

Software

Your complete line of solutions for

Windows, Windows NT, UNIX and OS/2



CATALOG

U.S. Version

SUMMER 2000



New! DB2 Universal Database V7.1

The world's most popular database management system now with improved performance and availability

See pages 5 & 6



e-business

IBM and the Sydney 2000 Olympic Games – an IT challenge that demands e-business excellence

See page 49



New! Check out our new software e-catalog

Page 4 Contents

Page 47 Index

visit

ibm.com/shop/software

call 800 426-2255

Case Study



DB2 Universal Database: A rock-solid foundation for the Sydney 2000 Olympic Games.

For 17 days, beginning on September 15, 2000, nearly 6 out of every 10 people in the world will focus their attention on the Sydney 2000 Olympic Games. That puts the pressure to perform on 10,300 athletes from 200 countries. It also puts pressure on the integrated IT solution that supports this historic event.

As the Olympic Games Worldwide Information Technology Partner, IBM is creating and managing the Games' robust e-business solution. IBM began this massive effort by building the solution on **IBM DB2 Universal Database** – the award-winning database application that helps to ensure data integrity, accuracy and reliability across multiplatform environments.

How DB2 plays a role in the Olympic Games

DB2 applications support many systems at the Games, beginning with

the Central Results System. With DB2 running on an IBM OS/390 platform, the Central Results System receives competition information – like scores, times and statistics – for 28 sports and 300 medal events from the Venue Results applications. This information is made available to the World New Press Agencies (WNPA) application, which transmits these high volumes of data to meet worldwide press deadlines.

Where do the 260,000 members of the Olympic Family go to get the latest information during the Games? They rely on INFO, an intranet-based system powered by DB2 Universal Database and **Lotus Domino**, running on IBM RS/6000 SP servers. Using INFO, the Olympic Family can easily serve themselves comprehensive information through a Web browser-based interface.

Meet worldwide demand head-on

The Official Sydney 2000 Olympic Games Web site at www.olympics.com – developed and hosted by IBM – is expected to be one of the most highly accessed sites ever. Internet users can browse an awe-inspiring range of information about Sydney, every athlete, every country and every sport at the Games. They can also purchase Games merchandise and tickets online. An RS/6000 SP serves as the platform for the Web site, using DB2 Universal Database to collect and manage live event results data.

**Consistent.
Accurate.
Dependable.**

That's the strength of IBM DB2 Universal Database. It's what you need when the whole world is watching.

See Pages 5 & 6 for more information about the DB2 family of products.

visit

ibm.com/shop/software

call 800 426-2255

*Feature Products***Page 5 & 6****DB2 Universal Database V7.1**


This extremely easy-to-use version of DB2 features per-processor pricing and unlimited Web access at less than a third the price of some competitors.

Page 11**DB2 Warehouse Manager V7.1**

Everything you need to build a high-performance data warehouse. A comprehensive set of integrated database, middleware, query and reporting functions. Shortens the distance between mountains of data and insightful business decisions.

Page 13**MQSeries**

Award-winning messaging software that supports enterprise, cross-platform application integration and electronic vendor communication.



Make your **e-business** a winner.

Page 24**WebSphere Commerce Suite**

Quickly create and deploy dynamic e-commerce sites with this industry-leading, integrated solution — helping you build customer loyalty, reduce costs and get to market faster than the competition.

Page 23**WebSphere Commerce Studio**

The industry's first visual layout tool for dynamic Web pages using JSPs, WebSphere Studio provides HTML, JavaScript and DHTML support and a unique JSP debugger.

Page 27**PCOMM V5.0**

Use IBM Personal Communications V5.0 to connect users to data using nearly any protocol (IP, SNA, HPR and SNA).

visit**ibm.com/shop/software****call 800 426-2255**

Contents

Product info at your fingertips

The latest software product information is available at:

- Internet site: **ibm.com/software**

If you don't see it, call

The programs and products available in this catalog represent only a portion of the desktop software from IBM.

Volume Discounts

Many business customers enjoy significant savings through IBM volume discounts. If you're one of them, we'll be happy to honor your existing discount arrangements. Just give us a call.

Cross-platform compatibility

Now, in just a single glance, you can discover which software runs on which platforms! Simply refer to the alphanumeric codes.

AIX	= AIX	W31	= Windows 3.1 and higher
DOS	= DOS	W2000	= Windows 2000
HP-UX	= HP-UNIX	W3X	= All Windows 3x software
LNx	= Linux	W95	= Windows 95
MAC	= Macintosh	W98	= Windows 98
NET	= NetWare	W9X	= All Windows 9x software
NUMA-Q	= NUMA-Q	WNT	= Windows NT
OS2	= OS/2 Warp OS/2 Warp Server	UNIX	= UNIX
OS4	= OS/400	OS390	= OS/390
SCO	= SCO		
SUN	= Sun Solaris		

Watch for these icons:



5 Data Management

5 Data Management

13 Transaction Systems

13 Transaction Systems

18 Speech Recognition

18 Speech Recognition

19 e-business

19 e-business

34 Application Development

34 Application Development

41 Tivoli

41 Tivoli

45 Operating Systems & Systems Management

45 Operating Sys. & Sys. Mgmt.

47 Index

47 Index

visit

ibm.com/shop/software

call 800 426-2255

A giant leap forward in database technology

IBM DB2 Universal Database V7.1

OS2 WNT W98 W95 W2000 AIX HP-UX SUN LNX NUMA-Q



**TRY &
BUY**

Download free
add-ons, tools,
demos, betas and
full-function trial
versions for most
of the IBM and
Lotus in this
catalog at:
ibm.com/software



DB2 UDB V7.1 is scalable across all platforms

- **Always Available! DB2 is built for reliability and availability, so it's up when you are open for business. On the Internet, that means all the time**
- **Powerful! DB2 handles the most demanding e-commerce, CRM, BI, SCM and ERP applications**
- **Unparalleled Scalability! DB2 supports millions of users and terabytes of data in leading e-business applications worldwide**
- **Easy Access to Your Business! DB2 empowers your mobile workers by putting enterprise information in the palms of their hands**
- **Leveraging Information! DB2 helps you extract, consolidate, integrate, summarize, analyze, and share information across your enterprise to identify new insights and opportunities**
- **Web Enablement! Built for the Web, DB2 supports all the key Internet standards. WebSphere, a new XML Extender, and built-in Java support make it easy for you to deploy e-business applications. DB2 Net Search Extender allows extremely fast in-memory searches**
- **Application Development! DB2 delivers the tools, including Java and Web tools that you need to rapidly deploy applications on the Internet or anywhere.**

DB2 is also available on SCO UnixWare 7 with V5.2. Client access is provided from these platforms plus DOS, Apple MacOS and Silicon Graphics IRIX, plus Web access with popular browsers and Java applications thanks to DB2's native Java/JDBC support and its built-in Net.Data capabilities.

What does the newest version of DB2 Universal Database mean to users?

- **Support for new platforms - Windows 2000 and NUMA-Q.**
- **DB2 OLAP Start Kit is included with each of the DB2 UDB offerings with the exception of DB2 Satellite Edition.**
- **Data Warehouse Center to create and manage data warehouses and it is integrated with the DB2 Control Center.**
- **New data type for storing XML.**
- Applications Development Enhancements include:**
 - **Additional integration with Microsoft Visual Studio.**
 - **Declared temporary tables.**
 - **Application savepoints for improved roll back processing.**

IBM DB2[®] Universal Database 7.1 has all this and more

DB2 Universal Database is virtually impossible to outgrow. It scales from Intel to UNIX** platforms as well as from uni-processors (including laptops) to symmetric multiprocessor (SMP) to massively parallel processor (MPP) configurations.

As the industry's first multimedia, Web-enabled database, DB2 Universal Database supports state-of-the-art data mining, data warehousing and transaction processing. From OLAP to OLTP, it lets you develop fast, reliable, secure application solutions easily and quickly - and that translates into industry-leading, low cost of ownership.

There are nine DB2 products to choose from:

DB2 Universal Database Personal Edition

Provides a single-user relational database management system for your OS/2*, Linux or Windows** desktop.

DB2 Universal Database Workgroup Edition

A multiuser DB2 database for applications and data shared in a workgroup or department setting on PC-based LANs.

visit

ibm.com/shop/software

call 800 426-2255

A giant leap forward in database technology

IBM DB2 Universal Database V7.1

OS2 WNT W98 W95 W2000 AIX HP-UX SUN LNX NUMA-Q

DB2 Universal Database Enterprise Edition

A multiuser DB2 database for complex configurations and large database needs for Intel to UNIX platforms and uniprocessors to the largest SMPs.

DB2 Universal Database Enterprise Extended Ed.

Provides a high-performance mechanism for complex data manipulation in large SMP and MPP-clustered server configurations on Windows NT**, Sun's Solaris Operating Environment and AIX*.

DB2 Connect Personal Edition

Provides your OS/2, Linux or Windows desktop with transparent access, via direct connection, to stored data in DB2 on S/390* or AS/400* servers.

DB2 Connect Enterprise Edition

Extends the Connect function to UNIX platforms and client workstations in a workgroup, department or LAN setting.

DB2 Connect Unlimited Edition

Is on an unlimited usage model based on the millions of service units per hour (MSU) entitlements of the DB2 Universal Database for OS/390.

DB2 Personal Developer's Edition

Provides all the tools required for one software developer to develop business tools and applications for DB2 Personal Edition products.

DB2 Universal Developer's Edition

Provides all the tools required for one software developer to develop client/server applications to run on DB2 Universal Database.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/data/offers

The following table summarizes the functional content of each product:

Component or Product	UDB PE	UDB WE	UDB EE	UDB EEE	CPE	CEE	PDE	UDE
Object-Relational Database Engine	Y-SU	Y-MU	Y-MU	Y-MU			Y-SU	Y-MU
Multimedia Support - DB2 Extenders	RT	RT	RT	RT			Y	Y
Web-Enablement - Net.Data		Y	Y	Y		Y		Y
Replication Support - DataPropagator Relational	Y	Y	Y	Y			Y	Y
Extended GUI Administration Tools	Y	Y	Y	Y	Y	Y	Y	Y
Client Pack (CAEs)		Y	Y	Y		Y		Y
Web-Enablement - WebSphere Application Server		Y	Y	Y		Y		Y
Host Connectivity (DRDA*-AR) - DB2 Connect			Y	Y	Y-SU	Y	Y-SU	Y
Development APIs - SDK							Y	Y
VisualAge* for Java**							Y	Y

KEY:

Y - Yes	SU - Single User	MU - Multiple User
PE - DB2 Personal Edition	PDE - DB2 Personal Developer's Edition	RT - Run-Time Licensing
WE - DB2 Workgroup Edition	UDE - DB2 Universal Developer's Edition	EEE - DB2 Enterprise - Extended Edition
EE - DB2 Enterprise Edition	CPE - DB2 Connect Personal Edition	CEE - DB2 Connect Enterprise Edition

Product No.	Description	Price \$
▶ 41L2717	DB2 Universal Database Personal Edition V7.1	350
▶ 41L2727	DB2 Universal Database Workgroup Edition V7.1	949
41L2981	DB2 Universal Database Wkgrp. Ed. - 1 User	236
41L2982	DB2 Universal Database Wkgrp. Ed. Internet Access - 1 Processor	2,850 ¹
11K7630	DB2 Universal Database Enterprise Edition V7.1	17,600 ¹
11K6770	DB2 Universal Database Enterprise Ed. - 1 Processor	17,500 ¹
11K6771	DB2 Universal Database Enterprise Ed. - 1 Host User Connection	249 ¹
11K7641	DB2 Universal Database Enterprise Extended Edition V7.1	22,600 ¹
11K8165	DB2 Universal Database Enterprise Ext. Ed. - 1 Host User Connection	249
11K8100	DB2 Universal Database Enterprise Ext. Ed. for NUMA-Q V7.1	22,600 ¹
▶ 11K8091	DB2 Universal Database Personal Developers Edition V7.1	37
11K7879	DB2 Universal Database Universal Developers Edition V7.1	949
▶ 11K7622	DB2 Connect Personal Edition Version 7.1	236
41L2987	DB2 Connect Enterprise Edition Version 7.1	2,375

▶ 24 Hour QuickShip

¹ Call for Passport Advantage pricing that offers discounts off of these published prices.
IBM DB2 Universal Database V6.1 is still available. Please call for product numbers and pricing.

