

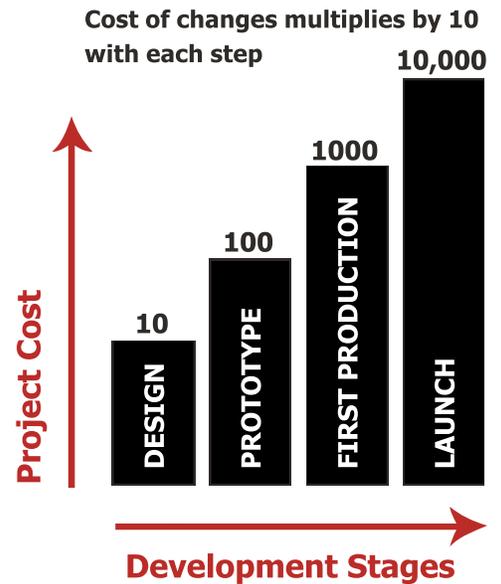


## Success Story: Design for Manufacturing

The client in this story is the Medical Analytics Product Division of a Tier 1 Original Equipment Manufacturer (OEM). After acquiring a start-up company with a new cutting edge medical analytics product, the client was faced with two major challenges.

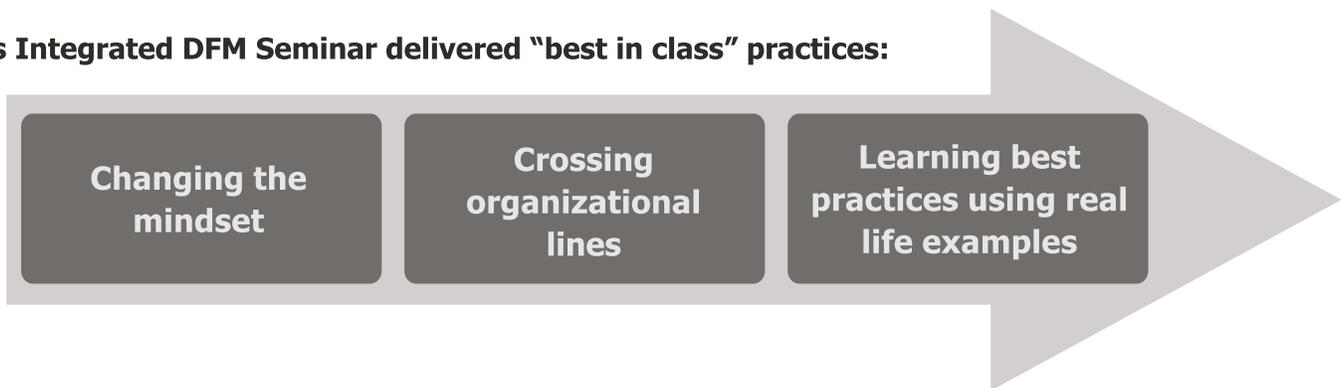
- Integrating an inexperienced development team into a structured product development environment.
- Meeting an aggressive transition schedule for manufacturing of the product from a U.S. to Asian facility.

**Failing to meet these challenges would result in product launch delays caused by procurement setbacks, elevated manufacturing defects, and higher field failure rates.**



The Tier 1 OEM compiled a detailed analysis containing each department's training needs; the determination was made to implement PRG's Design for Manufacturing (DFM) training and product analysis. In order to fulfill the client's specific requirements and personnel schedules, PRG customized the standard DFM training course, which was broken into multiple half-day sessions. These sessions were presented onsite to accommodate each student's busy schedule and provided sufficient time for homework completion.

### PRG's Integrated DFM Seminar delivered "best in class" practices:



Tier 1 OEM is a multi-billion dollar fortune 100 company with established technology presence in the global marketplace. Medical Products Division is a market leader in both product and services offerings. History of developing technology internally, but recently has acquired smaller companies with complementary technologies to gain leadership in key product areas.



## Success Story: Design for Manufacturing (continued)

The customized training delivered current DFM best practices accompanied by real world electro-mechanical examples.

### Improved Design for Manufacturability

During the training students were asked to perform a detailed analysis of their product; and as a result identified multiple cost reduction and manufacturing improvements.

### Supported release schedule and transition of offshore facility

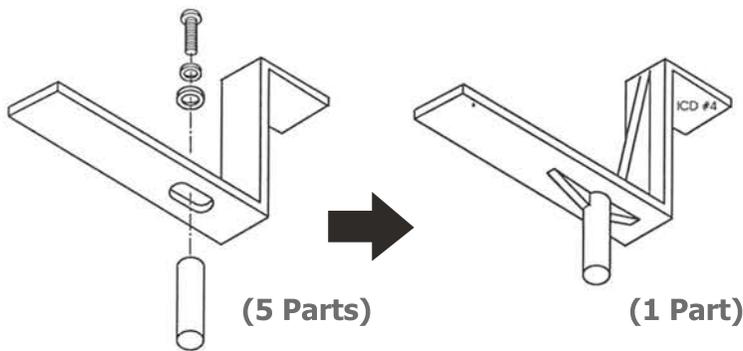
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PRG’s integrated DFM seminar and product analysis delivered “best in class” design practices that enabled us to meet aggressive release schedules, achieve lower costs, and improved global collaboration.

Senior R&D  
Mechanical Engineer

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#### Example of Part Reduction



The DFM instruction delivered a common development framework at both US and Asian-based facilities – spanning design through field service. PRG’s proven training structure enabled better collaboration between the OEM’s global facilities and their associated departments, resulting in a smoother transition from product development to manufacturing, which ultimately accelerated the product development process.

Raising engineering’s understanding of best practices created a common development language for the next generation products. This training combined with a detailed product analysis delivered a foundation for the client to achieve lower costs, fewer defects, and improved global collaboration.

The Product Realization Group (PRG) is the only integrated group of trusted companies that offer a one-stop-shop of product lifecycle services tailored for high technology businesses. PRG enables rapid and cost effective introduction of products to the market, regulatory compliance, manufacturing, service, and lifecycle support. Engagements are tailored to fit business and product profiles. Twenty PRG Partners currently deliver services to over 400 clients in 20 markets.

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