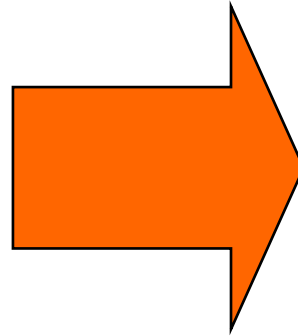


***Volumes growing rapidly...
(30% per annum)***



... but the service was creaking

- *Capacity constraints*
- *No planning board*
- *Not using 3D CAD properly*
- *Apprentices all leaving*
- *Factory layout compromised*
- *CNC breakdowns common*



Opportunity Assessment showed...

- *CNC programmers effectively redrawing Autocad 2D files*
- *Factory layout dictated too much transit and damage*
- *Rework and errors/scrap daily issue*
- *Purchasing, sourcing and planning responsibility unclear and unmanaged*
- *KPIs not in use so no one aware of how well they were doing*
- *Shop floor management inconsistent in approach to training and development*
- *Downtime/performance not measured on key CNC assets - product quality problems*
- *No preventive maintenance*

Drew up 'TOP 5' non Capex Improvement Plan to debottleneck plant and permit doubling of capacity

All design to be done in 3D Solidworks software reduces scrap, improves lead time 20%

Factory layout review moves from U to straight line, halves travel, damage, lead time

Identified 4-6% purchasing saving in 6months by appointment of 5 days/month professional

Introduce visual planning board and daily production meeting with supervisors

Introduce preventive maintenance to all CNC assets will increase uptime 10%