



Agility Business Solutions, Inc.

Lean Services

Lean Assessment

Agility Business Solutions offers a comprehensive suite of lean consulting services and the best place to start is with a Lean Assessment. Agility Business Solutions' Lean Assessment offers an objective, expert opinion of your lean manufacturing and office practices.

Lean Inventory Analysis

Agility Business Solutions can help your organization identify ideal inventory levels.

Kanban Implementation and Optimization

Whether your organization is just getting started on using kanban techniques or trying to make your kanban operations more efficient, Agility Business Solutions' consultants can help.

Kaizen Event Planning and Execution

Kaizen events are critical to lean manufacturing. Agility Business Solutions' consultants understand what it takes to make every event a success.

Lean Assessment

Agility Business Solutions' Lean Assessments allow you to gain insight from seasoned, experienced manufacturing experience. The lean assessment is designed to provide a high level overview of your manufacturing and front office operations. The deliverable for the Lean Assessment is a document highlighting findings along with a list of recommended actions and next steps.

ACTIVITY	GOAL	DELIVERABLE
Interview key members of the management team to assess how they "do business".	Identify where and how key managers get information and make decisions.	Provide a list of areas of potential improvement listing areas where breakdowns in communication and inefficiency occur.
Study the value stream. Assessing the flow of information and materials.	Determine how an end customer derives value from the organization.	Identify non-value-added activities and actions which do not add value to delivered product.
Perform a high level evaluation of the systems and practices used to communicate ideas and information.	Identify bottlenecks and "silos" of information, redundant or obsolete systems.	Make recommendations on ways to improve communications and enhance systems.
Survey the shop floor for cleanliness, efficiency and logical layout and flow.	Identify bottlenecks, constraints, hazards and other impediments to manufacturing excellence.	Provide a list of actionable tasks to improve shop floor operations.
Perform a high level evaluation of front-office operations.	Identify superfluous activities and unnecessary or duplicated systems.	Provide a list of recommended tasks or lean-office related activities.

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Lean Inventory Analysis

Determining ideal inventory levels should not be left to chance or guesswork. Using Agility Business Solutions' industry focused software, we can analyze your organization's inventory and identify ideal inventory levels to ensure optimal performance. Agility Business Solutions can also identify the items that are suited to kanban style reorder techniques. Agility Business Solutions determines the demand patterns of items and identifies those items which are at risk for stock-outs or may be at excessive levels.

Kanban Implementation and Optimization

A properly operated kanban or pull system is an ideal way to reduce component inventories and streamline operations. If your organization is currently using kanban techniques or considering them, Agility Business Solutions' consultants can help.

- Selection of appropriate items to be on kanban replenishment based on historical or projected usage.
- Identification of the appropriate kanban technique(s) (i.e., 1 bin, 2 bin, X bin, bin, pallet, RFID, kanban squares, kanban board, etc.)
- Bin logistics such as bin location, replenishment signals and other key considerations.
- Calculation of the appropriate number of bins and bin quantities based on current and anticipated demand.
- Vendor planning and communications for all purchased parts.
- Planning for unanticipated or variable demand such as sales, promotions, model changeover and seasonality.
- Integration of kanban techniques with the primary planning (ERP) system.
- Automation of non-value-added activities such as vendor communications, creation and receipt of orders, creation of inventory transactions, back-flushing of labor and components.

Kaizen Event Planning and Execution

A cornerstone of lean manufacturing is the kaizen event. Kaizen events are rapid, time constrained, clearly defined activities designed to implement meaningful change. When properly executed, kaizen events can be highly beneficial to the organization. When done improperly, they can be divisive and counter-productive. Agility Business Solutions can help plan and execute kaizen events.

A properly planned and executed kaizen event should be:

- Sponsored by, and receive full support from senior management.
- Clearly defined in both time and scope.
- Have clearly defined teams with concise team roles.
- Achievable given the time and resources allocated.
- Measured at its conclusion against the goal.
- Part of a continual improvement process.

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