**William J. Curran, CPIM**

**3 Granite Court**

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**Executive Summary**

* Seasoned management professional with extensive experience as a lean systems architect/champion, specializing in value stream management (planning, supplier selection/performance, SCM, purchasing, materials management, scheduling, warehousing, distribution, and manufacturing).
* Co-inventor of High Velocity Management (a rapid change methodology that combines the insights of lean strategies with Dr. Goldratt's theory of constraints).
* Adept at strategic/tactical planning, value stream mapping, process flow analysis, SMED, VMI, constraints analysis, visual manufacturing, Toyota Production System, kanban, pull systems, process improvements, project management, continuous improvement, training and team building.
* Able to adapt quickly to different industries and environments (see Industry Experience section).
* Quick to assess current business problems and develop meaningful, high impact solutions.
* Strong focus on customer service, market issues, P&L and Balance Sheet.
* Creative, focused leader with excellent communication, technical, organizational and problem solving skills.
* Able to communicate effectively at all levels of the organization.
* Superior MS Excel, Access, Powerpoint, Project and Word skills.

**Professional Experience**

**Advance Mold & Manufacturing/Vision Technical Molding, Manchester, CT 2009-2012**

Director of Continuous Improvement

* Acted as executive counsel to the partners (owners) to develop a new business strategy designed to grow both businesses based on reducing cycle time.
* Reorganized leadership teams around process flows, developed a new operating culture based on “Lean Thinking”, created and implemented time-based driving performance metrics, developed new scheduling/control tools, and spearheaded a new operating synergy between the two companies.

Key Accomplishments

* Streamlined engineered-to-order production process to reduce internal cycle time by 30%.
* Developed new production planning/control system that improved on time performance
* from 65% to 92%.
* Reduced work in process cycles time from 7-8 days to 1.5 days.
* Reduced total inventory by 40%.
* Developed new controls/tools to manage P/L on a daily basis.

**Lean Systems Architects, Manchester, CT 2007-2009**

Lean Manufacturing Management Consultant

* Provided extensive and lasting improvements to manufacturing/distribution companies using constraint theory management and lean thinking/principles.
* Accountable for the design, development and implementation of new business procedures and systems that create strong, lean, time-based companies.
* Acted as internal Director of Continuous Improvement.

Key Accomplishments

* Worked with the senior management team to develop new time-based performance metrics for each section of the company, reorganized departments and functions into unique process flows (demand, supply chain, conversion and continuous improvement) to streamline communications and decision making, realigned individual accountabilities, and then developed new tools and business systems to reduce cycle time and maximize performance.
* Completely redesigned supply chain processes and ERP systems to support lean initiatives (new monthly forecasting systems, warehouse functionality, new batch sizing and scheduling logic, new material release control procedures, new visual scheduling practices on the shop floor, and new procedures to insure daily adherence to schedule).
* Designed new supplier interface procedures to better link supplier production with internal production requirements.
* Redesigned material flow through the shop floor and reduced setup time/unplanned downtime in critical work centers.
* Used new metric system to support a culture of continuous improvement.
* Introduced management team and general population to "Lean Thinking" through focused training programs and on-the-job training.
* Reduced finished goods inventory by 50%, wip and raw by 25% and overall cycle time by 25%.

**The Leverage Company, Greenwich, CT 1989-2007**

Management Consultant and Partner

* Responsible for managing a team of senior consultants to create significant financial gains and cultural change for our clients by using lean thinking and principles.
* Prime accountability for the development and implementation of our Value Stream practice; order entry, planning and scheduling, vendor management, procurement, inventory management, manufacturing and warehousing and distribution.

Key Accomplishments

* Implemented lean thinking in the supply chain functions of a multi-plant, aerospace metals distribution/service company. Improvements allowed the regions to handle 30% more transactions with 19% fewer people, while on-time shipments improved by 16% and inventory reduced by 30%.
* Implemented lean thinking at a manufacturer/distributor of heat resistant polymer products (a division of a Fortune 10 company) resulting in a 90% reduction in manufacturing cycle time, a 75% reduction in inventory, a 45% increase in effective capacity (with no additional capital investment), and an improvement in ship-on-time performance from 55% to 99%.
* Used SMED techniques to reduce setup time and idletime in critical work centers.
* Reengineered individual accountabilities and measurements.
* Implemented lean supply chain processes in a specialty paper manufacturer with 4 manufacturing facilities and 13 distribution centers, resulting in a 33% reduction in finished goods, an improvement in ship-on-time performance from 85% to 99%, and the closure of 7 regional distribution centers. Reduced setup time and unplanned downtime in critical work centers by 25%.
* Implemented lean thinking in a plastic films manufacturer that resulted in a 29% reduction of finished goods inventory, a 75% reduction in manufacturing cycle time and an improvement in on-time shipping performance from 85% to 94%.
* Reorganized a three plant, multi-national firearms manufacturer to forge a new operating culture based lean (TPS) principles. Inventories were reduced by 25%, scrap reduced by 40%, and setup time on a critical resource was reduced from 2 1/2 shifts to 3 hours, while on-time delivery performance increased by 50%.
* Acted as operations manager for a manufacturer of water sport equipment where, in less than 6 months, cash flow from operations improved from -$400k per month to $+500k per month while on-time deliveries improved from 30% to 70% by implementing lean management processes.
* Restructured core processes at a high-tech make-to-order pharmaceuticals company, to enable faster revenues and earnings growth, simplified product lines that allowed the company to launch 8 new products in 12 months.

**Education and Accreditations**

M.S. Industrial Technology Management (Lean Systems) - Central Connecticut State University

B.S. in Management (Administrative Sciences) - Central Connecticut State University

A.S. in Computer Science - Thames Valley State Technical College

Certified Production & Inventory Control Manager (CPIM) - American Production & Inventory

Control Society *(Fellow level - materials requirements planning, capacity planning)*

**Industry Experience**

Aerospace Technologies, Automotive Components, Builders Hardware, Capital Equipment Manufacturing, Cellular Communication Towers, Computer Components(Laminates), Consumer Products Manufacturing and Distribution, Defense Contractors, Drug Discovery Equipment, Electrical Distribution Products, Extrusions, Entrepreneurial Job Shops, FAA Repair Depots, Firearms Manufacturing, Furniture Manufacturing and Distribution, Garment Cutting and Sewing, High-tech Electronic Assembly, Industrial Air Dryers, Injection Molding Manufacturing, Mold Manufacturing, Metal Processing and Distribution, Paper Products, Pharmaceuticals, Polymer Conversion, Precious Metal Recovery, PVC Conversion, Specialty Coating Operations, Specialty Engineering, Sporting Goods Manufacturing and Distribution, Store Fixtures, Trailer/Truck Body Manufacturing.