



# U.S. ARMY WAR COLLEGE

## LIBRARY NOTES

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### LEAN SIX SIGMA

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June 2006

This bibliography serves as a guide to USAWC Library and Internet resources on Lean Six Sigma (LSS). LSS is the combination of the processes of Lean Production and Six Sigma quality improvement. Particular emphasis is placed on introductory texts and implementation material from DoD and other governmental agencies.

Many items are available electronically via the Library's subscription databases or the Internet. For your convenience, links to those items are provided. Call numbers were added at the end of each book or document entry to indicate the item's shelf location in our library. All Internet resources were accessed as of May 2006.

### BOOKS

Bertels, Thomas, ed. *Rath & Strong's Six Sigma Leadership Handbook*. Hoboken: John Wiley & Sons, 2003. 566pp. (TS156 .R17 2003)

Devane, Tom. *Integrating Lean Six Sigma and High-Performance Organizations: Leading the Charge toward Dramatic, Rapid, and Sustainable Improvement*. San Francisco: Pfeiffer, 2004. 404pp. (HD58.9 .D48 2004)

Eckes, George. *The Six Sigma Revolution: How General Electric and Others Turned Process into Profits*. New York: John Wiley & Sons, 2001. 274pp. (TS156.8 .E25 2001)

George, Michael L., Dave Rowlands, and Bill Kastle. *What is Lean Six Sigma?* New York: McGraw-Hill, 2004. 92pp. (TS156 .G46 2004)

Goldsby, Thomas J, and Robert Martichenko. *Lean Six Sigma Logistics: Strategic Development to Operational Success*. Boca Raton: J. Ross, 2005. 282pp. (HD38.5 .G65 2005)

Jordan, James A., Jr., and Frederick J. Michel. *The Lean Company: Making the Right Choices*. Dearborn, MI: Society of Manufacturing Engineers, 2001. 344pp. (HD9720.5 .J56 2001)

Lareau, William. "The Lean Daily Management System." In *Office Kaizen: Transforming Office Operations into a Strategic Competitive Advantage*, 73-83. Milwaukee, WI: ASQ Quality Press, 2003. (HD58.8 .L16 2003)

Murman, Earl, et al. *Lean Enterprise Value: Insights from MIT's Lean Aerospace Initiative*. New York: Palgrave, 2002. 344pp. (TL685.3 .L21 2002)

Pande, Peter S., Robert P. Neuman, and Roland R. Cavanagh. *The Six Sigma Way: How GE, Motorola, and Other Top Companies Are Honing Their Performance* [electronic book]. New York: McGraw-Hill Professional, 2000. For personnel with access to AKO only; NetLibrary is a service provided by the Army Libraries through AKO.

Welch, Jack, and John A. Byrne. "Six Sigma and Beyond." In *Jack: Straight from the Gut*. New York: Warner Business Books, 2001. (HD9697.A3 .U58 2001)

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Womack, James P., Daniel T. Jones, and Daniel Roos. *The Machine That Changed the World: How Japan's Secret Weapon in the Global Auto Wars Will Revolutionize Western Industry*. New York: Rawson Associates, 1991. 323pp. (HD9710 .J32 W55 1991)

## ARTICLES

Brett, Charles, and Patrick Queen. "Streamlining Enterprise Records Management with Lean Six Sigma." *Information Management Journal* 39 (November/December 2005): 58-62. [ProQuest](#)

Cavas, Christopher P. "Building More Efficient Support for Navy's Ships." *Federal Times* 41 (28 March 2005): 22.

