



IBM ILOG Inventory and Product Flow Analyst V7.6 delivers enhanced capabilities of inventory management to help improve profitability, efficiency, and growth

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At a glance

Globalization and complexity in the supply chain make it difficult to identify the true drivers of inventory. IBM® ILOG® Inventory and Product Flow Analyst is an enterprise-inventory-optimization solution that helps manufacturers, retailers, and distributors manage their inventory end-to-end. Highlights of the new release include simulation capabilities, more powerful optimization, and ease of use enhancements.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: SE001).

Overview

Globalization and complexity in the supply chain make it difficult to identify the true drivers of inventory. IBM ILOG Inventory and Product Flow 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 throughout the supply chain to improve inventory turns, free up working capital, and increase cash flows.

IBM ILOG Inventory and Product Flow Analyst is a web-based, enterprise-inventory-optimization solution that helps manufacturers, retailers, and distributors manage their inventory from end-to-end. It handles both inbound/outbound and distribution-focused business models, helping companies 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. Integral to an enterprise resource planning (ERP) system, it allows inventory planners to determine how much inventory should be kept in stock for each product on an ongoing basis.

Highlights of this new release include:

- **Simulation capability:** Inventory planners can now analyze inventory and service level performance against simulated customer demands.
- **More powerful Multi-Echelon optimization:** Inventory and supply chain planners can now optimize total inventory costs based on variable committed service times or variable upstream service levels.

- **Forecast error and supplier performance analysis:** Inventory and supply chain planners can now analyze forecast error and take into account forecast bias in the inventory optimization process. They can also measure supplier performance with an automated calculation of lead time variability and receipt period.
- **Ease-of-use enhancements:** Enable inventory planners to perform their tasks more effectively.

Key prerequisites

For details, refer to the [Hardware requirements](#) and [Software requirements](#) sections.

Planned availability date

- June 8, 2012: Electronic availability
- July 6, 2012: Media availability

Description

IBM ILOG Inventory and Product Flow Analyst is an integrated solution for supply chain and inventory optimization that enables both strategic and tactical planning. It includes different optimization modules that you can use to address specific supply chain problems. Modules use a common database so users can quickly move from one module to another. Built-in integration capabilities make it possible to connect to other systems, such as your ERP or Advanced Planning and Scheduling (APS) system. The modules include:

- ILOG Inventory Analyst. This module helps find the true and hidden drivers of inventory (such as forecast error, lead times, lot size and so on), so that companies can prioritize improvement opportunities based on overall inventory impact. It strategically positions raw materials, work in progress (WIP), and finished goods inventory throughout the supply chain to improve inventory turns and increase cash flows.
- ILOG Product Flow Optimization. The Product Optimization module helps businesses analyze transportation, warehousing, inventory-carrying costs, and service requirements to determine the optimal product delivery paths. Companies can view and export solution alternatives to tables and graphs for presentations and further analysis.
- ILOG Demand Profiler. This module analyzes historical data to create a demand forecast and forecast error. The combination of these modules provide:
 - Enterprise multi-echelon inventory optimization for integrated inventory planning in an existing ERP system.
 - Strategic multi-echelon inventory optimization to determine strategic shifts in inventory policies and practices.

With IBM ILOG Inventory and Product Flow Analyst planners can fully address strategic inventory concerns, including:

Business objectives

- Lean product design strategies
- Production sourcing decisions
- Distribution-focused design and inventory positioning
- Off-shoring initiatives

Tactical end-to-end decisions

- Inventory targets feed ERP, APS, and supplier and customer systems.

- Create automated two-way flow of data.
- Determine static versus dynamic data.
- Include workflow, business intelligence, reports, and business scorecard.

Inbound strategic decisions

- Evaluate supplier-sourcing decisions.
- Postpone strategies.
- Make versus buy.
- Centralize stocking strategies.
- Include new product design.
- Include vendor managed inventory (VMI) and supplier managed inventory (SMI).

Outbound strategic decisions

- Demand profiling.
- Product mix optimization.
- Flow-path optimization.
- Logistics analysis.
- Service level stratification.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested via the IBM website

http://www.ibm.com/able/product_accessibility/index.html

Program number

Program number	VRM	Program name
5725-A04	7.6.0	IBM ILOG Inventory and Product Flow Analyst

Education support

IBM training provides education to support many IBM offerings. Descriptions of courses for IT professionals and managers are on the IBM training website

<http://www.ibm.com/services/learning/>

Call IBM training at 800-IBM-TEACH (426-8322) for catalogs, schedules, and enrollments.

Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

<http://www.ibm.com/software/passportadvantage>

Publications

No publications are shipped with this product.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Technical information

Specified operating environment

Hardware requirements

Minimum desktop Install requirements

- RAM: 1 GB required
- Processor: 1 GHz or faster processor
- Disk space: 5 GB free space required

Recommended desktop install requirements

- RAM: 2 GB or higher
- Processor: 2 GHz or faster (Dual or Quad Core) processor
- Disk Space: 50 GB free space

Minimum server install requirements

- RAM: 2 GB required
- Processor: 1.4 GHz or faster processor
- Disk space: 50 GB free space

Recommended server install requirements

- RAM: 16 GB recommended if large models are to be optimized
- Processor: 2 GHz or faster (Dual or Quad Core) CPUs
- Disk space: At least 100 GB free space recommended

Software requirements

- Microsoft™ Windows™ XP SP2 and higher
- Microsoft Windows Vista SP1 and higher
- Microsoft Windows 7 SP1 and higher
- Microsoft Windows Server 2003 SP2 and higher
- Microsoft Windows Server 2003 R2 SP2 and higher
- Microsoft Windows Server 2008 SP2 and higher
- Microsoft Windows Server 2008 R2 SP1 and higher
- 32-bit and 64-bit Windows Operating Systems Supported
- Microsoft SQL Server 2005 SP3, Microsoft SQL Server 2008 SP3, Microsoft SQL Server 2008 R2 SP1

- Microsoft .NET 3.5 SP1 and Microsoft .NET 4.0
- Microsoft Visual C++ 2008 SP1 32-bit Runtime

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express®. Product upgrades and technical support are provided by the Software Subscription and Support (also referred to as Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available.

Packaging

The IBM ILOG product packages comprise:

- Product CD-ROMs, DVDs, or both
- Printed Quick Start Guide

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

IBM ILOG products use the security and auditability features of the host hardware or software.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

This product is only available via Passport Advantage. It is not available as shrinkwrap.

Product information

Licensed function title	Product group	Product category
IBM ILOG Inventory and Product Flow Analyst	Supply Chain Management	Inventory Analyst
IBM ILOG Inventory and Product Flow Analyst - Demand Forecasting Option	Supply Chain Management	Inventory Analyst
Program name	PID number	Charge unit description
IBM ILOG Inventory and Product Flow	5725-A04	Per User Value Unit

Analyst
IBM ILOG Inventory and Product Flow 5725-A04 Per User Value Unit
Analyst - Demand Forecasting Option

Charge metrics definitions

User Value Unit (UVU)

UVU is the metric by which this program is licensed. UVU entitlements are based on the number of users for the given program. A Proof of Entitlement (PoE) must be obtained for the appropriate number of UVUs required for your environment as defined by the specific program terms. The UVU entitlements are specific to the program and may not be exchanged, interchanged, or aggregated with UVU entitlements of another software program. UVU licensing offers you price benefits for customers by enabling a lower cost of incremental growth of resources. To understand these benefits of UVU licensing, and to determine how many UVUs to obtain for the program, contact your IBM representative.

Passport Advantage program licenses

Part description	Part number
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IBM ILOG Inventory and Product Flow Analyst

IBM ILOG Inventory and Product Flow Analyst - Demand Forecasting Option	
IBM ILOG Inv and Prod Flow Analyst - DFO UVU Annual SW S&S RnwI	E08PPLL
IBM ILOG Inv and Prod Flow Analyst - DFO UVU Lic + SW S&S 12 Mo	D0CUJLL
IBM ILOG Inv and Prod Flow Analyst - DFO UVU SW S&S Reinstate 12 Mo	D0CUKLL
IBM ILOG Inventory and Product Flow Analyst	
IBM ILOG Inv and Product Flow Analyst UVU Lic + SW S&S 12 Mo	E08PNLL
IBM ILOG Inv and Product Flow Analyst UVU Lic + SW S&S 12 Mo	D0CUCLL
IBM ILOG Inv and Product Flow Analyst UVU SW S&S Reinstate 12 Mo	D0CUDLL

Passport Advantage supply

Program name/description	Part number
ILOG Inv/Product Flow Analyst v7.6.0	
IBM ILOG Inventory and Product Flow Analyst v7.6 Windows English Media Pack	B801CEN

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

Entitled maintenance offerings description	Media packs description	Part number
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ILOG Inventory and Product Flow Analyst V7.6.0

IBM ILOG Inventory and Product Flow Analyst - Demand Forecasting Option User Value Unit	IBM ILOG Inventory and Product Flow Analyst v7.6 Windows English Media Pack	B801CEN
IBM ILOG Inventory and Product Flow Analyst User Value Unit	IBM ILOG Inventory and Product Flow Analyst v7.6 Windows English Media Pack	B801CEN

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The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction

with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

License Information form number

Program name	Program number	Form number
IBM ILOG Inventory and Product Flow Analyst	5725-A04	L-ASAY-8RKEA5

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the *IBM Software Support Handbook* found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

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Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

Money-back guarantee

For clarification, note that if for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

This product is only available via Passport Advantage . It is not available as shrinkwrap.

Usage restriction

Yes

Usage is restricted to the level/quantity and type indicated in the Proof of Entitlement (PoE).

For additional information refer to the License Information Document that is available on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Software Subscription and Support applies

Yes. Software Subscription and Support is included with licenses purchased through Passport Advantage and Passport Advantage Express . Product upgrades and technical support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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System i Software Maintenance applies

No

Educational allowance available

Not applicable.

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Prices

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