



# IBM Informix Ultimate Warehouse Edition brings new levels of performance to analytics

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## At a glance

IBM® Informix® Ultimate Warehouse Edition:

- Provides fast and predictable query response times on analytical workloads
- Can help lower overall operating costs by significantly reducing requirements for database tuning
- Significantly improves performance of analytical queries running on IBM Informix Ultimate Edition without requiring application changes
- Enables customers to leverage the same database environment for mixed workloads

## Overview

IBM Informix Ultimate Warehouse Edition is a high-performance offering for IBM Informix, delivering dramatically faster analytic query responses transparently to users when compared to an existing Informix environment without the capabilities available with the Informix Ultimate Warehouse Edition. It integrates into an IBM Informix data warehouse environment, providing high-performance query software that is based on advanced in-memory technology.

The IBM Informix Ultimate Warehouse Edition consists of the following components:

- IBM Informix Ultimate Edition
- IBM Informix Warehouse Accelerator
- IBM Informix Storage Optimization Feature

## Key prerequisites

Refer to the [Hardware requirements](#) and [Software requirements](#) sections.

## Planned availability date

March 29, 2011: Electronic availability

April 7, 2011: Media availability

Availability of programs with encryption algorithm in France is subject to French government approval.

Cryptography in this product is limited to password encryption, authentication, or digital signature.

Refer to the complete letter for national language availability.

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## Description

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IBM Informix Ultimate Warehouse Edition addresses the following client challenges:

- Long-running queries with unpredictable response time that do not allow for ad hoc processing
- Need for DBA to tune the system, with increasingly inadequate results, due to the ad hoc, unpredictable nature of the data warehouse / analytical requests
- Leveraging the same database server environment for mixed workloads

Informix Ultimate Warehouse Edition provides:

- Faster query response times on unpredictable and long-running query workloads
- Help in lowering operating costs by reducing database tuning efforts
- Improved performance on analytical queries compared to your existing Informix environment
- The ability to run mixed workloads

To accomplish these results, Informix Ultimate Warehouse Edition does not require changes in the business intelligence or data warehouse application or the application framework running in an existing Informix environment, because Informix remains the query engine and will offload the specific query to the Informix Warehouse Accelerator.

The implementation and administration of the IBM Informix Ultimate Warehouse Edition is supported by graphical tooling within the IBM Smart Analytics Studio. This provides easy-to-use graphical interfaces to configure and prepare data for deployment.

Informix Ultimate Warehouse Edition is designed to help mitigate database administration costs while significantly speeding up the performance of typical data warehouse or OLAP-specific workloads, in many cases by an order-of-magnitude or more. The Informix Ultimate Warehouse solution enables selected Informix query workloads to be redirected to another processing entity, namely the Informix Warehouse Accelerator. The Informix Warehouse Accelerator is designed as a logical extension to the Informix engine for quick off-loading and processing.

### **Accessibility by people with disabilities**

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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](http://www.ibm.com/able/product_accessibility/index.html)

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## Product positioning

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IBM Informix Ultimate Warehouse Edition is part of the IBM Informix family and joins a comprehensive IBM data warehousing and business intelligence solution for IBM Informix. IBM Informix Ultimate Warehouse Edition provides clients who have a majority of their data maintained on IBM Informix, XPS, or Red Brick™, the opportunity to further leverage the Informix platform for cost-effective data warehousing and business intelligence solutions.

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## Availability of national languages

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Product description	Language	GA date
Informix Ultimate wrhs Ed v11.70.0	English	April 7, 2011

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## Program number

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Program number	VRM	Program name
5725-D14	11.70.0	IBM Informix Ultimate Warehouse Edition

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## Education support

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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/>

Contact your IBM representative for course information.

Available from IBM training, the newest offerings to support your training needs, enhance your skills and boost your success with IBM software. IBM offers a complete portfolio of training options, including traditional classroom, private onsite and eLearning courses. Many of our classroom courses are part of IBM's "Guaranteed to run program," ensuring your course will never be canceled. We have a robust eLearning portfolio including Instructor-Led Online (ILO) courses; and Self-Paced Virtual courses (SPVC). A perfect complement to classroom training, our eLearning portfolio offers something for every need and every budget; simply select the style that suits you.