Conklin, Joseph D. "DOE and Six Sigma." *Quality Progress* 37 (March 2004): 66-69. [ProQuest](#)

Cooper, Nancy Page, and Pat Noonan. "Do Teams and Six Sigma Go Together?" *Quality Progress* 36 (June 2003): 25-28. [ProQuest](#)

Copeland, Shirley. "U.S. Naval Sea Systems Command's 'Lean' Initiative Improves Business Practice." *Transformation* 19 November 2004. Journal on-line. <http://www.defenselink.mil/transformation/articles/2004-11/ta111904d.html>

Dolan, Tom. "Best Practices in Process Improvement." *Quality Progress* 36 (August 2003): 23-28. [ProQuest](#)

Edgeman, Rick L., and David I. Bigio. "Six Sigma in Metaphor: Heresy or Holy Writ." *Quality Progress* 37 (January 2004): 25-29. [ProQuest](#)

Giufurta, Charles J., and Kim Dunham. "Six Sigma Approach Adds Discipline to Excalibur Program Work Practices: Improving Process Control for Development Test Hardware." *PM: Program Manager* July-August 2003. Journal on-line. <http://www.dau.mil/pubs/pm/pmpdf03/july/jul-aug03.pdf>

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Gupta, Anirban. "From Conflict to Collaboration." *Quality Progress* 37 (January 2004): 76-77. [ProQuest](#)

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Patton, Fred. "Does Six Sigma Work in Service Industries?" *Quality Progress* 38 (September 2005): 55-60. [ProQuest](#)

Quiqley, Samantha L. "DoD Adopts New Business Practices to Manage Supply Chain." *Armed Forces Information Services News Articles* 21 September 2005. [http://www.defenselink.mil/news/Sep2005/20050921\\_2813.html](http://www.defenselink.mil/news/Sep2005/20050921_2813.html)

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Smith, Dick, and Jerry Blakeslee. "The New Strategic Six Sigma." *T+D* 56 (September 2002): 45-52. [ProQuest](#)

Thornton, Anna. "Minimize Your Waste Line." *Quality Progress* 38 (January 2005): 33. [ProQuest](#)

Watkins, Steven. "Cheaper, Faster, Better Programs." *Federal Times* 41 (6 June 2005): 1-7.

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Wilson, J.R. "Former Commander Cites Successes at 'Lean' Army Material Command." *Federal Times* 40 (13 December 2004): 8.

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Hutton, Thomas C. *ACE vs. Six Sigma: Achieving Competitive Excellence versus Six Sigma*. Thesis. Massachusetts Institute of Technology, 2005. <http://hdl.handle.net/1721.1/17898>

## **DEFENSE SITES**

U.S. Army PEO EIS & Software Engineering Center: Enterprise Solutions Competency Center. "CPI Tools." Provides a set of tools and best practices for various Continuous Process Improvement systems such as Lean Manufacturing and Six Sigma. <http://www.army.mil/aeioo/cpi/tools.htm>

U.S. Army e-Learning Program. "U.S. Army e-Learning Program Listings as of 1/1/2006." For personnel with access to AKO. The U.S. Army Skillport provides access to Six Sigma Learning modules for individual development. Courses are listed on pages 4-5. <https://usarmy.skillport.com/rkusarmy/login/usarmylogin.cfm>

## **OTHER WEBSITES**

General Electric. "Six Sigma." As one of the adopters of Six Sigma, General Electric has transformed its corporate environment and realized significant savings. This resource provides an excellent overview of what Six Sigma has meant for the company. <http://www.ge.com/sixsigma/>

George Group. "Lean Six Sigma – Executive Insight." The George Group is one of the leading consulting firms for the implementation of Lean Six Sigma, with customers such as Xerox, Halliburton, General Electric, and Geico. [http://www.georgegroup.com/lean\\_six\\_sigma.php](http://www.georgegroup.com/lean_six_sigma.php)

Xerox. "Xerox Lean Six Sigma." May 2004. Xerox, along with General Electric, was one of the early adopters of the Lean Six Sigma approach to process improvement. This work explains what it has meant for their company. [http://www.xerox.com/downloads/usa/en/nr\\_XeroxLeanSixSigma\\_2004May.pdf](http://www.xerox.com/downloads/usa/en/nr_XeroxLeanSixSigma_2004May.pdf)