



Solomon EOSTM
engineering and operating solutions

What is Lean?

Lean is a systematic, continuous improvement approach that focuses on reducing waste while creating smooth flow of goods or services through an organization, improving quality and accountability. Lean focuses on identifying value, the elimination of waste, visual management and flow.

Leaders of Lean organizations are dedicated to developing Lean thinkers and a culture of continuous improvement in which employees work to make their own jobs as efficient as possible.

Lean transformations utilize a wide range of specialized tools to eliminate waste, establish flow, and visually organize a workplace

LEAN HELPS INCREASE PROFITS WHILE:

- Reducing cycle time
- Reducing inventory and work-in-process
- Reducing costs
- Reducing environmental impact
- Developing clear work standards
- Increasing capacity
- Increasing productivity
- Increasing sales
- Improving quality
- Lean strategies are designed to eliminate waste and add more customer value

EMPLOYEES TRAINED IN LEAN WILL HELP YOUR ORGANIZATION TRANSFORM

- Implementing a disciplined and flexible production/support system
- Employing a common set of process principles
- Increasing capacity by creating high-performing, multi-skilled work groups
- Lowering production costs and hence becoming open market competitive
- Eliminating waste and non-value added steps



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What is Six Sigma?

Six Sigma is a disciplined approach to problem solving that revolves around collecting and analyzing data to understand the factors that cause variations in processes.

The term "Six Sigma" refers to the number of defects produced by a process (a defect being any undesirable result), given a number of opportunities in the process to produce a defect. Although Six Sigma is a general term for the process used to reduce statistical variability in processes, actual Six Sigma quality levels refer to the exceptionally high quality level of producing only 3.4 defects per million opportunities. Six Sigma practitioners focus on systematically eliminating variation in processes so they can get as close to zero defects as possible.

Six Sigma is suited to analyze deeper or more complex problems that may not be apparent on the day-to-day surface, such as problems that involve complex networks or systems where many factors contribute to a problem.

SIX SIGMA WILL HELP YOU BY:

- Improving the process performance
- Decreasing variation and maintaining consistent quality of the process output
- Reducing defects, thereby improving profits, product quality and customer satisfaction
- Measuring, analyzing, improving and controlling manufacturing and business processes
- Succeeding at achieving sustained quality improvement, provided that the commitment exists at all levels of the organization
- Six Sigma supports transformation efforts through unique statistical controls and a systematic approach. It is a rigorous process improvement strategy that will reduce performance defects and variation, increasing support performance and efficiency.

EMPLOYEES TRAINED IN SIX SIGMA HELP YOUR ORGANIZATION TRANSFORM

- Establishing Customer Critical To Quality (CTQ) Criteria
- Solving recurring problems
- Developing fact-driven, measurement-based, prioritized transformation projects
- Controlling process variations
- Eliminating defects
- Generating higher throughput
- Created a standardized improvement methodology