IBM
*Global
Services*
For Services
Solutions

PASSPORT
ADVANTAGE

Be sure to ask about
Passport Advantage

QuickShip **24** hours

visit

ibm.com/shop/software

call 800 426-2255

Content Manager: e-content for e-business solutions

IBM Content Manager

WNT

TRY & BUY

Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at:
www.ibm.com/software

PASSPORT ADVANTAGE

Be sure to ask about Passport Advantage



See what people in the industry have to say about their experiences with IBM Content Manager:

- "EDMSuite (IBM Content Manager) is a highly-extendible content management system with a feature-rich API, which allows us to store and access documents of all types – anything from images through native PC formats, like Microsoft® Word and Excel, to audio, and even streaming video." Jeff Mitchell, lead analyst for AutoZone's Enterprise Document Management (EDM) Group.

- "We're leveraging IBM's content management solutions to offer leading-edge EBPP solutions to customers. EDMSuite (IBM Content Manager) is one of the most powerful, scalable and open archiving systems on the market. It's very popular, especially in the financial and telecommunications industries," says President and CEO Hal Davis. "So, from both a business and a technology perspective, it's been very important for BlueGill to integrate our product with IBM's content management solutions."

- "We'll achieve 100 percent return on investment on our IBM solution within two years," says Heidi Self, ImagePlus VisualInfo product manager for Hewitt.

In the corporate world today, it's crucial to manage the vital information assets in your company: from data applications to unstructured data in your documents, multimedia, or other sources.

IBM Content Manager manages typically paper-based information such as customer correspondence and facsimiles as well as graphics, and audio and video clips.

IBM Content Manager OnDemand automatically captures, manages, stores, and retrieves high volumes of computer application output – making paper and microfiche archives obsolete.

IBM Content Manager CommonStore for SAP, a certified e-business solution for SAP R/3, enables enterprises to electronically archive, manage, and distribute SAP R/3 data.

IBM Content Manager CommonStore for Lotus Domino offloads documents and e-mails from Notes databases for long-term storage and convenient retrieval.

IBM MQSeries Workflow refines and controls processes for smoother work management.

Lotus Domino.Doc keeps everyone in synch and gives you absolute document security within a totally collaborative workspace.

An eye toward success

Thanks to IBM software, every person in every department can enjoy reliable, immediate access to a wealth of digital documents. The results: A workforce and workplace that's more efficient, more productive and more competitive.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/data/cm

Product No.

Call for individual product pricing.

Content Manager is a new product which combines the strengths of IBM EDMSuite and DB2 Digital Library.

visit

ibm.com/shop/software

call 800 426-2255

*Access widespread and diverse data sources from anywhere,
anytime, by anyone you allow*

IBM® Enterprise Information Portal



■ **A common foundation for integrating information, applications and people**

■ **Federated search across various information sources**

■ **Advanced search capabilities of the IBM Enterprise Information Portal provide enablement for full text and parametric searches, including XML or HTML structured document searches**

■ **Relevant information provided in context empowers more effective decision making and faster response to customer questions**

■ **Modular connector architecture to support integration of additional data sources**

■ **Unified API set and advanced application development toolkit to enable rapid deployment of e-business application portal solutions.**

In the new world of e-business, every company's survival and prosperity depends on its ability to quickly leverage information about customers, competitors, and suppliers – no matter where the information resides. Harnessing this growing amount of information is no easy task... that is, until now. With IBM® Enterprise Information Portal, companies can enhance their ability to make informed decisions by improving the retrieval, dissemination and use of available information.

IBM Enterprise Information Portal provides the foundation for a single point of access to both structured and unstructured, IBM or non-IBM information sources. It supports federated search across Content Manager servers. The architectural design of the Enterprise Information Portal provides the foundation and development toolkit for IBM, customers and partners to develop connectors to additional data sources such as business applications, file systems, collaborative and relational databases and more.

The Enterprise Information Portal will enable business users to make faster, more effective business decisions, enhance customer service, and reduce operational expenses.

Visit our Web site at: ibm.com/software/data/eip

Product No.	Description	Price \$
11K7005	IBM Enterprise Information Portal V6.1 – Server	100,000 ¹

¹ Call for Passport Advantage pricing that offers discounts off of these published prices.

visit

ibm.com/shop/software

call 800 426-2255

PASSPORT
ADVANTAGE

Be sure to ask about
Passport Advantage



Digital
Delivery

Keep mobile forces attached to the database

DB2 Universal Database Satellite Edition

W95, W98, WNT

■ **A full-function, high performance version of DB2 specifically designed for laptops running Windows 95, Windows 98 or Windows NT.**

The challenge of keeping mobile workers connected to an up-to-date database has been met – with DB2 Universal Database Satellite Edition. Setup and administration is simplified with central administration. And, users have the ability to replicate data from the laptop and receive changed data from corporate systems.

Ideal for large-scale deployments of mobile or field applications where access to reliable, up-to-date data is critical, or applications and occasionally connected businesses such as branch offices.

Description

Call for product numbers and pricing.

Keep mobile workers connected

DB2 Everyplace

■ **DB2 Everyplace provides access to your enterprise data from a variety of handheld devices.**

Specifically designed for mobile workers using a variety of portable devices such as palm computers to access corporate data and applications. With the power of the enterprise at their fingertips, workers in industries such as insurance, healthcare and transportation can act on the information they need to perform their work from any location, anytime, making them more productive.

Requirements:	Call for hardware and software requirements.
Description	
Call for product numbers and pricing.	

Extend the capabilities of your database

DB2 Universal Database - Data Management Support Products

For customers transforming their businesses to e-businesses, DB2 helps them leverage their information by providing the performance, scalability, reliability and availability needed for the most demanding e-commerce, CRM, Business Intelligence, and ERP applications. Now, with the announcement of V7.1, the DB2 Universal Database product family offers the most comprehensive set of data management products yet!

Multiple editions of the DB2 Universal Database provide for unparalleled scalability so customers can choose the edition that meets their specific needs. (See pages 5&6 for full descriptions of these editions.) A number of complimentary products are also available to extend the capabilities of DB2 Universal Database V7.1. These products include:

- DB2 Connect provides your applications transparent access to data stored on any DRDA compliant database.
- DB2 Universal Developer 's Edition gives you a comprehensive suite of tools that helps you build DB2 Universal Database applications.

- DB2 Data Links Manager provides security and recoverability for external data by allowing files external to DB2 to be referenced and controlled by DB2.
- DB2 Warehouse Manager enhances the scalability, manageability and accessibility of the Data Warehouse Center.
- DB2 Query Patroller and Information Catalog have been integrated into this feature.
- DB2 Relational Connect provides native read access to Oracle databases.
- DB2 Net Search Extender allows for extremely fast in-memory searches for e-commerce and Web self-service applications.
- DB2 Spatial Extender allows users to integrate spatial data into their business queries.

DB2 Universal Database V7.1 - comprehensive and superior database support!

The platform for business analysis, planning and forecasting

IBM DB2 OLAP Server V7.1

WNT AIX SUN HP-UX 390

- Provides a complete OLAP (online analytical processing) server
- Enables fast, intuitive, multidimensional data analysis
- Web-ready to support your e-business needs
- Supports multiuser read/write for "what if" scenarios like budgeting and forecasting
- Significantly improved performance when building and querying OLAP data
- Stores data relationally for query and management flexibility or in Essbase for performance
- Greater national language support to cover single- and double-byte languages used internationally
- Broad industry support with over 50 tools and applications.

The DB2 OLAP Server is scalable, industrial-strength Online Analytical Processing (OLAP) software that enables you to build sophisticated decision support, planning, and analysis applications for your enterprise. DB2 OLAP Server provides a fast path to turn your warehouse data into business insight.

This powerful platform also supports all major data warehouses and is easy to integrate into any computing environment. Its leading-edge features include rapid response times in networked environments, large-scale data capacity, multi-user read/write access, flexible data navigation and linked reporting objects.

DB2 OLAP Server V7.1 is built for e-business with tools to help you quickly deploy Web-based analytical applications. It provides significant improvements over the previous release, DB2 OLAP Server V1.1 in the areas of functionality, scalability, performance, and usability.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/data/db2/db2olap

Product No.	Description	Price \$
11K7908	DB2 OLAP Server Standard Edition V7.1, Program Pkg.	28,000
11K6785	DB2 OLAP Server Personal Edition V7.1, Program Pkg.	1,300

PASSPORT
ADVANTAGE

Be sure to ask about
Passport Advantage

Intelligent Miner reveals corporate gems

IBM DB2 Intelligent Miner for Data V6.1

AIX SUN WNT



Analysis, data exploration and scalability options that enhance core data mining capabilities while making critical data more accessible.

- Uncovers hidden patterns and predicts future behavior enabling you to gain a competitive advantage
- Lets you mine structured data stored in conventional databases or flat files.

This powerful, award-winning collection of tools arms your analysts and business technologists with superior data processing, statistical analysis and results visualization capabilities.

At the heart of Intelligent Miner for Data are its innovative mining algorithms that make for more intuitive and strategic decision-making. These algorithms can be used individually or in combination to address a wide range of business problems and, more importantly, deliver measurable results.

The core technology for IBM data mining solutions is supported by numerous industry-recognized mining consultants and deployed by finance, telecommunications, insurance and healthcare companies around the globe.

