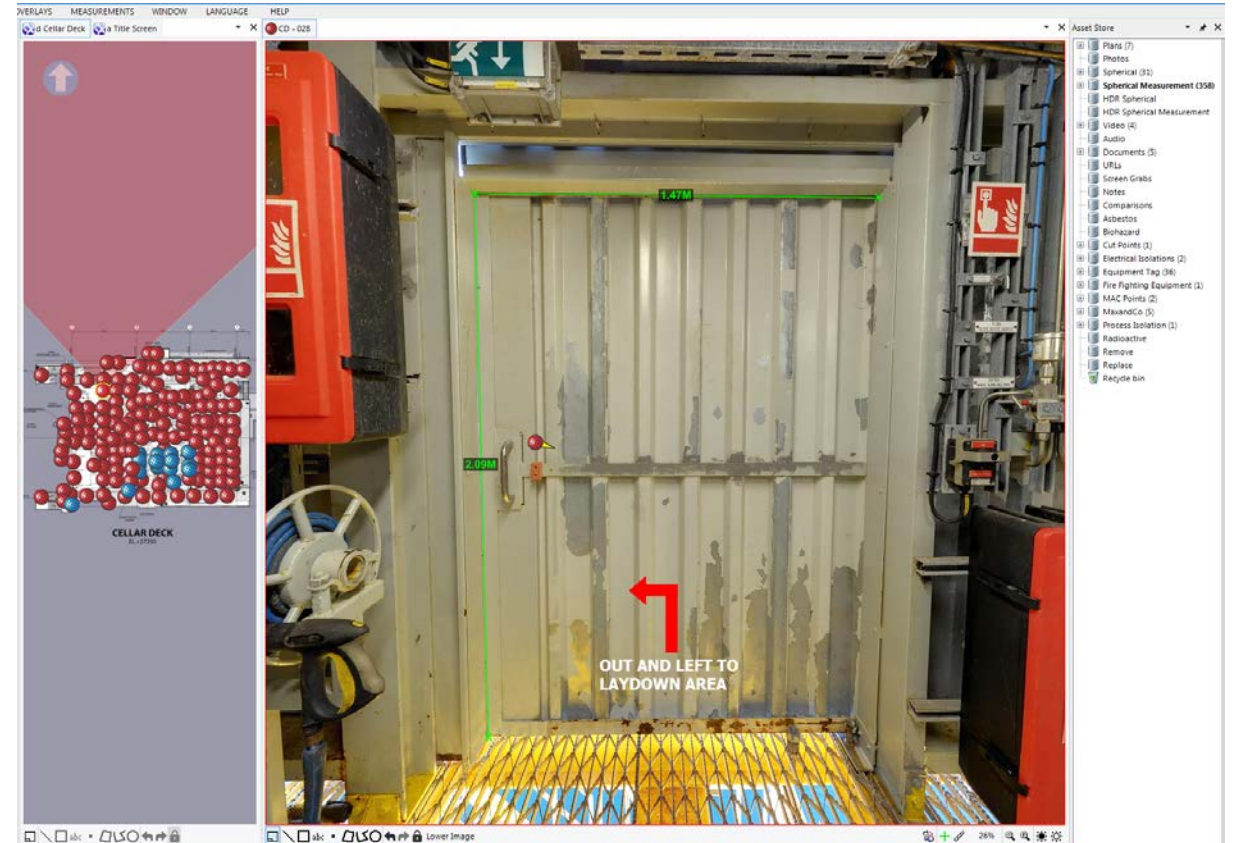
Decommissioning – Uses

- Carry out Measurement

For assisting moving equipment

Measure laydown areas

Measure available areas for additional accommodation.