Be sure to take advantage of our custom training plans to map your path to acquiring skills. Enjoy further savings when you purchase training at a discount with an IBM Education Pack - online account -- a flexible and convenient way to pay, track, and manage your education expenses online.

Check your local Information Management Training website or chat with your training representative for the most recent training schedule.

Course Name	Classroom	Instructor-Led Online	Self-Paced Virtual Classroom
Informix System Administration	IX81	3X81	2X81
Informix Database Administration: Managing and Optimizing Data	IX22	3X22	2X22
Informix Structured Query Language	IX13	3X13	2X13
Informix 11.7	X30	3X30	2X30

Descriptions of courses for IT professionals and managers are available at

[http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp\\_search](http://www.ibm.com/services/learning/ites.wss/tp/en?pageType=tp_search)

For scheduling and enrollment, visit

<http://www.ibm.com/training>

IBM Professional Certification:

Information Management Professional Certification is a business solution for skilled IT professionals to demonstrate their expertise to the world. Certification validates skills and demonstrates proficiency with the most recent IBM technology and solutions.

Exam #	Exam name	Certification title
919	Informix 11.70 System Administrator	IBM Certified System Administrator - Informix 11.70
555	IBM Informix Dynamic Server 11.50 Fundamentals	IBM Certified Database Associate - Informix Dynamic Server 11.50 Fundamentals

For additional information about this exam, refer to the following

<http://www-03.ibm.com/certify/tests/ovr919.shtml>

<http://www-03.ibm.com/certify/tests/ovr555.shtml>

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## Offering Information

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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>

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## Publications

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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.

IBM Redbooks®

IBM Redbooks offer deep technical insight from IBM and industry experts. These books highlight real-time experiences, and include sample code, typical scenarios and step-by-step, "how-to" guidelines.

IBM Form No	Title
SG24-7847-00	Migrating from Microsoft® SQL Server to IBM Informix

SG24-7884-00  
SG24-7730-00

Informix Developer's Handbook  
Migrating from Oracle to IBM  
Informix on Linux®, Unix, and  
Windows  
Embedding Informix  
Data Warehousing with Informix

For additional Redbooks, visit

<http://www.redbooks.ibm.com>

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

The following table lists the supported hardware and operating system for the following products:

#### **Informix Ultimate Edition**

Processor/System	Operating system	Informix 11.70
IBM Power® (IBM System p)	AIX® 6.1 (64-bit)	64-bit
Sun Sparc	Solaris 10 (64-bit)	64-bit
Intel x64 (Intel® EM64T)	Linux RHEL 5 (64-bit), SUSE 11 (64-bit)	64-bit
HP Itanium®	HP-UX 11.31 (64-bit)	64-bit

The Informix Warehouse Accelerator component is supported on the following platforms:

Processor/System	Operating system	Informix warehouse Accelerator
Intel x64 (Intel® EM64T)	Linux RHEL 5 (64-bit), SUSE 11 (64-bit)	64-bit

#### **Software requirements**

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.

#### **Security, auditability, and control**

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IBM Informix Ultimate Warehouse Edition uses 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.

#### **Global Technology Services**

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Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

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## Ordering information

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For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit

<http://www-306.ibm.com/software/support/pa.html>

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

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software ValueNet®.

For more information about IBM Software ValueNet, visit

[http://www-01.ibm.com/software/lotus/passportadvantage/IBM\\_SW\\_ValueNet.html](http://www-01.ibm.com/software/lotus/passportadvantage/IBM_SW_ValueNet.html)

To locate IBM Business Partners for Software ValueNet in your geography for a specific Software ValueNet portfolio, contact your IBM representative.