Requirements:	Call for hardware and software requirements
Media:	CD-ROM

Visit our Web site at: ibm.com/software/data/iminer

Product No.	Description	Price \$
0780359	IBM DB2 Intelligent Miner for Data V6.1 Program Package	60,000
0780385	IBM DB2 Intelligent Miner for Data V6.1 Processor Entitlement	59,950

visit

ibm.com/shop/software

call 800 426-2255

Manage and access the DB2 Data Warehouse Center with ease

DB2 Warehouse Manager



New



Data Warehouse Center provides an integrated, easy-to-use infrastructure for creating and managing data warehouses. DB2 Warehouse Manager is a separately priced feature that enhances the scalability, manageability, and accessibility of the Data Warehouse Center by providing:

- **Superb scalability with point-to point data movement options for distributed systems on Windows 32-bit operating systems, OS/2, AIX, and Sun Solaris**
- **Faster deployment via common, pre-built warehouse and statistical transformations**
- **Better user scalability by providing governing functions that allow the data center to manage query workloads**
- **Better manageability by providing information on resource and user access history to charge-back and to pinpoint most-used data for tuning or identify least-used data for archiving**
- **Better end user access through an information catalog that helps end users find, understand and access relevant information**
- **Enterprise reporting to develop and deliver reports to unlimited clients.**

DB2 Warehouse Manager now includes DB2 Query Patroller, Information Catalog, and QMF for Windows - all with expanded capabilities

DB2 Query Patroller: Provides the extensive query governing that gives control to the data center to govern queries, analyze costs, manage resources and track usage. Enhanced functions of DB2 Query Patroller now include:

- "Query trap" support on all platforms supported by DB2 Clients
- Ability to trap dynamic SQL queries regardless of the API
- High availability through a retry mechanism that allows automatic restart following a database server failure

Information Catalog: Assists with finding, understanding and accessing available information by:

- Populating the catalog by interchanging metadata with the Data Warehouse Center and other analytical tools including 1-2-3, Brio, Business Objects, Excel, QMF for Windows and others
- Allowing users to directly register shared information objects
- Providing navigation or searching across objects to find relevant information
- Displaying the metadata about the object including name, description, contact, currency, lineage, and tools
- Improves ease of use of Web interface and provides tighter integration with DB2 OLAP Server, Hyperion Essbase, QMF, and other front-end tools

QMF for Windows: This is the third product integrated into the new DB2 Warehouse Manager. It provides a multi-purpose query tool for business reporting, data sharing, server resource protection, robust application development and native connectivity to all DB2 workstation platforms.

DB2 Warehouse Manager and Data Warehouse Center are meant to be replacements for Visual Warehouse.

Product No.	Description	Price \$
11K8080	DB2 Warehouse Manager V7.1 Program Product	8,170
11K8077	DB2 Warehouse Manager V7.1, 1 Proc. Entitlement	8,075
11K8104	DB2 Warehouse Manager V7.1 Upgrade from Query Patroller V6	4,085
11K8087	DB2 Warehouse Manager V7.1 Upgrade from Visual Warehouse V3 or V5	4,085

visit

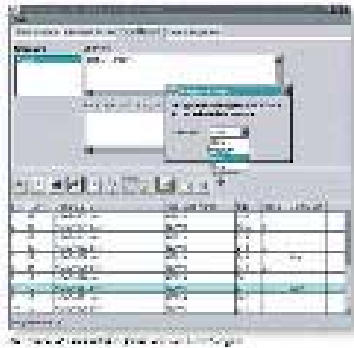
ibm.com/shop/software

call 800 426-2255

Data mining tools to help you strike gold

IBM Intelligent Miner for Text V2.3

AIX WNT



■ **Features the most comprehensive text analysis/search technology on the market**

■ **Extracts any characteristic - names, terms, places, numeric values and more**

■ **Offers a wide variety of search paradigms, including Boolean queries, precise term search and fuzzy search for Chinese, Japanese and Korean.**

System integrators, solution providers and application developers alike will appreciate the wide range of sophisticated analysis tools, full-text retrieval components and Web access tools available to enrich business intelligence solutions.

The text analysis tool automatically clusters or groups related documents based on content. It also automatically assigns these documents to user-defined categories. And when it comes to feature extraction, it recognizes significant terms in text, such as names, dates, abbreviations and more.

Hardware Requirements:	Any RS/6000 system processor supporting SMP processing and a minimum of 64MB RAM (for AIX); any Pentium** - based processor with a minimum of 64MB RAM and SMP processor support (for NT).
Software Requirements:	AIX V4.3 or higher or Windows NT V4.0 plus Service Pack 3.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/data/iminer/fortext/

Product No.	Description	Price \$
11L3691	IBM Intelligent Miner for Text V2.3	30,000 [†]

[†] Call for Passport Advantage pricing that offers discounts off of these published prices.

**PASSPORT
ADVANTAGE**

**Be sure to ask about
Passport Advantage**

Business intelligence starts here!

IBM Query Management Facility for Windows for DB2 Workstation Databases V7

WNT W9X

■ **Simplifies query and reporting tasks**

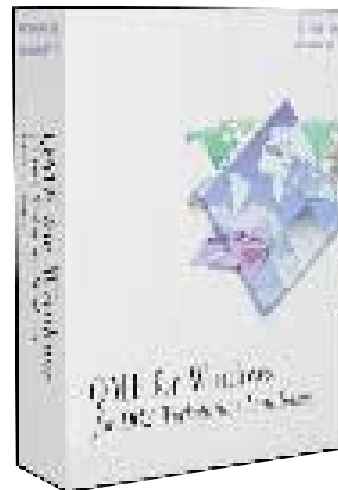
■ **Easily turns raw data into answers your business can use to grow**

■ **Allows you to automate HTML report publishing and make the Web a new warehouse of business knowledge.**

QMF™ for Windows™, Version 7 is a multipurpose enterprise query environment for large-scale business reporting, data sharing, and native connectivity to all of the DB2® workstation platforms. It also provides server resource protection and powerful application development.

QMF for Windows now gives you ease of use with a point-and-click/drag-and-drop interface to QMF form creation. Aggregation, grouping, and formatting can be performed in the query results.

Designed for DB2 and for situations where the broadest range of needs must be met with the minimum number of tools, QMF for Windows strategically excels at delivering the most essential and most frequently required business reporting capabilities for a competitive advantage.



Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/qmf

Product No.	Description	Price \$
11K6792	QMF for Windows V7 Program Pkg	2,500
11K6795	QMF for Windows, Additional Processor Charge	2,470

Note: Call for information on 10 and 50 additional processors charge.

visit ibm.com/shop/software call 800 426-2255

Enterprise application integration

IBM MQSeries V5.1

WNT W31 OS2 AIX SUN HP-UX

■ **Award-winning messaging software for enterprise cross-platform application integration and electronic vendor communication**

■ **Exchange information across as many as 35 different operating systems**

■ **Consistent, familiar interface across all platforms minimizes need for user retraining**

■ **Programmers can develop and implement cross-platform links faster**

■ **Protects existing IT investment by maximizing data-carrying capacity of your network infrastructure**

■ **Saves time and dramatically reduces transaction costs when used to extend enterprise network to suppliers, trading partners and customers**

■ **MQSeries link for R3 now SAP certified**

■ **Includes Candle System Management Tools**

■ **Tivoli ready.**

Version 5.1 of IBM's award-winning MQSeries messaging software is faster and more secure, efficient, and integrated than ever before. It is now the definitive choice for cross-enterprise application integration and electronic communication with outside vendors.

Use MQSeries to enable all of your users, no matter what operating system they use, to exchange information using the same familiar interface. There's no need to retrain your users, and your programmers will find it easy to develop and implement cross-platform links.

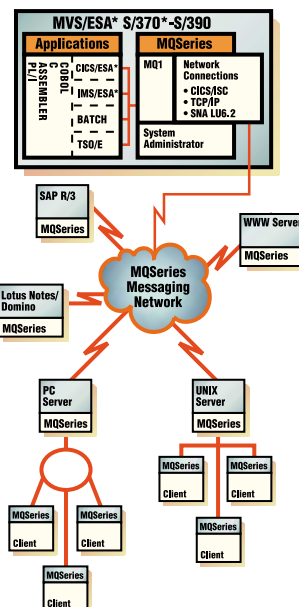
Version 5.1 offers up to 10 times faster performance and transmissions to and from queues are instantaneous.

Requirements:	Get requirements from our Web site at: ibm.com/software/ts/mqseries/platforms
Media:	CD-ROM

Visit our Web site at: **ibm.com/software/ts/mqseries/**

Product No.	Description	Price \$
04L1773	MQSeries for AIX Version 5.1 Program Package	2,945*
04L1788	MQSeries for HP-UX Version 5.1 Program Package	2,945*
04L1802	MQSeries for OS/2 Warp Version 5.1 Program Package	2,945*
04L1816	MQSeries for Sun Solaris Version 5.1 Program Package	2,945*
04L1830	MQSeries for Windows NT Version 5.1 Program Package	2,945*
04L1641	MQSeries link for R/3 for AIX Version 1.2	11,995
04L1661	MQSeries link for R/3 for HP-UX Version 1.2	11,995
04L1671	MQSeries link for R/3 for Sun Solaris Version 1.2	11,995
04L1681	MQSeries link for R/3 for Windows NT Version 1.2	11,995

* This is a minimum price; the price may vary depending on the processor level of the system running the Program Package.



Reliable messaging for mobile users

MQSeries Everyplace

MQSeries quality of service for mobile users:

- **Once-only, assured delivery**
- **Easy connectivity to other MQSeries family member**
- **Disconnected operation when necessary**
- **Cross-platform support.**

The MQSeries® family is already the infrastructure for connecting servers and mainframes in e-business solutions. MQSeries Everyplace extends this connectivity to your employees in the field and to your customers.

MQSeries Everyplace embraces the messaging needs of lightweight devices, such as palmtop and laptop computers. It also supports mobility and the special requirements that arise from fragile communication networks.

Product No.	Description	Price \$
0781432	Program Package – Standard Edition includes 2 MQSE Capacity Units	2,945
0781443	Program Package – High Security Edition includes 6 MQSE Capacity Units	8,645
0781776	Mobile device license – Standard (PoE)	285
0781777	Mobile device license – High Security (PoE)	475



visit

ibm.com/shop/software

call 800 426-2255

**TRY &
BUY**

Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at:
ibm.com/software

MQSeries Integrator Version 2.0

IBM MQSeries Integrator

AIX WNT

IBM's MQSeries Integrator is powerful message brokering software that ensures business-critical applications and processes can understand each other

- **Takes a logical business view of what should be done with information, for example - check and route a purchase order, publish a discount offer**
- **Substitutes middleware for programming, reducing programming costs and skill levels**
- **Provides a comprehensive open architecture for achieving event-driven business integration**
- **Supplies applications and corporate databases with the right information in the right format**
- **Supports PeopleSoft GL, SAP R/3, and S.W.I.F.T. templates from New Era of Networks Inc. (NEON).**

MQSeries Integrator Version 2.0 builds on the routing and formatting of MQSeries Integrator Version 1 to provide flow defined by information content or by a process model.

