

BIOGRAPHY



Michael R. Donoghue

Design Prophet, Munro & Associates, Inc.

With over thirty years of experience in new product development, design and manufacturing engineering, Michael Donoghue offers clients special expertise in the consultation, facilitation, implementation, and training of Design Profit / Lean Design methods for new product development processes, products and design improvements

Michael has a proven track record in helping clients achieve dramatic improvements in product design, cost and quality. His assistance in applying concurrent engineering principles of Lean Design has helped numerous companies enhance their products while improving quality and profitability.

Michael has consulted on an international basis with companies in multiple industries including automotive, defense, medical devices, semiconductor equipment, aerospace, industrial, and many others. Michael's prior experience was in the medical device industry and he holds a Bachelor of Science degree in Electrical Engineering Technology and a Master's of Science Degree in Manufacturing Systems Engineering.

Before joining Munro & Associates in 2000, Michael had been a consultant and concurrent product/manufacturing process developer (CP/PD) for International TechneGroup, Inc. in Milford, Ohio. There, he led and managed product development process improvement projects, provided CP/PD consulting services to international manufacturing clients and developed new methods and materials.

Prior to this, Michael had his own consulting firm, where he provided concurrent engineering and DFM/DFA training to manufacturing clients. As a Certified DFMA Trainer, he led DFM/DFA workshops to facilitate an increase in manufacturing productivity for corporate clients.

From 1989 to 1996, while employed in various engineering positions at Respirationics, Inc., Michael was responsible for maximizing the design for manufacturing/concurrent engineering efforts of the \$100 million medical products manufacturer.

Earlier, Michael served in several positions of increasing responsibility for Pittsburgh-based Dymax Corp., including electronic design engineer, manufacturing engineer, production supervisor and electronics engineering technician.

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Michael earned a Bachelor of Science degree in electrical engineering technology from Point Park University in Pittsburgh. He also earned a master's of science degree in manufacturing systems engineering from the University of Pittsburgh. An active member of the Society of Manufacturing Engineers and Society of Concurrent Engineering, Michael has presented at the International Forum on Design for Manufacturing and Assembly, GVSETS, and was the key note speaker at the ISID CAE Solutions Conference 2007 in Tokyo, Japan.

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