

LEAN ORDER MANAGEMENT Solution



LEAN ENTERPRISE FOR MICROSOFT AXAPTA™

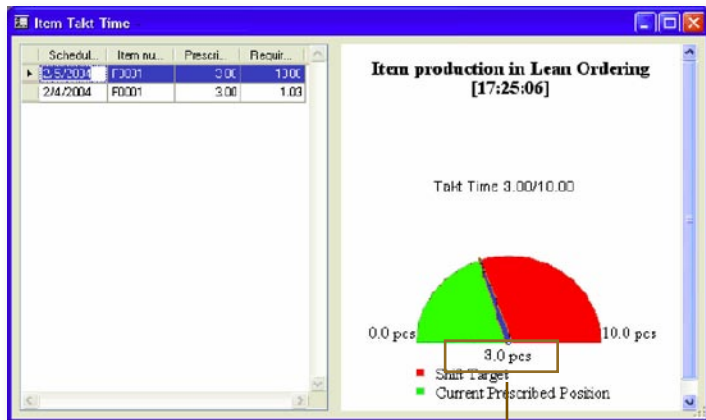
Lean Enterprise for Microsoft Axapta is built from the ground up on the Microsoft Axapta platform, delivering tremendous business value by operating in harmony with all other Axapta capabilities.

Eliminate waste across administrative and production processes, streamline information and material flow, and empower employees with easy to use tools to balance supply and demand in a just-in-time environment. Built on the Microsoft Axapta platform, Lean Enterprise for Microsoft Axapta ensures low total cost of ownership and high return on investment by directly supporting lean business practices and principles.

Report production without production orders.

Easily level production schedule using Theory of Constraints.

Required ...	Item	Quantity ordered	Qty Produced	Qty Outstanding	Levelled Quantity
3/19/2004	10000	100.00	40.00	60.00	100.00
3/20/2004	10000	80.00			100.00
3/21/2004	10000	100.00			100.00
3/22/2004	10000	120.00			100.00
3/23/2004	10000	140.00			100.00



Visual displays provide up to the minute Takt time performance feedback.

LEAN ORDER MANAGEMENT

Build-to-order customer satisfaction

Define cells/lines, operations, and constraints to view and manage flexible capacities to deliver short lead times and high fill rates.

Eliminate batch planning & waste

Deliver demand visibility to the production cell/line responsible for fulfilling customer requirements immediately, without wasteful batch planning and production order paperwork.

Improve production flow

Create optimum production flow, by using Heijunka techniques to level production quantities and mix.

Reduce inventory & handling cost

Takt time calculations and a visual display drive precise production pace to deliver product just-in-time.

Support transition to lean operations

Provision new cells/lines through traditional planning processes until suppliers and other operations can be transitioned to lean.

Remove administrative overhead

Optional lean execution capabilities eliminate administrative waste involved in managing production orders.

ELIMINATE WASTE, IMPROVE PRODUCTIVITY AND CUSTOMER SATISFACTION

► **Lean Order Management module**

The Lean Order Management module is focused on the removal of waste from the process of loading, scheduling, and executing activities to satisfy the customer's requirements. Lean Order Management integrates customer service and production activities by providing immediate demand visibility and feedback between the operations.

Customer service has immediate visibility to customer orders in a leveled production schedule to provide precise delivery information. Cell/line management has easy to use tools to manage the variability of customer demand and level production across all operations creating an effective and efficient production flow.

► **Lean Order Entry**

During the order entry process the system automatically identifies capacity in the production schedule. The system slots (entire order produced in a single shift) or splits (order produced during multiple shifts) the demand into the schedule, which is immediately visible to the cell manager.

Feedback is immediately given to customer service representatives, if customer delivery dates can not be satisfied. Order can be held for cell/line manager to investigate schedule adjustments if required.

► **Lean Order Scheduling**

Cell managers can choose to view the schedule using either a "to order" scenario or cumulative production scenarios on a schedule-by-schedule basis. The "book to order" approach provides a view of each sales order on the schedule, whereas the "cumulative" method provides a daily summary view.

Scheduling is done using the constraints on the cell/line and on feeder processes and materials. The system uses virtual Heijunka box leveling techniques to level product mix and volumes in the schedule.

► **Lean Order Production**

Prescribed Takt time provides the cell/line real-time visual feedback on how they are performing relative to the actual market demand. Lean execution allows reporting of actual production via simple bar-code scanning or screen entry virtually eliminating the production order administrative burden.

► **Lean Order Shipping**

Extensive and flexible labeling capabilities improve shipping accuracy and customer satisfaction levels. Lean Order Shipping provides enhanced functions to ship customer orders directly from a cell/line.

About Avanade

Avanade is the leading technology integrator specializing in the Microsoft enterprise platform. Our people help customers around the world maximize their IT investment and create comprehensive solutions that drive business results. Additional information can be found at www.avanade.com.

To learn more about how Avanade can assist you, visit our website at www.avanade.com or call one of our major offices:

Americas
Seattle
phone +1 206 239 5600
seattle@avanade.com

Europe
London
phone +44 0 20 7025 1000
london@avanade.com

Australia
Sydney
phone +612 9005 5900
sydney@avanade.com

Asia
Singapore
phone +65 6394 7888
singapore@avanade.com

