



# Lean Six Sigma Deployment in the Electronics Industry

## *Project & Candidate Selection & Coaching of Senior Management Teams*

### The Challenge

Our challenge was to develop a process that aided the Senior Management teams of a number of facilities of a global electronics manufacturer, based in the UK, in the identification and selection of strategically aligned, potential Lean Six Sigma projects.

Also, in the assessment and recommendation of the correct calibre of staff to be trained as the initial pool of Lean Six Sigma Black Belts to execute these projects.

Further, the provision of suitable coaching of the Senior teams to assist them in managing the LSS deployment locally.

### What our client says about us

*'Renault-Nissan Consulting brought an independent skill set, delivered with flexibility, honesty and pragmatism.*

*Their approach can be altered to be truly fit for purpose, dependant upon the structure or organisation where it is being deployed to ensure highly successful outcomes.'*

Electronics Manufacturer -  
Senior Team Member.

### The Solution

Working closely with the Operation Excellence Leader for a global electronics company and local Senior Managers at each facility, we identified suitable project areas, with proven links to strategically aligned objectives, for execution by the pool of Black Belt talent.

Projects were selected by looking at and ranking - in terms of business importance - the core processes for a facility and assessing how these processes performed against a set of business values.

Black Belts were selected via a 3 step process – a knowledge self-assessment of the topics to be covered during the training, a presentation based upon an operationally centred problem solving scenario and a formal interview.

Almost as soon as the Black Belt training commenced, the Senior Management teams began to realise that they needed to gain new skills to be able to manage both the project pipeline and the Black Belts and to gain an understanding of a new set of language.

Coaching of Senior Management teams was facilitated by our highly experienced Master Black Belt – covering a range of areas, including: Project Reviews and the DMAIC framework, Risk Management, Project Sponsorship and Strategic Deployment via a data driven approach.

### The Results

- ✓ **Validated monthly financial benefits of ~£40K to £50K (circa £600K total in year 1 – validated)**
- ✓ **Generated an enthusiasm and momentum within the Business Units**
- ✓ **Facilitated direct control over Labour costs, that had previously not been proven with data**
- ✓ **Freed up key personnel to deliver unit wide benefits, instead of fire-fighting**

### Key Successes

- **Enhanced Teamwork**
- **Wide understanding of a common language and a set of tools that work**
- **Acceptance of the Lean Sigma Toolset by a Traditional Engineering community**