# Digest

# 2003 Quality Sourcebook

# Six Sigma

oneywell, GE and Motorola have done it; small businesses have their eyes on it, too. Indeed, Six Sigma has become the rising star in process improvement and quality management.

During the last year, *Quality Digest* has featured several articles regarding the latest innovations in Six Sigma. The March 2002 issue features the article "Six Sigma and Process Simulation," which comes in handy for those interested in learning about the relationship between Six Sigma and computer modeling. Also check out our April and May 2002 issues to read D.H. Stamatis' "Guidelines for Six Sigma Design Review," which guides you through successful implementation of Six Sigma's design-measure-analyze-improve-control model. These articles can be found at *Quality Digest's* Web site, *www.qualitydigest.com*.

#### Six Sigma Guide

#### Six Sigma Software and Services Directory ......119

Listed alphabetically by company name, the guide contains nearly 250 Six Sigma software and/or service providers. This directory includes company name, address, phone and fax numbers, Web address, and a brief description of the organization's offerings. (Please note that not all companies provided us with descriptions.) If your favorite consultant, trainer or software provider isn't listed in this year's guide, we apologize. Organizations were contacted several times, and we've only included those that responded to our requests for information.

As with all *Quality Digest* guides, the Six Sigma Guide is in no way meant to endorse or exclude a particular organization. Rather, it's meant to be used as a starting point in the datagathering process. Readers are encouraged to contact the companies directly for more information and to ask for—and check— references.

We appreciate any feedback you have on our Six Sigma Guide. If you have any suggestions for how we can improve this guide for next year, e-mail them to *sourcebook@quality digest.com*.

# Glossary

**Green Belt**—a person with working knowledge of Six Sigma methodology and tools, who has completed training and a project to drive high-impact business results **Black Belt**—a highly skilled Six Sigma expert who has completed four weeks of classroom learning and, over the course of four to six months, demonstrated mastery of the tools through the completion of a major process improvement project

**Master Black Belt**—the Six Sigma expert most highly skilled in the methodologies of variation reduction. After a year-long project-based certification program, Master Black Belts train and mentor Black Belts, help select and lead high-value projects, maintain the integrity of measurements, and develop and revise Six Sigma learning materials. **Lean Expert**—a person who has completed four weeks of lean training and one or more projects that have demonstrated significant, auditable business results and the appropriate application of Six Sigma Plus lean tools

**Lean Master**—a person highly skilled in implementing lean principles and lean tool utilization in diverse business environments. Certification involves one year of intense study and practice in advanced lean tools, teaching and mentoring.

**DFSS**—design for Six Sigma. Methodology using tools, training and measurements to enable the design of products and processes that meet customer expectations and can be produced at Six Sigma quality levels.

**DMAIC**—define, measure, analyze, improve and control. A systematic, closed-loop process for continued improvement that eliminates unproductive steps, focuses on new measurements and applies technology for improvement.



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Affiliated Educational Consultants provides training and customized professional services in Six Sigma for large, medium-sized and small organizations. These services include public seminars, management overviews, and the training of Green Belts, Black Belts, Master Black Belts and Champions. AEC also provides Six Sigma implementation services.



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Air Academy Associates specializes in reducing waste and minimizing variation in products and processes through training and consulting in Six Sigma. Our program offerings include executive overviews, Champion training and consulting, Green Belt and Black Belt training, project mentoring, Six Sigma for transactional audiences, and design for Six Sigma. Our training programs feature fully integrated textbooks, student guides and software, such as SPC XL, DOE PRO and DFSS Master Excel-based packages.

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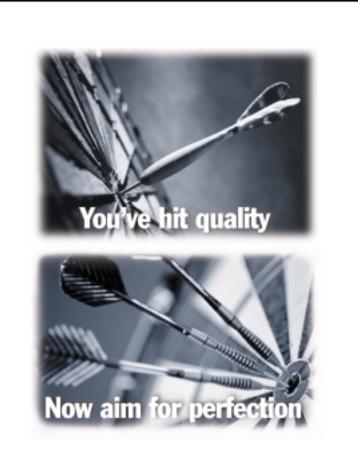
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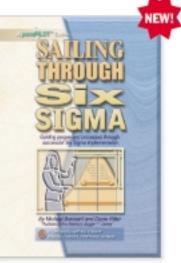
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