

## CASE STUDY



### MATERIALS MANAGEMENT



Working with numerous clients to increase their space optimisation, lead on vendor closures and drive cost reductions

### THE NEED

Many clients have warehousing that does not fully use the cube space. They also have significant legacy materials stored at vendors. Initial consolidation of third party storage can reap significant benefits. For one client this was in excess of £4 million.

### THE SOLUTION

Assess the layout and redesign the warehouse to maximise the storage density, ultimately making the warehouse safer, improve segregation of people and plant, whilst also improving the security and material flow.

This work has saved numerous clients over 7 figure values.

### THE BENEFITS

- Improve storage density and use of cube space that generates an immediate ROI
- Clear segregation of people, plant and product throughout the base
- Linear flow of operations and improved process space fit for current warehouse operations
- Clear appreciation of the storage profile and racking requirements for the material profile
- Improved safety and site security
- Close vendor and relocate materials
- Work completed in a timely and safe manner

### SPACE OPTIMISATION



### THE APPROACH

**Utilising the cube space available to consolidate third party storage into one location.**

1. Undertake a lean audit on the current layout
2. Assess the material profile from a space requirement perspective. Take a measure of the material
3. Assess the process area requirements
4. Use lean methodology to drive value and thinking about the warehouse redesign
5. Redesign the warehouse to maximise cube space and lean operations
6. Estimate costings for the redesign and calculate ROI
7. Prepare proposal for client management to approve along with MOC and plan
8. Execute plan