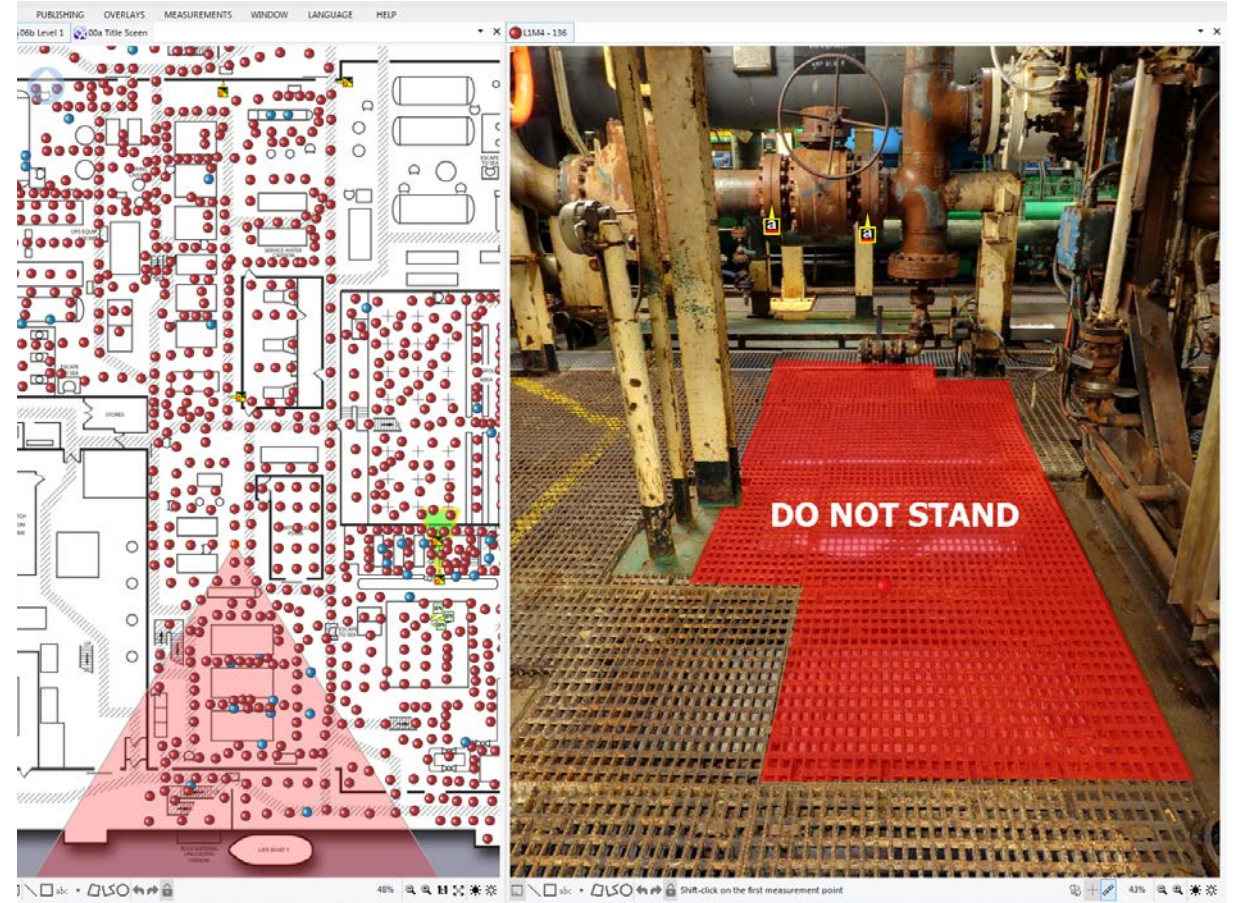


Decommissioning – Uses

- Hazard Identification

Identify potential hazards, tag them for reference. Create a register of all hazards, using the Structure Tree within R2S.

Clearly mark areas of potential concern.

