



Taking the Lead with Lean Methods

Now more than ever, your customers demand faster, simpler ways of conducting business and expect consistent delivery of higher-value products and services. The challenges of meeting your critical customer requirements cannot always be addressed with one performance improvement method.

With Six Sigma Qualtec's **Lean Methods Training**, you eliminate non-essential steps in your business processes that waste time, money and aggravate your customers. By combining and integrating Lean principals that improve speed/flow with the disciplines of Six Sigma to reduce variations in quality; the results are dramatic revenue gains, a streamlined cost structure, greater market share and loyal customers. **Performance results that matter.**

How Streamlined Are Your Business Processes?



Shifting your organization's focus to a customer-defined value stream helps you continuously identify waste, redundancy and non value-added steps in your business processes.



By applying **Lean Methods Training** from Six Sigma Qualtec you'll see just how quickly 'satisfied' customers are transformed into loyal customers.

Benefits of Lean in Manufacturing

Lean Methods Increase

- Inventory turns
- Speed of production
- Production throughput
- On-time production and delivery
- Customer & employee satisfaction
- Customer loyalty
- Quality and Profit

...while Reducing

- Labor costs
- Material costs/costs per part
- Product waste/defects
- Losses from obsolescence & spoilage
- Customer lead times and inventory
- Cycle time

Benefits of Lean in Services

Lean Methods Increase

- Transaction speed and volume
- Transaction volume
- Organizational/Overall productivity
- Process flexibility
- Customer and employee satisfaction
- Customer loyalty
- Visibility of opportunities

...while Reducing

- Training costs
- Costs per transaction
- Turnover of employees
- Process waste
- Rework and lost revenue
- Cycle time



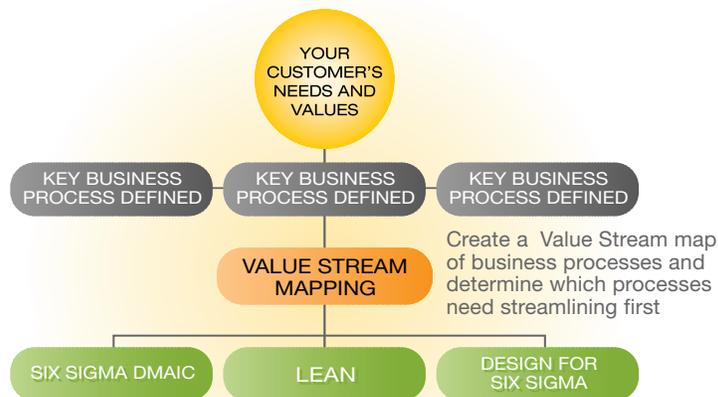
What Lean Brings to Your Enterprise

Training your process owners in **Lean Methods** will increase the speed and ease of providing your products and services.

- Simplify process steps and eliminate non-value added activities
- Eliminate wastes in time, materials and expenses (throughout the organization)
- Remove barriers that impede the flow of material, information and decisions

When To Use Lean

The ideal time to begin utilizing Lean principles is after your key business processes have been defined and before a Six Sigma project pool has been developed. Value Stream Mapping identifies which method of improvement will achieve the greatest results, immediately. Some business processes need to be leaned before applying Six Sigma to eliminate variation. Others require a complete re-design or a development of a new process using Design for Six Sigma (DFSS).



Immediate Results

- Reduce non-value added activities
- Eliminate wasted time, materials and expenses
- Increase speed and output of products and services
- Improve responsiveness and flexibility to customer requests
- Integrate **Lean activities with Six Sigma** and other performance improvement methods
- Identify constraints and control variation

Lean Methods

Length of Training:
5 Days

Lean Candidates
Will Learn To:

- Recognize and prioritize opportunities for Lean
- Assess/quantify the impact of Lean improvements on enterprise performance & profitability

They Will Utilize
Lean Improvement
Concepts:

- Mapping the 'value stream' from customer need identification to customer delivery
- Organizing the workplace and "The 5S's"
- Maintaining visible operations that are controllable
(No hidden activity or cost)
- Eliminating waste and reducing cycle time (time and expenses)
- Identifying and assessing areas that constrain the flow and velocity of products and services
- Optimizing operational flexibility to meet customer demands with faster changeover practices
- Preventing disruptions to flow by incorporating 'mistake-proofing' techniques

The Lean Advantage

Lean Six Sigma for Black Belts

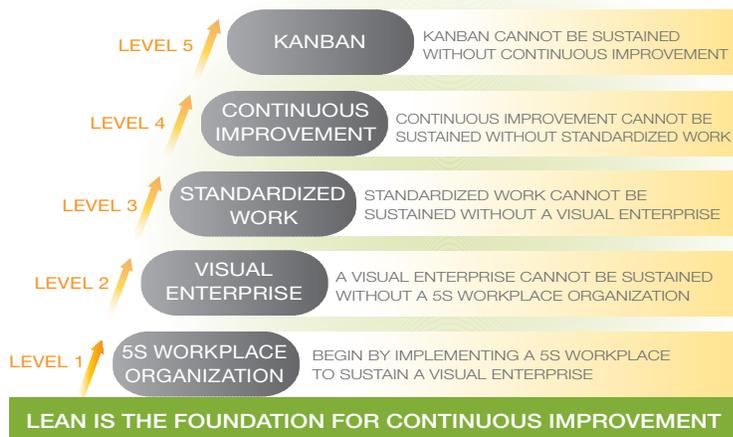


Six Sigma Qualtec

Combining Lean and Six Sigma

Train Black Belt Candidates in the fundamentals of the Six Sigma's DMAIC methodology and the Fundamentals of Lean to eliminate waste, improve the quality, speed and flow of business processes. The integration of Lean and DMAIC (Define, Measure, Analyze, Improve and Control) is available for both services and manufacturing black belts.

The Vision of Lean



Immediate Results

Lean Black Belts will be able to:

- Apply **Lean and Six Sigma** methods to improve business performance
- Optimize and control inputs to sustain performance gains
- Validate the impact of process changes on performance

Lean Six Sigma

Length of Training:
20 Days Over 4 Weeks

Lean Black Belts
Will Learn To:

- Define and confirm the Voice of the Customer and Voice of Key Stakeholders
- Map Critical Business Processes and Value Streams
- Define Business Process measurements (metrics)
- Establish the baseline capability and performance of the process
- Apply the Fundamentals of Lean
- Apply the Fundamentals of DMAIC
- Manage project information, share results and report progress using SixNet Intelligence System
- Know when to apply Lean control methods
 - Kanban
 - Kaizen
 - Supply Chain Management
 - Total Productive Maintenance



Your Strategic Partner

Six Sigma Qualtec is a premier provider of process management and performance improvement consulting, training, and technology solutions that drive breakthrough growth, productivity and value for our clients.

We are unique in our ability to customize the integration of management disciplines to meet the industry-specific requirements of global leaders in financial services, natural resources, manufacturing, process and service industries.



Brewer Automotive Corporation

“Six Sigma Qualtec’s **Lean Methods** training has enabled Brewer Automotive Corporation to meet customer delivery at a significantly reduced labor cost. We’ve reduced waste in the factory and relieved bottlenecks that forced us to work weekends and holidays to meet production, negatively impacting our employees and driving costs up. SSQI’s Lean Methods training has truly initiated a cultural change at BAC; the mix of classroom and on-the-job training was a perfect balance leading to quick results – and success changes an organization.”

Mike Seile Jr., Plant Manager