

DFMA Workshops

Hands-on DFMA workshops help teams quickly and effectively begin to use and implement DFMA on their own product designs. This workshop begins with introductions to the DFMA techniques and concludes with analyses of your own products conducted by your design teams, it's the ideal way to learn and use DFMA on familiar product designs and is the perfect foundation for ongoing application and integration of DFMA into your own development process.

Workshop Benefits:

- Trains teams in the principles and benefits of DFMA strategies
- Provides a hands-on understanding of how DFMA works in new product introduction
- Leaves participants with a thorough understanding of the theories behind DFMA along with case-study examples of the success of these tools
- Provides a structured example of team use from which to build their own programs
- Helps users realise immediate design improvements on their own company products
- Encourages design creativity, teamwork and innovation

Workshop potential results:

- Lower overall product cost
- Improve assembly and manufacturing efficiency
- Increase customer satisfaction
- Enhance product quality and reliability
- Reduce time-to-market launch cycles
- Eliminate number of post-release design changes
- Improve Ease of service, repair and recycling
- Reduce overhead requirements for design, operations and support functions

Agenda to suit your requirements

The agenda can easily be tailored to meet your specific needs. A three day workshop is recommended when complex products will be analysed and for developing DFM component costs resulting from DFA analysis work.

Two-day Implementation Workshop

Day One

- Overview of DFMA.
- Introduction to the DFA theory and methodology.
- DFA worksheet exercise of a small sample product.
- DFA Software introduction.

- DFA software analysis of your selected product.

Day Two

- Introduction to DFM Software – as relevant to your organisation.
- Selective application of DFM software on known parts
- Develop redesign ideas and categorise concepts for your product's redesign (from the previous day's DFA software analyses).
- DFA and DFM software analyses of your redesigns.
- Compile analysis results and comparisons, 'before and after' design results, etc.
- Presentation of DFMA analysis results to the group and management.

Three-day Workshop

In addition to the two day agenda, the 3-day workshop agenda provides additional time for:

- Larger or more complex product designs
- Groups of more than 15 delegates
- Supplier involvement in the DFMA and redesign effort
- Stock-take and prioritise next steps in the redesign effort.
- Facilitate and categorise redesign ideas and concepts
- Overview of the DFA and DFM software libraries.
- Quantify the potential for savings, next steps, etc.

Two and three day DFMA 'Workshops are conducted onsite at your location or nearby for groups of up to twelve (12) delegates. Three day workshops can accommodate fifteen or more delegates.

Contact Us

Our contact details are below. We welcome the opportunity to discuss your workshop requirements with you and to provide our recommendation on suitable workshop format and agendas.