Based on MQSeries' messaging and queuing capabilities, the MQSeries Integrator is a real-time, intelligent rules-based message routing, dynamic message, content transformation and formatting system. It allows you to integrate all types of applications and systems into robust, flexible and scalable information networks. MQSeries Integrator is EuroReady.

Visit our Web site at: ibm.com/software/ts/mqseries/integrator

Product No.	Description	OTC \$
MQSeries Integrator for AIX V2.0		
0764249	Program Package includes 2 MQSI Capacity Units	110,000
MQSeries Integrator for Windows NT V2.0		
0764250	Program Package includes 2 Capacity Units	110,000
0771429	Windows NT Development License	55,000

MQSeries Workflow 3.2.2

MQSeries Workflow

AIX HP-UX SUN OS2 WNT

MQSeries Workflow is IBM's solution for the definition and execution of business processes to achieve Business Integration

MQSeries Workflow makes the difference:

- **Scalable from Windows to the mainframe**
- **Transaction and messaging support**
- **Integrates people and automated applications**
- **High degree of reuse for processes and applications**
- **Middleware infrastructure for process-based solutions.**

It aligns and integrates enterprise resources and capabilities with business strategies, accelerating process flow, cutting cost, eliminating errors, and improving workgroup productivity. With the ability to capture and use knowledge about business processes, MQSeries Workflow helps your organization define, document, test, control, execute, improve and integrate your business processes. And it has the assured information delivery of MQSeries, IBM's market-leading messaging middleware.

Visit our Web site at: ibm.com/software/ts/mqseries/workflow

Product No.	Description	OTC \$
22L4429	MQSeries Workflow Program Package, US English	15,200
0780184	MQSeries Workflow, 1 Capacity Unit with Certificate	6,650
0780185	MQSeries Workflow, 1 Registered User with Certificate	570

visit

ibm.com/shop/software

call 800 426-2255

Give PC users direct access to CICS

IBM CICS Universal Clients V3.1

WNT DOS W31 OS2 W95

- **Helps desktop users access CICS business applications and data on more IBM CICS servers than ever before - without charge**
- **Enables fast client/ server application design and deployment**
- **Comes with object-oriented functions to facilitate development with IBM VisualAge C++**
- **TCP62 host access feature for communications over TCP/ IP networks**
- **Augments your Web site, providing access to enterprise business applications**
- **Can be downloaded (ibm.com/software/ts/cics) - absolutely free of charge - for use with most IBM CICS servers**
- **License required only if used with CICS/ VSE, V2.3, or CICS/ ESA* V4.1, or their predecessors.**

IBM CICS Clients V3.1 lets you link PC users running DOS, OS/ 2 or Windows 3.1/NT/95 to CICS servers on all platforms - while the new CICS Universal Clients V3 adds support for Windows 98, AIX and Solaris. Either product can now be downloaded from the CICS Home Page (ibm.com/software/ts/cics) - free of charge (subject to license entitlement) - for use with most IBM CICS servers (except CICS/ VSE, V2.3, or CICS/ ESA* V4.1).

IBM CICS Clients and CICS Universal Clients come with Java applications and applets that use CICS Clients communications facilities.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ts/cics/downloads

Product No.	Description	Price \$
▶ 0704642	CICS Universal Client V3.1	109

All platforms are supported on one CD-ROM.
▶ 24 Hour QuickShip

Make the global marketplace yours

IBM CICS Transaction Server for OS/2 Warp V4.1

OS2

- **Enables you to securely handle e-commerce**
- **Installs quickly and easily with multiple-format product code**
- **Includes Lotus Domino Go Webserver for creating Internet or intranet applications.**

With IBM CICS Transaction Server for OS/2 Warp V4.1, you can develop and implement a safe, convenient and complete Internet-enabled retail transaction processing system for your customers. CICS Transaction Server brings proven CICS processes to the system and connects users with CICS applications and data, no matter where they reside. It also shields you from underlying technologies and allows you to focus on running your business.



Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ts/cics/products/

Product No.	Description	Price \$
94H5431	IBM CICS Transaction Server for OS/2 Warp V4.1	2,775
94H5435	IBM CICS Transaction Server for OS/2 Warp V4.1, 1 Server Install	2,699
94H5436	IBM CICS Transaction Server for OS/2 Warp V4.1, 1 Registered User	69
94H5439	IBM CICS Transaction Server for OS/2 Warp V4.1 Program Package Upgrade	1,469
94H5440	IBM CICS Transaction Server for OS/2 Warp V4.1 Upgrade for 1 Server Install	1,325
94H5441	IBM CICS Transaction Server for OS/2 Warp V4.1 Upgrade for 1 Registered User	35

visit

ibm.com/shop/software

call 800 426-2255



Put your business on the Web today

IBM TXSeries V4.2

HP-UX



- **Delivers a powerful, scalable, secure e-business solution**
- **Can accommodate any volume of traffic or platform**
- **A three-tier client/server application development and deployment solution**
- **Includes everything you need for the development and operation of a complete transaction processing system**
- **CICS Gateway for Java and the DE-Light Gateway link Java servlets and execute business logic, along with any CICS or Encina application managing resources in the transaction monitor**
- **Lets you extend your business to the global marketplace**
- **Enables you to securely handle credit card transactions.**

These days, with the Internet's growing popularity as a retail channel, it's anything but business as usual. So how can you keep up with your customers' growing desires to conveniently shop the Web? With IBM TXSeries.

Regardless of the volume of traffic to your site or the platform used, IBM TXSeries delivers a powerful, scalable, secure e-business solution. Based on the award-winning, industry-standard CICS and Encina APIs, it includes everything you need to develop and operate a complete distributed transaction processing system.

For AIX, Sun Solaris and Windows NT, TXSeries is now part of IBM WebSphere Application Server, Enterprise Edition.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ts/txseries

Product No.	Description	Price \$
04L3045	TXSeries Encina Client for Windows NT/ 95 Version 4.2	75
04L3069	TXSeries for HP-UX 10.20 Version 4.2	30,275
31L1653	TXSeries for HP-UX 11.00 Version 4.2	30,275

Flexible integration for a fast-moving future

LAN Distributed Platform V5.0

W2000 WNT OS2 DOS

- **Designed and developed for retail banking; used extensively world-wide**
- **Provides an effective infrastructure for developing improved service automation**



- **Incorporates versatile client/server technology**
- **Supports migration to new platforms**
- **Facilitates fast development of portable applications.**

Local Area Network Distributed Platform (LANDP) Version 5 uses a transaction processing infrastructure. It interconnects devices, applications and databases within a distributed client/server environment that can incorporate new e-business technologies.

LANDP Version 5 supports the following strategic technologies: Java, Server-Managed Clients, Rapid Application Development, Open Database Connectivity, MQSeries and TCP/IP.

Requirements:	Call for Hardware and Software requirements.
Media:	LANDP Version 5 product and technical documentation are supplied on 1 CD-ROM

Product No.	Description	Price \$
0781197	LANDP Version 5 Program Package	456
0781199	LANDP Version 5, 1 Server Install	256

Additional license and upgrade prices are available on request.

TXSeries for Windows NT, Solaris and AIX. It is delivered as part of WebSphere Application Server, Enterprise Edition.

**PASSPORT
ADVANTAGE**

Be sure to ask about Passport Advantage

visit

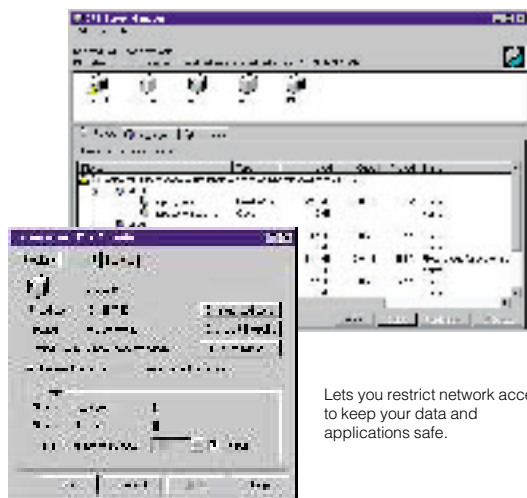
ibm.com/shop/software

call 800 426-2255

Enterprise cross-platform file sharing

IBM DFS Server

WNT W95 OS2 AIX SUN



Lets you restrict network access to keep your data and applications safe.

Distributed File System (DFS) is today's premier file sharing technology. It lets you cut across multiple platforms throughout your enterprise to give network access to users at every level.

DFS uses powerful file management and administration facilities to bring together applications and data files from different machines. The result: Higher availability for thousands of UNIX and Windows users.

System administrators can monitor all servers at the DFS Control Center and redistribute loads simply by dragging and dropping onscreen icons. Extensive built-in security mechanisms and backup/restore features protect data.

Media:	CD-ROM
--------	--------

Product No.	Description
Call for product number and pricing.	

- Places multiple copies of files and applications on multiple servers for greater availability
- Lets you restrict network access to keep your data and applications safe.

Efficient and reliable Web access to your business critical CICS applications

CICS Transaction Gateway V3.1

WNT W95 W98 W2000 AIX OS2 OS390 SUN

- **Straightforward installation, Integrated Development Environment (IDE) and proven API's deliver ease of use**
- **Efficient communications with multithreading and SMP exploitation give performance and scalability**
- **License entitlement granted by license of: TXSeries V4.2, CICS Transaction Server for OS/390 V1 or later, CICS Transaction server for VSE/ESA V1 or later, WebSphere Application Server Enterprise Edition V2.02 or later, CICS Transaction Server for OS/2 Warp V4.1, VisualAge for Java Professional or Enterprise Edition V2.0 or V3.0 (for development use only).**

Positioned as an e-business connector within IBM's Network Computing Framework, the latest gateway - CICS Transaction Gateway - combines the capabilities of both the Internet and Java Gateways within a single offering.

To support mapping of CICS 3270 data streams to HTML, CICS Transaction Gateway includes a 'Terminal Servlet' together with support for templates.

Comprehensive security features enable the privacy, authentication and authorization that are critical to successful Web-based business operations.

Can be downloaded - free of charge (subject to license entitlement) - for use with most CICS servers. Please see the Web site below.

Visit our Web site at: ibm.com/software/ts/cics/downloads

visit

ibm.com/shop/software

call 800 426-2255

IBM
Global
Services
For Services
Solutions

PASSPORT
ADVANTAGE

Be sure to ask about
Passport Advantage

The easy, natural way to communicate with your PC

IBM ViaVoice Millennium Family

W95 W98 WNT MAC



- **Create letters and documents - by simply speaking to your PC**
- **New "User Wizard" helps you get started quickly and easily**
- **Learns to recognize how you speak, improving its accuracy with use**
- **Voice dictation "shortcuts" for entering the text you use most frequently**
- **Automatically formats dictated phone numbers, weights and measures**
- **Browse the Web by speaking directly into AOL, Internet Explorer and Netscape**
- **Supports up to two million active vocabulary words! Completely customizable**
- **Includes a 260,000 word backup dictionary**
- **Specialized topics to further expand your active vocabulary**
- **Supports multiple users**
- **ViaVoice Millennium Editorial V.1.0 for Macintosh - the first-to-market continuous speech recognition software for the Macintosh platform.**

If you'd rather talk than type, IBM ViaVoice Millennium is for you!