### Product information

Licensed function title	Product group	Product category
IBM Informix Ultimate Warehouse Edition CPU Option	IBM Informix Servers	Informix Editions
Program name	PID number	Charge unit description
IBM Informix Ultimate Warehouse Edition CPU Option	5725-D14	Per Processor value Unit (PVU)
IBM Informix Ultimate Warehouse Edition CPU Option	5725-D14	PROCESSOR-Day(s)

### Charge metrics definitions

#### Processor Value Unit (PVU)

Processor Value Unit (PVU) is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU Table by processor value, brand, type, and model number at the following website and the number of processors made available to the program.

[http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html)

IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either Full Capacity licensing or Virtualization Capacity (Sub-Capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms (see webpage below). If using Full Capacity licensing, Licensee must obtain PVU entitlements sufficient to cover all activated processor cores<sup>1</sup> in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using Virtualization Capacity licensing, Licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

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An Activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

## Notes

- Some programs may require licenses for the program and what is being managed. In that case, the following applies: In addition to the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies: Instead of the entitlements required for the program directly, Licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies: Rather than obtaining entitlements for the activated processor cores available to the program, Licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.
- Express® and Workgroup programs may be licensed with maximum use terms. In that case, the following applies: The maximum authorized use terms and conditions for PVU licensed IBM Express and Middleware Programs can be found in the IBM Express and Middleware Licensing Guide.

## Passport Advantage program licenses

### Informix Ultimate Warehouse Edition

Part description	Part number
IBM Informix Ultimate Warehouse Edition CPU Option Informix Ultimate whse Ed Per Processor Value Unit (PVU) Annual SW S&S Rnwl	E0BQ7LL
Informix Ultimate whse Ed Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D0IJGLL
Informix Ultimate whse Ed Per Processor Value Unit (PVU) SW S&S Reinstate	D0IJHLL

## Passport Advantage Trade-up licenses

### Informix Ultimate Warehouse Edition

Precursor product	Trade-up product	Part number
IBM Informix Ultimate Warehouse Edition CPU Option	Informix Ultimate whse Ed PVU fr IFMX Ultimate Ed PVU Trade Up Lic + SW	D0IJILL

## Passport Advantage supply

Program name/description	Part number
Informix Ultimate wrhs Ed v11.70.0	
Informix Ultimate wrhs Ed AIX 6,SUSE Linux Enterprise Server (SLES),Red Ha	BB16MML

## **Passport Advantage customer: Media pack entitlement details**

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

### **Informix Ultimate Warehouse Edition V11.70.0**

Entitled maintenance offerings description	Media packs description	Part number
IBM Informix Ultimate Warehouse Edition CPU Option per Processor Value Unit Metric	Informix Ultimate wrhs Ed AIX 6,SUSE Linux Enterprise Server (SLES),Red Ha	BB16MML

### **On/Off CoD**

#### **IBM Informix Ultimate Warehouse Edition CPU Option**

Part description	Part number
Informix Ultimate whse Ed PROCESSOR-Day(s) Per Use-Day OOCOD	D0IK6LL

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## **Terms and conditions**

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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.

### **License Information form number**

Program name	Program number	Form number
Informix Ultimate Warehouse Edition	5725-D14	L-STTN-8CSNUJ

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

### **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.
- For clarification, note that for programs acquired under any of IBM's On/Off CoD software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

**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. 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>

**IBM Operational Support Services -- SoftwareXcel**

No

**System i Software Maintenance applies**

No

**Educational allowance available**

Education allowance does not apply.

Education software allowance does not apply.

Special education prices are available for qualified customers through Passport Advantage.

**On/Off Capacity on Demand (CoD)**

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To be eligible for On/Off CoD pricing, customers must be enabled for temporary capacity on the corresponding hardware, and the required contract - Z125-6907, Amendment for iSeries® and pSeries® Temporary Capacity On Demand - Software - must be signed prior to use.

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## Prices

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For all local charges, contact your IBM representative.

### **Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner, or authorized IBM Business Partner for Software ValueNet, if applicable. Additional information is also available at

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

### **Business Partner information**

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required.

<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller/emea/channelannouncement>

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## Announcement countries

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All European, Middle Eastern, and African countries except Iran, Sudan, and Syria.

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<http://www.ibm.com/planetwide/>