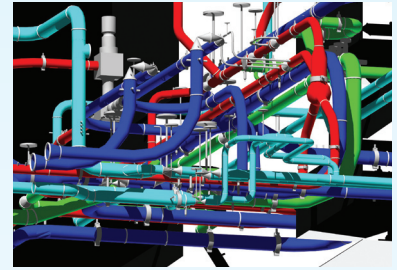


## Three Dimensional Plant Asset Register (PAR-3d)



PAR-3d is a facilities management system designed to address the specific plant history and information retrieval requirements of the Power Industry.

### The Problem

Haphazard numbering of steam pipework welds during manufacturing and in-service repair has led to inaccurate identification of plant components and inefficient storage and essential engineering drawings and inspection records.

### The Challenge

To provide a fully integrated system for linking essential records with CAD drawings which assist in setting up maintenance and inspection schedules, providing total access to all appropriate information needed to facilitate and optimise plant performance.

### Our Solution

To provide a fully relational interactive database where drawings, inspection records and plant details can be sorted, searched for and found and the click of a button. Information such as maintenance records, installation manuals, plant history, user Guides etc can be quickly retrieved.

### Product

PAR-3d is built on the powerful ArTrA platform and has been developed further to address the specific requirements of the Power Industry.

PAR-3d runs either as a stand alone product or as an enterprise version for large projects and consists of a number of modules; Archiver, Tracker, Librarian, Search, Bookmarks Module.

### Benefits

PAR-3d uses a NavisWorks engine and so has the ability to extract graphics and the associated design data from all the leading 3D CAD packages.

RWE npower Inspection Management would provide a project plan which would include:

- requirements analysis
- collection and capture capability
- conversion of 2D and 3D geo-spatial graphic models
- upload additional information and data to the model
- testing verification to meet customer requirements.