ViaVoice Standard Millennium Edition for Windows Release 7.0

- Use your natural everyday speech to talk to your PC
- Speak into Windows applications using ViaVoice SpeakPad
- Text-to-Speech feature reads text out loud to you

ViaVoice Web Millennium Edition for Windows Release 7.0

Includes all the features of ViaVoice Standard Millennium Edition for Windows Release 7.0, plus . . .

- Browse the Web by speaking directly into America Online, Internet Explorer and Netscape
- Simply say "Surf the Web" or "Go to Favorites" and talk your way around the Web
- Use your voice to send and receive e-mails and participate in on-line chats

ViaVoice Pro Millennium Edition for Windows Release 7.0

Includes all the features of ViaVoice Web Millennium Edition for Windows Release 7.0, plus . . .

- Use everyday language to perform common tasks, such as saying Input, edit and format text using "Natural Language Commands" in MicroSoft Word 2000 and 97, Excel 2000 and 97, and Outlook 2000, 98 and 97
- Send and receive e-mail using "Natural Language Commands" in MicroSoft Outlook 2000, 98 and 97 Outlook Express version 4 and 5, Netscape 4.5 and MicroSoft Exchange Inbox 5.0
- Create voice navigation macros and voice activated templates
- Includes specialized Business & Finance, and Computer topics

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/speech

Product No.	Description	Price \$
▶ 39L8715	ViaVoice Standard Millennium Edition for Windows, Release 7.0	38
▶ 39L8716	ViaVoice Web Millennium Edition for Windows, Release 7.0	29
▶ 39L8717	ViaVoice Pro Millennium Edition for Windows, Release 7.0	76
04L5410	ViaVoice 98 Legal Vocabulary - English [†]	149
04L5420	ViaVoice 98 Medical Vocabulary - English [†]	149
▶ 11K6157	ViaVoice Millennium Edition V.1.0 for Macintosh	85

[†] Vocabularies require an additional 60MB of hard disk space.

▶ 24 Hour QuickShip

18
Speech
Recognition



IBM
Global
Services
For Services
Solutions

visit ibm.com/shop/software call 800 426-2255

IBM has a Suite e-business deal for you

IBM Suites for e-business

WNT AIX SUN



TRY & BUY

Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at:
ibm.com/software

PASSPORT ADVANTAGE

Be sure to ask about Passport Advantage



IBM Suites for e-business provide complete, Web-enabled platforms for e-business solutions that are easy to buy, install, use, manage and support. The IBM Suites combine essential e-business application servers and clients with the most popular operating environments, including IBM AIX, Sun Solaris and Microsoft Windows NT, to deliver an integrated, cross-platform, e-business, application deployment environment. These integrated suites provide leadership middleware software, including collaboration, database, networking, messaging, Web application serving, and directory services – all in one package.

Which IBM Suites for e-business is right for you?

- **IBM Small Business Suite for Windows NT** is designed for small-businesses with up to 100 users and offers e-business tools such as: e-mail, database, Web application serving, fax, modem-pooling and personal productivity tools to solve their business problems.
- **IBM Suites for Windows NT, IBM AIX and Sun Solaris** are designed for small- to medium-sized organizations needing to install, run and manage their e-business applications, while maintaining focus on their primary business needs.
- **IBM Business Integration Suites for Windows NT, IBM AIX and Sun Solaris** are designed to meet the computing demands of branch offices, autonomous departments and medium-sized businesses that need reliable, high-performance systems that can accommodate fast-changing business needs and application integration.

Key Benefits:

IBM Suites for e-business offer you:

- Easy installation (install Suites in a fraction of the time required for competitive offerings)
- A complete, integrated set of marketplace-leading middleware applications
- The ability to deploy your applications across multiple platforms
- Cost effectiveness (pricing for the Suites is very attractive vs. the cost of individual products)
- Flexibility (flexible licensing allows a customer to install suite components across multiple servers)
- A secure technology base for developing e-business, customer solutions for diverse industries and markets
- The ability to develop new applications for Windows NT that run on other platforms, such as AIX and Sun Solaris
- Convenient upgrading from a single product, Microsoft BackOffice or one Suite level to the next.
- Easy access to technical support

Media:	CD-ROM
Requirements:	Call for hardware and software requirements

Visit our Web site at: ibm.com/software/xplatformsuites

IBM Suites for e-business (for Windows NT, IBM AIX and Sun Solaris)

		IBM Business Integration Suite
	IBM Suite	MQSeries
IBM Small Business Suite	IBM Communications Server	IBM Communications Server
Fax server/Modem pooling	SecureWay Directory	SecureWay Directory
WebSphere Application Server	WebSphere Application Server	WebSphere Application Server
DB2 Universal Database	DB2 Universal Database	DB2 Universal Database
Lotus Domino/Notes	Lotus Domino/Notes	Lotus Domino/Notes
Application templates	Application templates	Application templates
Install wrapper	Install wrapper	Install wrapper

Note: *SecureWay Directory and Communications Server optional for some Suites.
**Small Business Suite supports Windows NT only.

Product No.	Description	Price \$
IBM Small Business Suite for Windows NT V.1.5		
▶ 41L2613	IBM Small Business Suite for Windows NT V1.5, Program Package	475
▶ 41L2628	IBM Small Business Suite for Windows NT V1.5, Registered User 1 Pack	85
▶ 41L2630	IBM Small Business Suite for Windows NT V1.5, Registered User with SmartSuite 1 Pack	135
IBM Suites for Windows NT V1.6		
41L0784	IBM Suite for Windows NT V1.6, Program Package	2,499
41L0808	IBM Suite for Windows NT V1.6, Registered User 1 Pack	225
41L0747	IBM Business Integration Suite for Windows NT V1.6, Program Package	5,847
41L0777	IBM Business Integration Suite for Windows NT V1.6, Registered User 1 Pack	225

Please call for Sun Solaris and AIX platforms.

▶ 24 Hour QuickShip

visit

ibm.com/shop/software

call 800 426-2255

IBM WebSphere: Can make a world of e-business difference

WebSphere Product Family

WNT AIX SUN

IBM WEBSphere	WebSphere Commerce FOR ONLINE MERCHANTS		
	WebSphere Application Server		
WebSphere Studio FOR WEB DEVELOPERS	Standard Edition FOR WEB SITE PRODUCERS	Advanced Edition FOR APPLICATION PROGRAMMERS	Enterprise Edition FOR ENTERPRISE ARCHITECTS
VisualAge for Java FOR SOFTWARE DEVELOPERS	WebSphere Performance Pack FOR WEB SITE MANAGERS		
	IBM HTTP Server		
	AIX OS/400	HP-UX Sun Solaris	Linux NetWare OS/2 Windows NT

WebSphere is a scalable e-business platform that provides end-to-end application development, deployment and integration

- **Be fast: integrated development tools allow fast application building and reaction to changes**
- **Be flexible: a flexible business model allows you to react quickly**
- **Be fearless: you have a secure infrastructure and the ability to stay ahead of your competition.**

IBM WebSphere takes you from business as you know it today to the e-business of tomorrow

Use it to bring the mission-critical, transactional applications that drive your business today to the Web. Quickly extend their functionality and power in the Web environment.

Provide users secure access to enterprise data and create the next generation of Web-based e-business solutions.

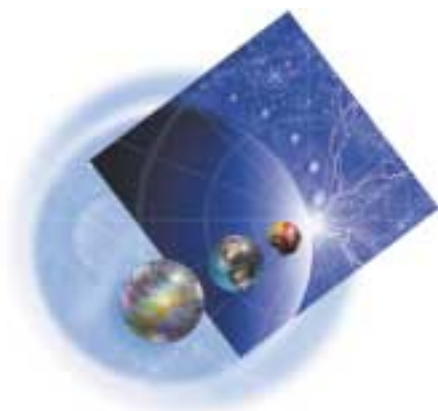
Check the Web site below to get the latest information on new versions

Visit our Web site at: ibm.com/software/websphere

Build, manage, and run Web applications easier and faster with more reliability

WebSphere Application Server Standard Edition

WNT AIX SUN LNX



- **Now available with National Language Support**
- **Supports dynamic Web content generation, including usage of JavaServer pages, Java servlet applications, JavaBeans, XML and XSL**
- **Includes Apache-based HTTP server, with security enhancements.**

WebSphere Application Server Standard Edition is a Java-based Web application server that helps deploy and manage Web applications. Its components let you build and deploy personalized, dynamic Web content quickly and easily.

WebSphere Application Server Standard Edition includes:

- A powerful deployment environment and application services for managing dynamic e-business applications
- Increased database connectivity and XML/XSL technology to allow integration of information contained in various databases
- Allows multiple applications to run on the same machine using different Java Virtual Machines

Product No.	Description	Price \$
41L0844	WebSphere Application Server V3 Standard Edition Program Product, CD-ROM	755
11K6982	WebSphere Application Server V3 Standard Edition Upgrade from V1.0, 1.1, or 2.0 CD-ROM	225
41L2601	WebSphere Application Server, Standard Edition V2.0.3 for LINUX	755

visit

ibm.com/shop/software

call 800 426-2255

*An even more powerful application server!***WebSphere Application Server Advanced Edition****WNT AIX SUN**

- **Supports medium- to high-level transactional environments**
- **Enables powerful interactions with relational databases, transaction processing systems and other applications**
- **Provides deployment and management of Java applications and Enterprise JavaBean components.**

WebSphere Application Server Advanced Edition expands the Standard Edition functions with support for the EJB programming model and advanced transactional capabilities.

WebSphere Application Server Advanced Edition includes:

- Improved deployment of EJB technology, Java servlets, and Java Server Pages technology for cross-platform, open standard support

- Application-level security for EJB's - control access at the application level, not just at the directory or user level
- IBM SecureWay Directory, providing LDAP (Lightweight Directory Access Protocol) access to other LDAP-enabled directories

Product No.	Description	Price \$
11K6950	WebSphere Application Server V3 Advanced Edition Program Product, CD-ROM	7,125*
11K6959	WebSphere Application Server V3 Advanced Edition Upgrade from V2.0 Standard Edition Program Product	6,730*

*Call for Passport Advantage pricing that offers discounts off of these published prices.

*Enabling full e-business transactions over the Web***WebSphere Application Server Enterprise Edition**

WebSphere Application Server Enterprise Edition integrates EJB and CORBA components to build high-transaction, high-volume e-business applications. It also contains the industry's most complete support for integrating existing IT applications and resources for use on the Web.

