

Inventory Analyst

Make inventory a strategic advantage



Optimize inventory across supply chain

Globalization and complexity in the supply chain make it difficult to identify the true drivers of inventory. Inventory Analyst helps find the hidden drivers so that companies can prioritize improvement opportunities based on overall inventory impact. Global inventory optimization strategically positions raw materials, work in progress (WIP) and finished goods inventory across the supply chain to improve inventory turns, free up working capital and increase cash flows.

Web-based solution for managing inventory

Inventory Analyst is a Web-based, multi-echelon inventory optimization solution that provides end-to-end functionality for manufacturers, retailers and distributors. It handles both inbound/outbound and distribution-focused business models, allowing companies to answer a broad range of business questions, from determining the right inventory policies and strategic positioning of inventory to the ongoing setting of safety stocks and inventory levels in operational environments. Inventory Analyst's optimization technology lets companies turn supply chains into drivers of profitability, efficiency and growth.

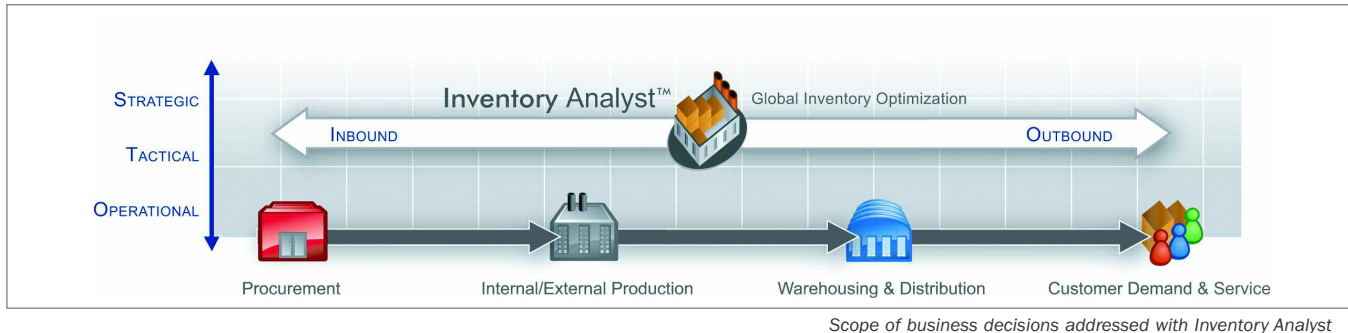
Part of a complete supply chain solution

Inventory Analysts is a Supply Chain Analyst (SCA) module. Part of ILOG's LogicTools suite of supply chain applications, SCA is an integrated solution for supply chain and inventory optimization that enables both strategic and tactical planning. Its modules – Inventory Analyst, Supply Planner, Product Flow Optimization and Demand Profiler – target specific supply chain problems. They have built-in integration capabilities to easily connect them to other systems, and share a common database that enables users to quickly move from one module to another.

- Complete inventory optimization functionality
- Complementary to network design
- End-to-end supply chain optimization
- Optimize raw materials, WIP and finished goods inventory
- Integrate with other ILOG solutions



Changing the rules of business™



Inventory optimization made easy

Inventory Analyst benefits from ILOG CPLEX's advanced mathematical optimization, offering technology that is easy to deploy, use and integrate with enterprise resource planning (ERP) and advanced planning and scheduling (APS) systems. You can fully address strategic inventory concerns, including:

<p>Business objectives</p> <ul style="list-style-type: none"> Lean product design strategies Production sourcing decisions Distribution-focused design and inventory positioning Off-shoring initiatives 	<p>Tactical end-to-end decisions</p> <ul style="list-style-type: none"> Inventory targets to feed ERP, APS, supplier and customer systems Create automated two-way flow of data Determine static vs. dynamic data Workflow, business intelligence, reports and business scorecard
<p>Inbound strategic decisions</p> <ul style="list-style-type: none"> Evaluate supplier sourcing decisions Postponement strategies Make vs. buy Central stocking strategies New product design Vendor managed inventory (VMI) and supplier managed inventory (SMI) 	<p>Outbound strategic decisions</p> <ul style="list-style-type: none"> Demand profiling Mix optimization Flow-lane optimization Logistics analysis Service level stratification

“World Kitchen was looking for a solution to optimize inventory levels while providing excellent service to its wholesale and retail customers. Inventory Analyst is a high-value solution that provides easy-to-use optimization capabilities that are cost effective to plug into our SAP environment.”

– John Conklin
Chief Information Officer
World Kitchen

Learn more

For more information on Inventory Analyst, contact an ILOG Sales Representative near you or visit www.logic-tools.com.

Key business benefits

- Identify key drivers of inventory
- Decrease lead time to customers
- Optimize supplier selection
- Calculate total inventory cost
- Reduce inventory and improve service level
- Optimize raw materials, WIP and finished goods inventory
- Service customers based on cost of goods sold

Rapid deployment

Training and implementation can be completed in seven to 10 business days, with a total project timeline of around 60 days. Companies report operational improvement within 90 days.

ABOUT ILOG SUPPLY CHAIN APPLICATIONS

ILOG Supply Chain Applications capitalize on ILOG's 20 years of leadership in optimization and LogicTools' supply chain customers, expertise and thought leadership. Over 250 companies use the LogicTools suite of supply chain applications for network design, production sourcing, inventory optimization, transportation planning as well as production planning and scheduling. With the acquisition of LogicTools, the company founded in 1995 by David Simchi-Levi, Professor of Engineering Systems at MIT, ILOG today provides solutions that complement ERP systems and enable companies to make better decisions faster by optimizing their logistics networks and transportation strategy, setting safety stock levels for their sales and operations planning and improving their plant operations through sophisticated production planning and detailed scheduling.

ABOUT ILOG

ILOG delivers software and services that empower customers to make better decisions faster and manage change and complexity. Over 2,500 corporations and more than 465 leading software vendors rely on ILOG's market-leading business rule management system (BRMS), supply chain planning and scheduling applications and optimization and visualization software components, to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. ILOG was founded in 1987 and employs more than 800 people worldwide. For more information, please visit www.ilog.com.

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