



Case study

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SIEMENS greenfield facility at Tonsley Park

Siemens Power Generation Services are a global leader in providing services for a wide range of rotating plant and equipment, specifically related to the power generation, oil and gas, mining, metals and petro-chemical industries in the Australia/New Zealand region.

SIEMENS

Challenge

Ensuring Siemens' new greenfield facility maximised the long-term potential of their investment and minimised implementation risks.

Solution

Apply Smart Factory® methodology to ensure optimisation of the workshop layout and processes to increase flexibility, reduce lead time, and to reduce capital cost and ongoing operational output and costs.

Result

Significant improvements achieved in safety, space utilisation, workshop productivity and reduced customer lead times determined along with lower implementation risks.

SIEMENS greenfield facility at Tonsley Park

The project scope

In 2013, Siemens committed to relocating their existing maintenance and repair centre from Lonsdale, Adelaide to a new \$5million, purpose-built facility in the Tonsley precinct. Siemens were at a critical phase in their workshop design, and needed to determine what size their facility needed to be. There was strong commercial pressure on maximising the value of any investments taken and ensuring future strategic opportunities could be captured should they arise. The team was looking to gain an independent analysis of their initial workshop design to ensure that their 'plan' was not oversized or wasting capital or too small,

requiring late changes or compromised ongoing operational costs.

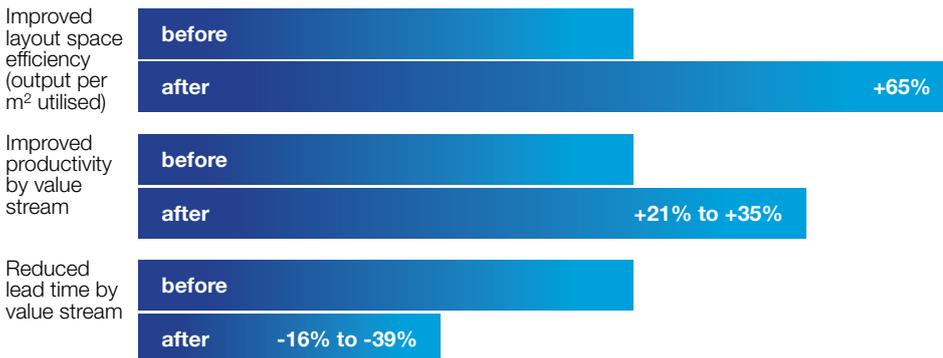
Advanced Focus's team of expert process, technical and managerial resources worked with the Siemens team and their construction partner to firstly understand the business opportunities, and then to determine the optimal process outcomes, including the workshop layout to provide a safe, efficient, and cost effective flexible solution. The detailed analysis, which incorporated a future workforce skills plan to build lean skills and a construction to production master launch plan, ensuring Siemens had a 'master blue print' and the best opportunity to enable its 'world class' vision.

Client comment

Advanced Focus worked closely with the team at Siemens to ensure we maximised the value of our facility investment. This pre-facility design planning increased the flexibility and potential income our facility can generate, whilst also greatly reducing the project risks associated with the development of a complex facility.

Michael Bielinski, Business Unit Manager

Project benchmarks - as planned



Service checklist

The services indicated below were utilised in this project.

Knowledge

- Skills planning and development
- Management and workforce training
- Coaching and mentoring

Insights

- Strategy, innovation and change management
- Auditing and benchmarking
- Productivity identification and planning

Solutions

- Smart Factory® planning
- Project management and productivity intervention
- Direct management or technical resource (supply)