- **Supports high-volume, high-performance transactions using two transaction processing monitors: CICS or IBM Encina**
- **Offers extensive enterprise and e-business connectivity through the inclusion of connectivity and server options such as - IBM MQSeries, CICS, Encina and CORBA clients**
- **A site analysis tool to help obtain detailed analysis of Web content integrity and performance to make the best e-business decisions based on customer usage.**

The Enterprise Edition offers comprehensive support by providing, in addition to the features of WebSphere Advanced edition:

- the ability to compose new business applications that provide transactional commit and recovery
- a full complement of EJB-based interfaces to existing resource managers
- tuneable, queryable, cacheable, performance-enhancing technology

Visit our Web site at: ibm.com/software/websphere

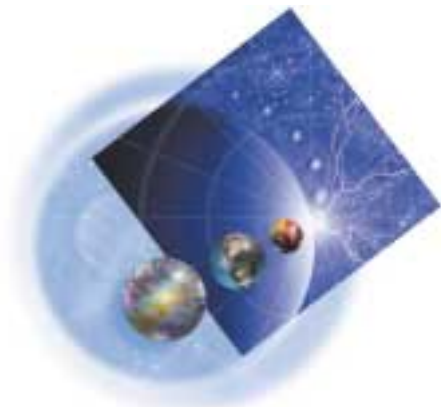
Product No.	Description	Price \$
41L3462	WAS Enterprise Edition, V3.0 for AIX Processor Prog Pack	35,000
41L3465	WAS Enterprise Edition, V3.0 for AIX Processor Prog Pack Upgrade	27,500
41L3472	WAS Enterprise Edition, V3.0 for SUN Solaris Processor Prog Pack	35,000
41L3502	WAS Enterprise Edition V3.0 for Win NT Processor Prog Pack	35,000

visit**ibm.com/shop/software****call 800 426-2255**

The enhanced pack for peak performance

IBM WebSphere Performance Pack for Multiplatforms V3.0

**WNT AIX
SUN LNX**



■ **Scalable proxy caching and filtering for significant bandwidth savings, improved user response times and optional filtering of content or destinations**

■ **Dynamic, rules-based traffic management (load balancing), for high availability to Web sites, improved response times and differentiated service levels**

■ **File services with a single name space, nondisruptive data replication and relocation, and virtual volume management for high availability, improved performance, administrative efficiency and cost savings.**

Performance Pack components can be installed transparently (individually or in integrated solutions) into existing Web sites and networks. Because Performance Pack components use open standards, the applications, servers and hosts they service can operate on these same or other TCP/IP-enabled platforms.

Performance Pack's scalability, deployment flexibility, QOS and multiplatform support make it the solution for corporate enterprises' and Internet service providers' mission-critical Web sites.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/websphere/perfpack

Product No.	Description	Price \$
41L2594	IBM WebSphere Performance Pack for Multiplatforms V3.0 Program Package	7,599
41L2597	IBM WebSphere Performance Pack V3.0 Upgrade from Version 1.0 or Version 2.0	3,800

Make building sites a snap

IBM WebSphere Studio V3.0 w/NLS

W95 W98 WNT



■ **Provides a best-of-breed tool set for creating interactive Web applications**

■ **Easily integrates with other third-party tools**

■ **Provides a powerful and highly organized development environment for Web development teams**

■ **Contains an integrated and powerful remote debugger for JSP and Java technology.**

If your Web team is expanding and you've got content authors, artists, programmers and webmasters all clamoring for access to the same files, here's the perfect solution: IBM WebSphere* Studio. This comprehensive, integrated suite of dynamic, interactive tools allows you to build Web applications that tap into your existing enterprise system. It comes with:

- A new, integrated "visual" JSP/HTML page designer
- Improved Web project workbench
- Servlet Generation Wizards
- Newly integrated applet creation tool
- NetObjects BeanBuilder
- NetObjects ScriptBuilder
- NetObjects Fusion V4
- Improved integration with VisualAge for Java
- New integrated graphics tools

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/webservers/studio

Product No.	Description	Price \$
41L0985	WebSphere Studio V3.0 w/NLS - Program Package	474
41L0986	WebSphere Studio V3.0 w/NLS - One Install	455

TRY & BUY

Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at: ibm.com/software

visit ibm.com/shop/software call 800 426-2255

*Transform to a profitable, growth-oriented e-business***WebSphere Commerce Family****WNT AIX SUN****WebSphere Commerce Suite Editions**

Start Edition	Pro Edition
WebSphere Commerce Suite Start Edition gives complete, full function e-commerce operational support	WebSphere Commerce Suite Pro Edition provides more highly sophisticated e-commerce capabilities including Product Advisor and complete, full function e-commerce operational support
WebSphere Payment Manager for secure online payment processing	WebSphere Payment Manager for secure online payment processing
WebSphere Application Server is the foundation for Web site deployment and management	WebSphere Application Server is the foundation for Web site deployment and management

The newly announced WebSphere Commerce Suite builds upon IBM's WebSphere infrastructure to continue our exploitation of WebSphere. Utilizing Java/JSP technology and IBM's HTTP (Apache) Web Server allows today's businesses to evolve their e-commerce solutions to a more open, industry standard design.

In addition to the WebSphere Commerce products, two other e-commerce software offerings are available to provide enhanced capabilities that address specific application needs:

Commerce Integrator – eliminates the need to manually integrate WebSphere Commerce Suite server software with ERP and other back-end systems.

WebSphere Commerce Studio Editions

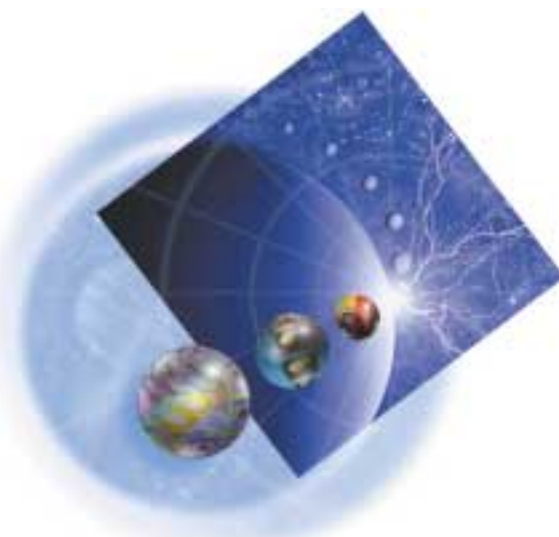
Developer Edition	Professional Developer Edition
	WebSphere Catalog Architect enhances catalog creation and management
Developer's Kit for WebSphere Commerce Suite, Start Edition provides additional commerce tools	Developer's Kit for WebSphere Commerce Suite, Pro Edition provides additional commerce tools plus - support for rules-based personalization - tools for auction - product advisor tools
WebSphere Commerce Studio provides site creation and management capabilities and support	WebSphere Commerce Studio provides site creation and management capabilities and support

WebSphere Commerce Suite - Service Provider Edition

– a packaged hosting service for ISP's and ASP's whose business objective is to become Commerce Service Providers.

The IBM WebSphere family of products provides the complete solution to enable businesses to deploy advanced e-commerce functionality, create efficient and satisfying shopping/buying experiences for their customers, and realize all the benefits of transforming to a profitable, growth-oriented e-business.

Call for product numbers and pricing.

*Developer's kits***WebSphere Commerce Studio V4.1****WNT**

This product is the design and development environment for WebSphere Commerce Suite. It includes all the features of WebSphere Studio with additional commerce tools. There are two versions:

Developer Edition

Developer's kit for WebSphere Commerce Suite, Start Edition

Professional Developer Edition

Developer's kit for WebSphere Commerce Suite, Pro Edition includes:

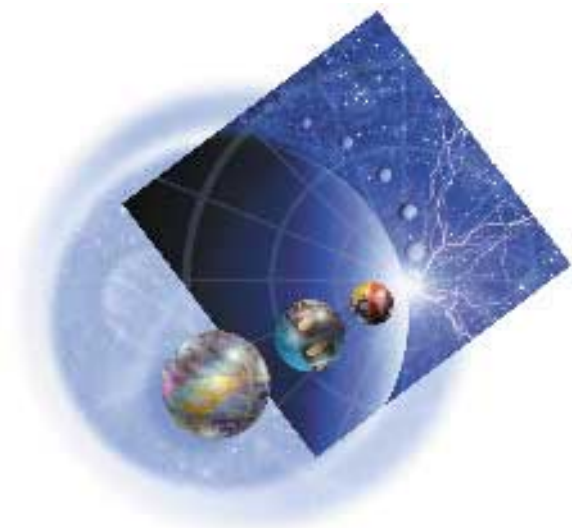
- WebSphere Catalog Architect V4.1
- Tools and support for rules-based personalization
- Tools for setting up auctions
- Product Advisor tools

Please call for product numbers and pricing

Product No.	Description	Price \$
0781014	Developer Edition for Windows NT	950
0780999	Professional Developer Edition for Windows NT	10,000
0781004	Professional Developer Edition, Upgrade from Developer	9,000

visit**ibm.com/shop/software****call 800 426-2255**

The complete e-commerce solution for your online Web site

IBM WebSphere Commerce Suite V4.1
WNT AIX SUN


Sell your products and services to more than 100 million online shoppers. IBM's new WebSphere Commerce Suite, Version 4.1 family has replaced Net.Commerce, providing more function, power, flexibility and scalability. Establish your new or enhance your current e-commerce Web site quickly, easily, and affordably.

WebSphere Commerce Suite provides a complete e-commerce solution from catalog and storefront creation to payment processing and integration with back-end systems. It replaces IBM's Net.Commerce, V3.2, providing leading-edge enhancements, yet retaining all the capabilities of the previous product. WebSphere Commerce Suite V4.1 can be used to:

- **Create an online store to make worldwide Internet sales**
- **Provide leading-edge, secure, online purchasing**
- **Customize the look, feel and flow of the site**
- **Conduct business to business or business to consumer transactions.**

Two editions of WebSphere Commerce Suite allow you to choose the offering that is right for your business.

The Start Edition provides:

- Fast set-up at a low entry price
- Payment Manager with SET Secure Electronic Transaction support
- DB2 Universal Database
- Plug-in for HTTP Server
- WebSphere Application Server, Advanced Edition
- Support for Windows NT only

WebSphere Commerce Suite, Pro Edition has all the Start Edition features, plus:

- Advanced relationship marketing, including rules-based personalization
- Product Advisor for creating intelligent catalogs
- Support for auctions (open cry, sealed bid, and dutch bid)
- Tools for back-end integration to SAP, EDI and IBM's MQSeries, CICS and IMS
- Support for Oracle8 database, Netscape Enterprise Server and Domino WebServer
- Support for Windows NT, AIX and Solaris

WebSphere Commerce Suite, Service Provider Edition for building and operating a hosted e-commerce service:

A complete, scalable, extendible solution for setting up and operating hosted e-commerce services and communities for small and medium businesses.

Want to get started right away?

Contact IBM e-commerce Start Now Program by calling 1-800-426-7777. Ask for priority code 1C854018 to find out how IBM can provide a total e-commerce solution for your business. See the catalog insert for more information.

