

"Just in Time, Just in Sequence for Complex Manufacturers"

The Need

Complex manufacturers, especially those in the mid-market (< \$1billion), find themselves in a difficult situation. Facing ever increasing cost pressures and demand for greater Speed, Reliability and Flexibility, they cannot effectively "go offshore". They find ERP and Lean helpful but of limited benefit in their environment. What can be done to survive and even thrive?

2think offers m-fusion™ (short for manufacturing fusion) as an end to end, integrated solution that addresses issues and opportunities complex manufacturers face today - and tomorrow.

Concept

The best way to think of m-fusion™ is as an air traffic control system for your supply chain

In reality air traffic control is not a single system but a network of integrated systems that function as one. While the integrated system is based on real time visibility, it's primary value is derived by leveraging that visibility to relate objects (airplanes) to one another therefore eliminating, for the most part, mid-air and on ground accidents, the primary mission of the system. Secondly, the real time view of the skies enables planes to fly much closer together, improving airport throughput while maintaining safety. **Imagine the throughput and reliability impact of a system that was updated once a week, once a day or even once an hour. Yet this is how most manufacturing operations and supply chains function today.**

m-fusion™ provides real time visibility and synchronization of your supply chain - and much more.

There are two key functions that air traffic control does not provide. First, it does not leverage it's coordination capability to maintain highly reliable schedules. (The airlines try to do this manually with limited success). Second, there are many resources required to maintain schedules that are not addressed by the system. Maintenance, Fuel, Cleaning, Food, Crew Scheduling, Baggage etc. are all controlled independently and not coordinated as part of one integrated solution.

m-fusion™ utilizes real time visibility and synchronization of **ALL** resources required to fulfill demand and continuously makes adjustments to enable significant Speed, Reliability, Throughput and Efficiency gains. It is exception based so attention is focused only on events that are off schedule. It enables proactive problem resolution when exceptions do occur.

What makes m-fusion™ special?

- Thrives on extreme variability
- Visibility & Control of ALL resources
- Operational granularity in minutes not days
- Delivered as a turn key service
- Enables effective, efficient outsourcing
- Comprehensive solution, implemented iteratively
- Visual, exception based - builds on Lean initiatives
- Quick ROI and a platform for continuous improvement

So What? (Actual benefits realized from a m-fusion™ implementation)

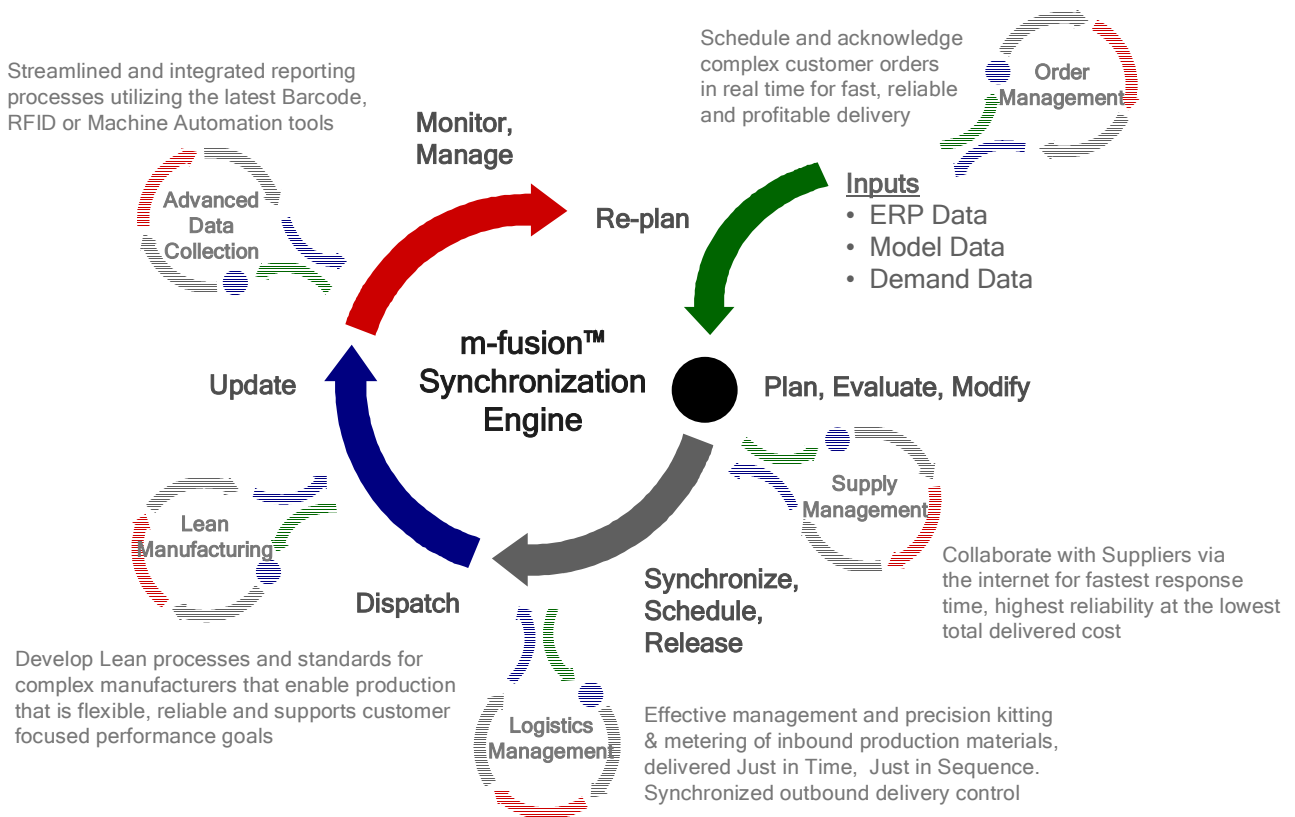
- 99.78%+ On Time Shipments
- Order to Delivery time cut 75%
- Industry Ranked #1 in Customer Service
- Throughput improvement of over 400%
- Indirect / Direct Labor reduced by 50%
- Raw, WIP and Finished Goods Inventory cut by 80%

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m-fusion™ Functional Framework

The Synchronization Engine establishes the “digital drumbeat” that optimizes manufacturing and enables all resources required to build a customer order to be synchronized, communicated and continuously updated across the supply chain in a paperless environment - to provide Speed, Reliability and dramatic improvement in productivity enterprise wide, not just on the shop floor. It is the core building block of the m-fusion™ solution.

Several additional capabilities can be integrated with the Synchronization Engine to provide even greater benefit.



About 2think

2think's mission is to create high performance manufacturing and supply chain solutions through the integration of Lean thinking, process innovation and technology that deliver optimized financial performance and dramatically improve customer service in the form of speed, reliability, visibility & control.

2think cost effectively helps manufacturers get the most out of their supply chain with integrated services - consulting, software and implementation - and a network of highly skilled support professionals.

m-fusion™ tools and services can be delivered “on demand” and provided on a subscription basis for maximum financial flexibility.