

www.leonardogroupamericas.com



leonardo group americas, llc

Your Partner in Lean Excellence

Workshops and Implementation Programs

2008

LEANFACTORY



Lean Enterprise Assessment. A typical starting-point for any Lean initiative is an assessment of the current state of the enterprise and a vision of the future state. The deliverable from this 3-day activity is a complete Lean Master Plan, including time-frames, cost, potential benefits, resources required and target areas of focus.

Lean Transformation Program. Our most common vehicle for working with clients is via a customized Lean Transformation Program. Training, implementation and sustaining activities are designed based on the specific industry, company culture, sense of urgency and leadership input, with a goal of achieving major improvements for the business within 100 days.

Lean Jump-Start Program. The Lean Jump-Start program is intended for clients that want to rely primarily on internal resources to accomplish a lean transformation, but also want the guidance from experienced lean practitioners. The Jump-Start program provides the necessary outside training and mentoring to keep lean progress on-track, and focuses on bringing internal resources to a self-sustaining level of lean expertise.

Total Productive Maintenance (TPM) Kaizen. TPM challenges operators within a machine-intensive environment to assume responsibility for maintenance, quick changeovers, simple repairs and a high level of continuous improvement. This Kaizen activity implements a TPM program in only 10 days, including training, process improvement activities, train-the-trainer workshops and a lean management system.


Quick Changeover (SMED) Kaizen. SMED is a proven set of tools and methods to reduce machine changeover time between one part and another. All operators need to be trained in this method, with the goal of reducing all changeovers to a minimum, often less than 10 minutes.

5S Organization and Housekeeping Kaizen. Launching a lean initiative with a complete 5S effort is a common way to get started, and one that everyone can be involved in and understand. Our focus in a 5S Kaizen is principally on the Standardize and Sustain elements, to ensure that any changes can be maintained.

Cellular Manufacturing Kaizen. Cellular manufacturing is a golden key to quick response, improved productivity and quality, and zero defects. In this 5-day Kaizen the objective is to take a production line or cell and get it to flow.


Administrative Kaizen. Many of the benefits of a lean transformation take place outside of the factory floor, in administrative processes like invoicing, engineering change, new product development, customer service, production planning and contract management. Our administrative Kaizen event trains participants in the basics of *lean* and *flow*, and then transforms an area of opportunity in 4 days.





Building The Perfect Value Stream 3-Day Seminar. Our flagship lean training seminar is a requirement for your entire leadership and implementation team. Topics covered include the mixed-model line design and material management methodology, how to create a lean management system, how to create a culture of continuous improvement, and lean supply-chain management. The focus is on learning by doing, and concepts presented in the classroom will be immediately applied in a series of hands-on exercises. This seminar is offered as a private session, or in periodic public forums.

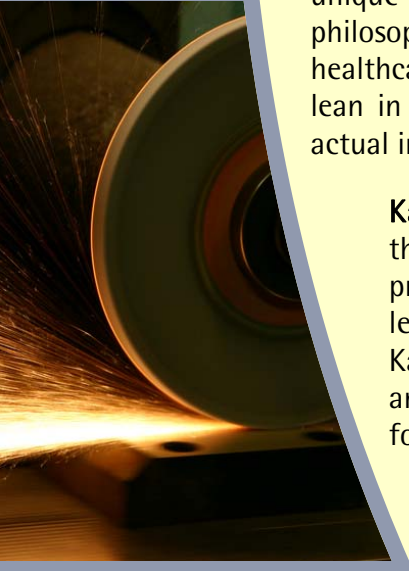
Lean Material Management Workshop. Our goal is to create *A Plan For Every Part*, and achieve an optimum material delivery system. In this 2-day workshop participants will, in a series of hands-on exercises, create a mixed-model material delivery system that will include all of the lean tools of material management: sequenced delivery, replenishment-based Kanban, supplier managed inventory strategies, and the use of traditional MRP tools. This workshop is a must for anyone involved in material management and planning.



Train The Trainer 3-Day Workshop. The best way to learn a subject is to learn to teach it. In this 3-day workshop key individuals will learn to teach several key Lean topics, as internal lean courses: Value Stream Mapping, 5S, SMED, Kanban Systems and Introduction to Lean. Training materials are provided and can be customized to include company-specific examples and photos. The deliverable from this workshop is a team of internal trainers that will be able to "spread the word". It is recommended that upper management participate in this workshop.

Aerospace Flow Seminar. The Leonardo Group Americas team has special expertise in the aerospace and job shop environments, where lean is often more difficult to implement. The Aerospace Flow seminar is a 3-day experience tailored to a high-mix, low-volume environment. This workshop is offered as in a company-specific session, and also periodically as a public class.

Leaning Out Healthcare. The healthcare and hospital environment has its own unique set of challenges and opportunities, but is no less amenable to the lean philosophy and methods. The Leonardo Group Americas has been working in healthcare since 2003, and offers this 2-day workshop to focus on the "how to" of lean in a hospital environment. Included in the course are many case histories of actual improvements achieved.



Kaizen Leader Training. Kaizen or Continuous Improvement is often achieved through a *Kaizen Event*, an activity of 3-5 days with the goal of transforming a process. The key to success for all Kaizen events lies in the planning and leadership of the Kaizen team. This 2-day workshop covers the 5 phases of a Kaizen event and provides participants with a proven structure for planning and executing a successful process improvement activity. It is a requirement for your future Kaizen leaders.

Lean Management System. A *Lean Management System* is the structure that needs to be in place whereby the line leads, supervisors and line managers all understand and perform their role in sustaining and improving the Lean Enterprise. This 2-day workshop is a first step in creating this system.

www.leonardogroupamericas.com

leonardo group americas, llc is a team of experts with extensive experience and know-how in production management, implementation of flow manufacturing and production planning and control systems. Our trainers and consultants have many years of implementation experience in many different industries. Members of the team typically have held leading positions in manufacturing and management prior to joining us.

Flow Manufacturing technology is applicable to all types of industries, products and processes. **leonardo group americas, llc** provides both a common, structured implementation framework and an individualized program, tailored to the clients specific environment. Our educational programs include all aspects of Flow and Lean Manufacturing, from basic theory to comprehensive workshops to employee training on the factory floor.

Projects can be offered on a fixed cost basis, or in part on benefits achieved by the customer. Projects are structured so that they can be completed in a time-frame of 100 days or less.

Americas Headquarters
Leonardo Group Americas, LLC
9053 Arrow Grass Way
Highlands Ranch, Colorado 80126
Tel: 303 494 4404
www.leonardogroupamericas.com
info@leonardogroupamericas.com

European Headquarters
Leonardo Group GmbH
Leonrodstrasse 56
80636 Munich, Germany
Tel.: +49 89 230 32 325
www.leonardo-group.com
info@leonardogroupamericas.com

Tel: 1-303-494-4404
email: contact@leonardogroupamericas.com