Visit our Web site at: ibm.com/software/websphere/commerce/

Product No.	Description	Price \$
11K7731	Start for Windows NT	9,025
11K7733	Start Upgrade from Net.CommerceStart for Windows NT, V3	4,275
41L2892	Pro for Windows NT	38,000
41L2897	Pro Upgrade from Net.Commerce Start for Windows NT, V3	33,000
41L2899	Pro Upgrade from WCS Start for Windows NT V4.1	28,500
41L2893	Pro for AIX	38,000
41L2894	Pro for Solaris Operating Environment	38,000

visit
ibm.com/shop/software
call 800 426-2255

Easier e-commerce catalog maintenance

WebSphere Catalog Architect V4.1

WNT AIX SUN

- **Extensible Markup Language (XML) - XML is the primary transport enabler for WCA**
- **Scaling for large SKU counts has been redesigned to achieve a tenfold improvement in the number of products WCA can handle**
- **Support for associations, packages, and bundles has been implemented**
- **WCA has been enabled for translation into the major non-English languages**
- **Multi-user support is being added to allow multiple users to operate on the same WCA database across the same product set.**

IBM WebSphere Catalog Architect gives IBM WebSphere Commerce Suite server software users a powerful new way to create, update and manage product information in e-commerce catalogs. It speeds distributed entry and maintenance of product data, allows multiple users from different product divisions to make database updates, eliminates redundancy, ensures data integrity and enables intelligent catalog searches by customers.

Visit our Web site at: ibm.com/software/websphere/commerce/servers/catalogarchitect.html

Product No.	Description	Price \$
11K7725	WebSphere Catalog Architect for Windows NT, V4.1	2,850
11K7729	WebSphere Catalog Architect Upgrade from Catalog Architect for Windows NT, V3	1,140

Be in the business of helping others do business

WebSphere Commerce Suite - Service Provider Edition V3.2

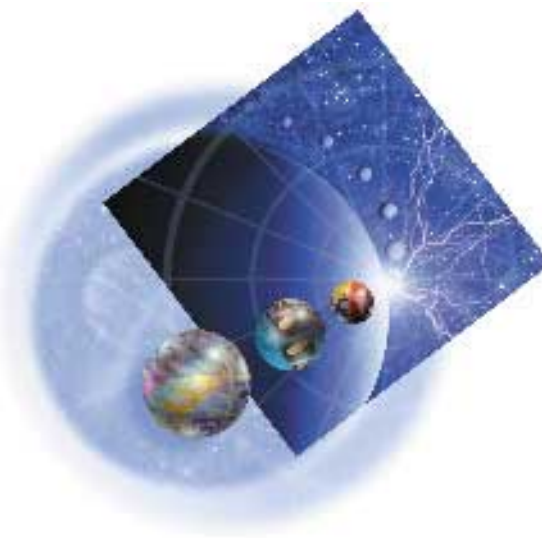
AIX NT SUN

A complete solution for building and operating a hosted e-commerce service that provides:

- **Low cost, ease of operation & flexible options**
- **Quick time to market**
- **Ease of merchant enablement and support**
- **New revenue opportunities.**

A lot of small- and medium-sized companies are eager to sell their goods and services on the Web. They want to be operational 24x7 but because of their size, they may not have the expertise or resources. Become a Commerce Service Provider with help from WebSphere Commerce Suite - Service Provider Edition.

This packaged hosting service helps you extend your existing Internet capabilities so you can gain multiple customers - not just run a single commerce site - with minimal cost and labor.



Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/websphere/commerce/servers/index.html

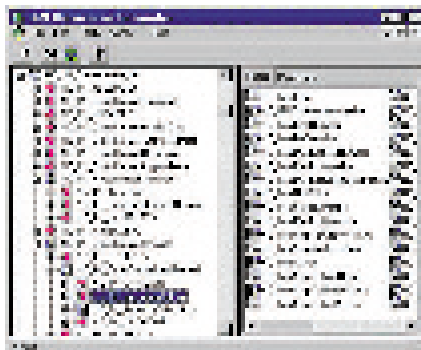
Product No.	Description	Price \$
11K7831	WebSphere Commerce Suite - Service Provider Edition, V3.2 for Windows NT	10,000
11K7837	WebSphere Commerce Suite - Service Provider Edition for Windows NT 3.2 - Upgrade from Net.Commerce Hosting Server for Windows NT V3.12	4,000
11K7845	WebSphere Commerce Suite - Service Provider Edition, V3.2 for AIX	10,000
11K7854	WebSphere Commerce Suite - Service Provider Edition, V3.2 for Sun Solaris	10,000

visit

ibm.com/shop/software

call 800 426-2255

Link WebSphere Commerce Suite to back-end systems

IBM Commerce Integrator V1.1
WNT AIX SUN


- **Open-ended architecture solution that greatly simplifies integration process and supports connection to both DB2 and Oracle**
- **Uses MQSeries to transmit data to over 35 different platforms**
- **Speeds development and maintenance with GUI interface tools.**

Now you can tightly integrate your WebSphere Commerce Suite Web applications to your core business processes – including ERP and other back-end business applications – without complex and time-consuming manual programming. IBM Commerce Integrator is the first product ever to link Commerce Suite Web sites to more than 35 different platforms.

IBM Commerce Integrator uses IBM's MQSeries message middleware to not only extend your back-end systems to the Web, but also to link your partners, suppliers and customers to your core business processes.

Requirements	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at:
ibm.com/software/websphere/commerce/servers/integrator.html

Product No.	Description	Price \$
41L2852	IBM Commerce Integrator V1.1 Start for WNT & DB2	20,000*
41L2856	IBM Commerce Integrator V1.1 Start for WNT & Oracle	20,000*
41L2854	IBM Commerce Integrator V1.1 Pro for WNT & DB2	50,000*
41L2858	IBM Commerce Integrator V1.1 Pro for AIX & Oracle	50,000*
41L2855	IBM Commerce Integrator V1.1 Pro for Sun & DB2	50,000*

*Call for Passport Advantage pricing that offers discounts off of these published prices.

Secure management of Internet payments

WebSphere Payment Manager
WNT AIX SUN


- **Receives and processes payment on the Internet**
- **Works with existing credit card processors and emerging payment methods**
- **Easy installation, configuration, and operation**
- **Integrates with existing business processes and applications**
- **Provides security for access control, data integrity, and operations.**

WebSphere™ Payment Manager Version 2.1 provides safe, secure handling of your Internet payments. It is ideally suited to integrate payments into business processes and software and to manage credit card, debit card and stored value smart cards as well as emerging Internet payment methods.

Built with over three years of Internet payments experience, WebSphere™ Payment Manager can also serve as a host for a payment service for multiple remote merchants.

WebSphere Payment Manager operates with industry databases such as DB2 UDB, Oracle, and Microsoft™ SQL Server. Database migration from prior releases is provided.

A wizard-based complete or custom product install for the framework, WebSphere Application Server, DB2®, and HTTP Server are included.

Visit our Web site at: **ibm.com/software/websphere/paymgr**

Product No.	Description	Price \$
11K6380	WebSphere Payment Manager for AIX, Version 2.1 Base Program Package Standard Version - English	15,000*
11K6390	WebSphere Payment Manager for Sun Solaris, Version 2.1 Base Program Package Standard Version - English	15,000*
11K6384	WebSphere Payment Manager for Windows NT, Version 2.1 Base Program Package Standard Version - English	15,000*

*Call for Passport Advantage pricing that offers discounts off of these published prices.

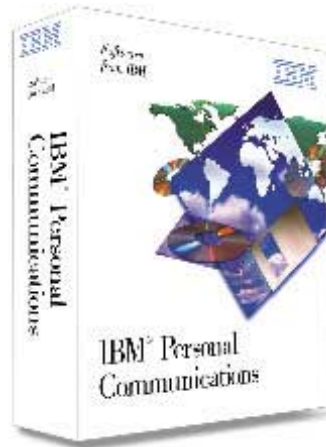
TRY & BUY

Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at:
www.ibm.com/software

**PASSPORT
ADVANTAGE**

Be sure to ask about Passport Advantage

visit
ibm.com/shop/software
call 800 426-2255

*A solid foundation for e-business with market-leading host connectivity***IBM Personal Communications V5****W95 W98 WNT W2000 OS4**

A key communications client component of IBM's Host Integration Solution for LAN, WAN, and remote access/connectivity, Personal Communications provides:

- **Access to applications and data residing on mid-range or enterprise servers (mainframes)**
- **Optimal platform for traditional host access to data and applications**
- **New tools to help transform your business into an e-business**
- **Multiprotocol, consistent look and feel, open system architecture**
- **Windows 2000 exploitation and system policy support**
- **SSL 3.0 and client authentication.**

Solid Foundation

Web-to-host is becoming the standard for host access. Personal Communications provides the base to build your Web-to-host environment. With tools that you can use today, you can start to build your applications of the future. Your business benefits from all the features you have come to expect from Personal Communications including:

- Multiprotocol
- Consistent look and feel
- Open system architecture

New technologies provide:

- Windows 2000 exploitation
- SSL 3.0 and client authentication
- Centralized Administration Enhancements

New for V5.0

- System Policy Support
- Client Certificate Authentication
- Zero Admin Windows (ZAW) initiatives
- Tivoli-ready Certification
- Multi-language Support
- Usability Enhancements
- Remote Emulation Session Control
- Session Start options
- Default Printer Recognition
- Windows 2000 Plug and Play Adapter Support

Personal Communications Version 5.0 features upgraded support for Host Access Beans for Java and the Java Interface for Host Access Class Libraries (HACL). Your move to a Web-to-host environment is easier and more efficient, your rework is reduced, and your applications remain fully functional.

ActiveX Controls and VBScript capabilities allow you to:

- Capitalize on existing investments in the Visual Basic environment
- Extend applications to Web-based technologies

Personal Communications Version 5.0 - A secure, feature-rich platform enabling you to run your business today and deploy new technologies when you need them.

Visit our Web site at: ibm.com/software/network/pcomm

Product No.	Description	Price \$
11K7664	IBM PCOMM for Win 95, Win 98, NT, V5.0 - Program Pkg.	313
11K7668	IBM PCOMM for Win 95, Win 98, NT, V5.0 - Upgrade Program Pack	132
11K7672	IBM PCOMM for Win 95, Win 98, NT, V5.0 - Additional Registered User	105
11K7653	IBM PCOMM for AS/400, V5.0 - Program Pkg.	189
11K7657	IBM PCOMM for AS/400, V5.0 - Upgrade Program Pack	104
11K7661	IBM PCOMM for AS/400, V5.0 - Additional Registered User	85

visit**ibm.com/shop/software****call 800 426-2255**

Secure Web-to-host access using a Java-enabled Web browser

IBM Host On-Demand V4.0

W98 W95 AIX SUN WNT OS2 HP-UX LNX OS4 NET



Doesn't require additional hardware or software.

