



Case study

06

Axis Manufacture's new factory and validation

Axis Manufacture is a specialist company providing environmentally friendly coatings and sealants for the construction, transport and infrastructure industries throughout the Asia Pacific region



Challenge

Validate anticipated growth of some 450%.

Solution

Conduct a production planning exercise to validate the logistics, production layout and storage, staff and system requirements for their greenfield production factory using lean tools.

Result

Optimisation of plant layout and development of a blueprint for rapid growth covering human resources, materials and systems.

Axis Manufacture's new factory and validation

The project scope

Managing Director, Mr Phil Scardigno said "When it came to the design of a new factory, we didn't want to find we were meeting short-term demand at the expense of long-term goals. But we did not have a crystal ball, we didn't have visibility. Within days of commencing work, Advanced Focus (formerly known as Manufacturing Focus) had analysed, measured and reported on every process to maximise efficiencies in Axis' new factory layout. Their team of experience engineers value-stream mapped current and future states of the Axis business based on Lean layout principles, to enable high visibility into and control over production."

"What surprised me was the speed with which they worked." Mr Scardigno said. "They hit the ground running, analysing every aspect

of the operation, from the moment the truck arrived with raw material to when it left with the finished product."

But much more than maximising efficiencies in the current plant, Advanced Focus was able to consider all the likely scenarios, incorporating sales projections, growth patterns and industry trends.

"They were able to give me clear direction," Mr Scardigno said. "They assessed the gaps, not just in the physical building but in the skills and systems. And they were precise. At what point do I need two shifts, when do I need three? When will I need another factory, how many people, what equipment?"

They gave me a timeline and roadmap for the plant, matched to the sales plan."

Client comment

[Advanced Focus] are not just consultants, they get deeply involved and have highly specialised knowledge. In a very short time span, they have given us a lot of clarity. We could now see not just our goals, but the steps we needed to take to reach those goals. You can sum it up in the word 'confidence'. They gave us confidence in our investments.

Mr Phil Scardigno - Managing Director, Axis Manufacture

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)