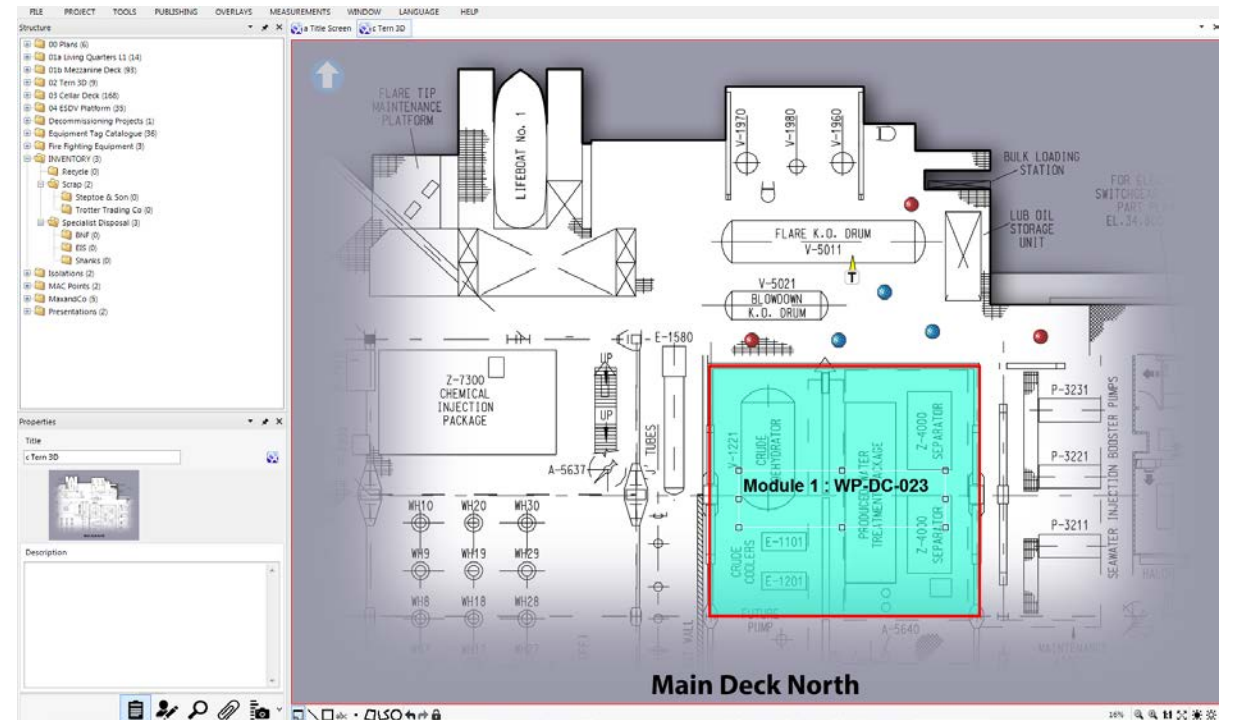


Decommissioning – Uses

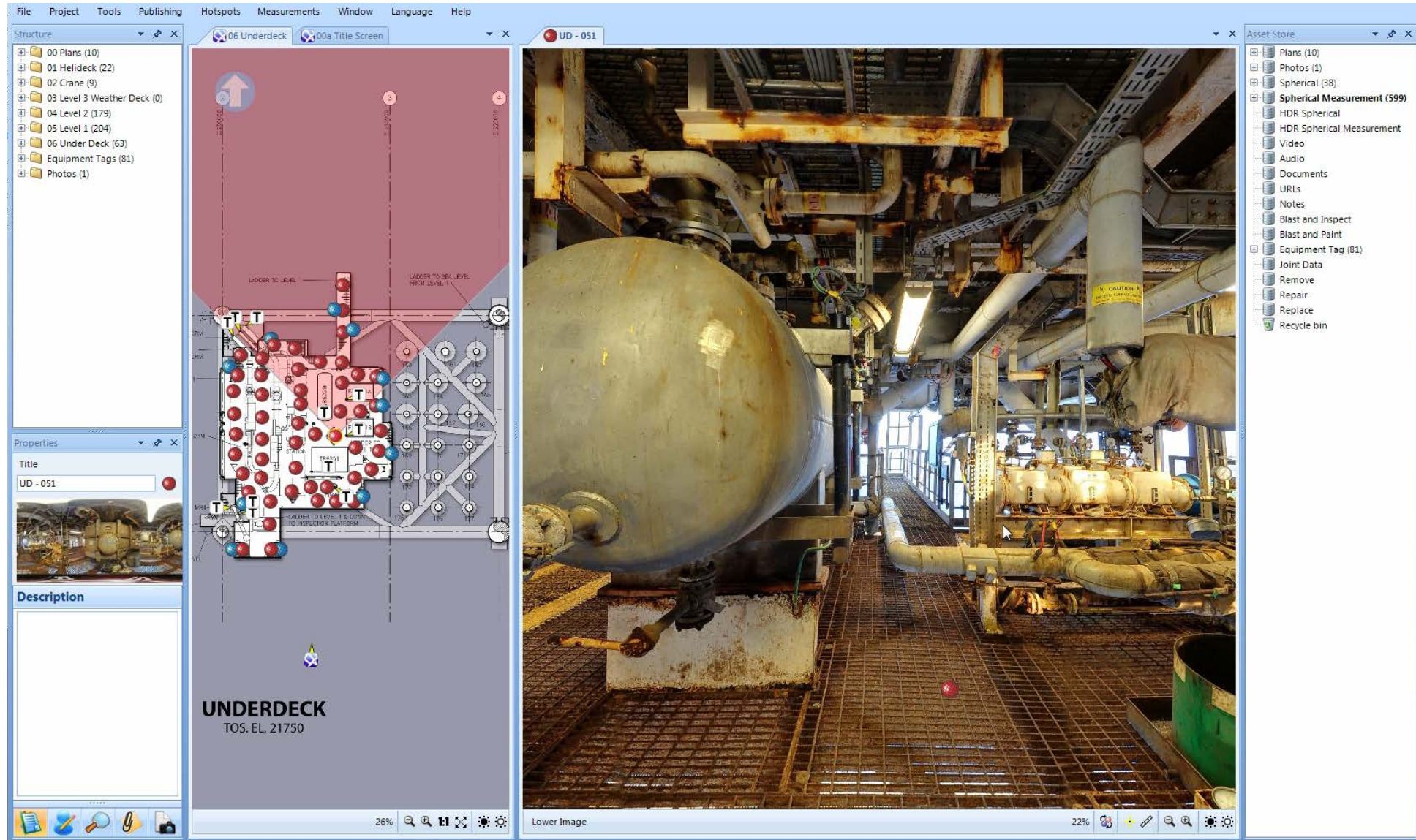
- **Inventory Materials**

Using the Structure Tree, create Folders and Sub-Folders to catalogue materials.

Attach documents related to materials for the purposes of tracking and record keeping.



Questions...



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