About Lean Initiatives
Lean tools and concepts provide a proven methodology for the systematic elimination of waste and wasteful activities. Our experience has shown its value in areas such as manufacturing, regulatory activities, insurance, banking, customer service, distribution, healthcare, education, administrative activities, and logistics.

The improvement objective
Manufacturing facilities seeking to improve their quality of service by:

- Improving Quality by reducing defects
- Improve delivery times by reducing leadtimes
- Improvise profitability by eliminating non-value added activities
- Increasing capacity by eliminating process waste

Applying lean techniques
At SAI Global, we facilitate an extremely dynamic approach to Lean that delivers fast, yet powerful results and builds the capability of participants to apply skills to other projects. Our approach to a Lean Event is shown below.

Within multiple and varied manufacturing facilities a cross-functional team is identified. The teams receive 6 hours of Lean/Kaizen training to prepare them for the improvement process. The groups then collect data (by observation) and map the current "as is" process. Areas of opportunity (waste) are identified and eliminated.

For more information please contact us at:
1 300 650 262
or email: improve@saiglobal.com
Process improvement outcomes for Manufacturing

A new process is created, tested and implemented. Further testing, monitoring, documentation, training and full implementation are put onto the “Action” list to be completed within very short timeframes. Observation and follow up will be ongoing.

**Fast outcomes!**

Results of our ‘Lean Event’s: A two year total company “Lean Transformation” of a medical device plastic injection molding company and assembly. The company was divided into 2 business units with a “Guiding Coalition” team leading each. Approximately 30, week long events were run, with averages resulting in:

- Turned around company that was struggling with delivery, quality, inventory, overhead, and losing customers
- Reduced 2 week lead-time to <2 days
- Improved 1st pass yields 50%
- Doubled revenue per square foot
- Increased revenue per employee 2.5X
- Saved over $3.5 million the 1st year
- Company increased sales 70% over the ensuing 5 years

**At a top musical Cymbal maker**

- Increased productivity 71%
- Increased first-pass yield from 96.2% to 99%, adding $700K to the bottom line
- Reduced total lead-time from 4 weeks to 4 days
- Reduced part travel distance and walking distance by over 95%
- Reduced square footage by 40% Reduced WIP 95%
- Finished goods inventory reduced 65%
- Total savings to date - over $2.6 million

**Sustaining improvement**

The key to sustaining improvement is culture change. Lean can be used to create a leadership environment that promotes a team atmosphere and supports the all inclusive nature of a Lean Initiative.

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**SAI Global’s Business Improvement Solutions**

**OPTIMIZE BUSINESS SYSTEMS AND STRATEGIES**
- Corporate sustainability assessments and strategies
- Management system design and supported deployment
- Enhancement of existing systems
- Integration of quality, health, and environmental systems
- Climate change strategies

**BUILD CAPACITY OF INDIVIDUALS AND TEAMS**
- Communication strategies that change behavior
- Customized on-site training
- Program tools and guides
- Coaching and mentoring
- Facilitation of successful project teams
- Change management

**MEASURE ORGANISATIONAL PERFORMANCE**
- Business Excellence
- Gap analysis
- Process analysis
- Web based tools
- Key performance indicators

**DEMONSTRATE CORPORATE RESPONSIBILITY**
- Business sustainability reports
- Corporate social responsibility reports
- Internal recognition programs
- Enterprise risk management
- Compliance support

**CONTINUOUSLY IMPROVE PERFORMANCE**
- Process improvement
- Lean and Kaizen events
- Six Sigma solutions
- Risk management
- Internal audit support
- Business Excellence