- **Provides secure access across the Internet with SSL-based technology**
- **Installs on a Web server, simplifying maintenance and distribution**
- **Runs on any operating system that supports the Java Virtual Machine (JVM1.1).**

IBM Host On-Demand Version 4.0 gives you secure access to your host applications and data whenever you need it, wherever you need it, using a simple, Java-enabled Web browser. Just click on the hyper link to launch the Host On-Demand Java applet that gives you secure, scalable and reliable access, with S/390 (TN3270), AS/400 (TN5250) and DEC/UNIX (VT52/100/220) emulation in a single package. CICS® Gateway for Java access is also provided. Users may access any number of host sessions and still use their browser for other tasks.

Host-On-Demand requires no installation or middle tier server, and supports your choice of client server platforms.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/network/hostondemand

Product No.	Description	Price \$
▶ 41L1765	IBM Host On-Demand Version 4.0 Program Package (Strong Encryption-English), 1 Concurrent User	219
41L1769	IBM Host On-Demand Version 4.0 Program Package (Weak Encryption-English), 1 Concurrent User	219
41L1783	IBM Host On-Demand Version 4.0 Use/Copy, 1 Concurrent User	189
41L1784	IBM Host On-Demand Version 4.0 Upgrade, 1 Concurrent User	125

▶ 24 Hour QuickShip

Automatically convert host screens into an easy-to-use graphical presentation

IBM Screen Customizer for Host Integration

W98 W95 AIX SUN WNT OS2 HP-UX LNX OS4 NET



- **Instantly transforms mainframe and IBM AS/400 green screens into a Web look-and-feel**
- **Requires no programming or host component**
- **Generates no scripting or coding and runs entirely within a browser**
- **Allows drag-and-drop customization of user-selected host screens.**

Screen Customizer automatically converts host screens into graphical presentations that are easily customizable without programming. IBM Screen Customizer eliminates the need for programming, making it a cost-effective, quick solution that allows you to leverage investments in legacy applications. Available for both Host On-Demand and Personal Communications, it is based on innovative screen recognition technology, requiring no access to source code. Users can simultaneously access multiple hosts with multiple sessions, and optionally customize the presentation by adding new fonts, macros, images, check boxes and more.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/network/screencustomizer

Product No.	Description	Price \$
41L3459	IBM Screen Customizer for Host Integration Program Pkg	4,749
41L3452	IBM Screen Customizer Runtime for Host On-Demand, 1 User	95
41L3485	IBM Screen Customizer Runtime for Personal Communications, 1 User	75

visit

ibm.com/shop/software

call 800 426-2255



Integrate multiple sources of data into a single Web page

IBM Host Publisher V2.1

WNT AIX SUN 390 OS4



- Extends the reach of your mission-critical host information through HTML delivery to any Web user
- Provides access to 3270, 5250, Virtual Terminal, Java classes and JDBC-enabled databases
- Includes and integrates WebSphere Application Server, Standard Edition.

IBM Host Publisher, Version 2.1 is a Web-to-host solution built to address the unique characteristics of the Internet. It allows you to integrate multiple sources of data including host and database applications into a single Web page, with no change to back-end systems. It provides the high level of security you need for your Web-based environment.

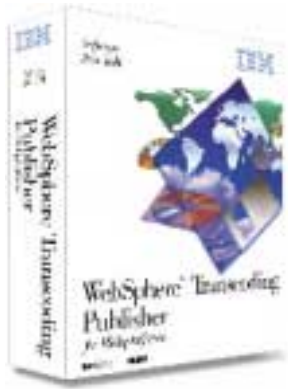
This open, industry-standard software supports applications running on traditional host systems, and consists of two major components: Host Publisher Studio and Host Publisher Server. Create new composite applications that mine information from various data sources without modifying your back-end systems. Provide information directly to customers, reduce the expense of call centers and improve service.

Product No.	Description	Price \$
41L3121	IBM Host Publisher V2.1, US English Program Pkg.	15,000
41L3127	IBM Host Publisher V2.1, US English 1 Usage Pack	10,000
41L2391	IBM Host Publisher for AS/400 V2.1, US English Program Pkg.	15,000
41L2394	IBM Host Publisher for AS/400 V2.1, US English 1 Usage Pack	10,000

Extend the reach of your data

IBM WebSphere Transcoding Publisher

W2000 NT AIX SUN LNX



- Simplifies complex data conversion challenges with a single solution for dynamic data transformation
- Extends the reach of data and applications to new environments including pervasive devices
- Enables you to customize content to meet device capabilities, network constraints and system requirements.

Transcoding Publisher is server-side software that adapts, reformats and filters data so that it is optimally formatted for the destination environment, whether it is a business-to-business transaction or an emerging pervasive computing device.

Transcoding Publisher can be extended to deliver custom transforms in response to new breeds of devices, emerging XML variants, and e-business trends. The flexible architecture keeps your business ahead of trends and ensures your data and applications continue to reach customers in the environments of the future.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/websphere/transcoding

Product No.	Description	Price \$
41L3174	IBM WebSphere Transcoding Publisher V1.1 Program Pack Eng (wk)	20,000*

* NOTE: Pricing is per-processor based, regardless of platform.

Highly-advanced SNA gateway for Windows NT

IBM Communications Server for Windows NT and Windows 2000 V6.1

WNT


- Provides SSL client authorization (x.509)
- Enables easy Web page integration for S/390, AS/400, UNIX, JDBC and Java applications
- Includes Host On-Demand Entry.

Visit our Web site at: ibm.com/software/network/commserver

IBM Communications Server for Windows NT and Windows 2000 V6.1 offers enterprise-class availability and dependability for mission-critical applications. It provides host and Internet access, network and application integration, end-to-end connectivity solutions, and easy, secure access to enterprise applications and databases.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Product No.	Description	Price \$
11K6969	IBM Communications Server for Win. NT V6.1 Program Package	945
11K6980	IBM Communications Server for Win. NT V6.1 User Authorization 1 Pack	65
11K6482	IBM Communications Server for Win. NT V6.1 Host Publisher User Authorization Pack	119
11K6973	IBM Communications Server for Windows NT V6.1 Program Package - Upgrade [†] ^{††}	565
11K6981	IBM Communications Server for Windows NT V6.1 User Authorization - Upgrade [†] ^{††}	39

[†] Denotes upgrades are available from any IBM or non-IBM SNA gateway or communications server product.

^{††} When upgrading from user-based SNA gateway product, you are authorized to purchase the equivalent number of users at a reduced price. When upgrading from a non user-based SNA gateway product, you are NOT entitled to any User Authorization for Upgrades. All users are considered new users and must be acquired at the full price.

Open a gateway for UnixWare 7 users

IBM Communications Server for UnixWare 7 V5.0

UNIX


- More than just a UnixWare 7 server solution for SNA and TCP/IP users
- Extends SNA 3270 access to your TCP/IP clients
- Improves network performance and reliability
- Leverages your investment in 3270 and other Dependent LU applications.

With IBM Communications Server for UnixWare 7 you can build or connect to SNA networks, integrate TCP/IP with SNA, connect over LANs, create Internet or intranet solutions, and exploit APPN. It lets you keep pace with network computing advances and make host SNA applications available to everyone.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/network/commserver

Product No.	Description	Price \$
31L1135	IBM Communications Server for UnixWare 7 V5.0 Program Package	889
31L1136	IBM Communications Server for UnixWare 7 V5.0 Program Package - Upgrade	549
31L0770	IBM Communications Server for UnixWare 7 V5.0, 1 Server Install	865
31L0771	IBM Communications Server for UnixWare 7 V5.0, 1 Server Install-Upgrade	535
31L0772	IBM Communications Server for UnixWare 7 V5.0, 1 Concurrent User	65
31L0776	IBM Communications Server for UnixWare 7 V5.0, 1 Concurrent User - Upgrade	39

visit
ibm.com/shop/software
call 800 426-2255

Complete, easy access to your corporate intranets and host data

IBM Personal Communications and Host On-Demand

WNT



- **Full-function terminal emulation**
 - **Increased productivity for demanding users**
- IBM Host On-Demand**
- **Quick support for host access**
 - **Use with a Java-enabled browser such as Netscape Navigator or Internet Explorer.**

A single, flexible emulator package contains both products

The IBM Personal Communications and IBM Host On-Demand programs deliver complete, easy access to your corporate intranets and host data.

The combined package incorporates IBM's powerful host-access solutions to give you access to your information, wherever it resides, in the most convenient way.

You can mix and match support to user and operations requirements. Your host access needs are met with this one package containing both products and offering the best service to every user.

Product No.	Description	Price \$
▶ 31L1041	IBM Personal Communications and Host On-Demand Program Package	315
▶ 31L1060	IBM Personal Communications and Host On-Demand Program Package - Upgrade	139
31L1079	IBM Personal Communications and Host On-Demand 1 Registered User	275
31L1080	IBM Personal Communications and Host On-Demand 1 Registered User - Upgrade	115

▶ 24 Hour QuickShip

Enhanced SNA and TCP/IP connectivity for your AIX users

IBM Communications Server for AIX V5.0.4



- **Integrated TN3270E Server with Secure Sockets Layer (SSL) security and load balancing provides SNA 3270 application access to TCP/IP clients**
- **Includes Host On-Demand Entry which provides easy 3270 and 5250 SNA application access from any Java-enabled Web browser**
- **Multiprotocol support provides flexible access to TCP/IP, network computing and SNA applications.**

With IBM Communications Server for AIX, you choose applications based on your business needs, not on your network. It brings you true networking – interconnecting people and applications – even when platforms and network configurations are diverse.

Hardware Prerequisites:	RS/6000 or other AIX platform with 32MB memory, 32MB available hard disk minimum. Appropriate communication adapters, cables and device drivers: Token-Ring Adapter, Ethernet Adapter, SDLC Adapter, X.25 Adapter, FDDI Adapter, ATM Adapter, ESCON Channel Adapter and Block Multiplexer Channel Adapter.
Software Prerequisites:	AIX V4.1.5 or later (not compatible with AIX V3.2.X).

Product No.	Description	Price \$
11K6178	Communications Server for AIX, V5.0.4, 128-bit Encryption Program Pkg CD-ROM	945
11K6320	Communications Server for AIX, V5.0.4, 1 Server Install, 128-bit Encryption	917
11K6179	Upgrade to Communications Server for AIX, V5.0.4, 128-bit Encryption Program Pkg, Upgrade from eNetwork Communications Server for AIX, V5, CD-ROM	565
11K6321	Upgrade to Communications Server for AIX, V5.0.4, 1 Server Install Upgrade 128-bit Encryption	537

visit

ibm.com/shop/software

call 800 426-2255

Simplify your transition to e-business and Web-based solutions

OS/2 Warp Server for e-business

OS2


Turns an ordinary i486 (or higher) PC into a powerful file, print and application server.

- **Builds on the proven strengths of OS/2 Warp Server Version 4, IBM's mission-critical platform for Intel-based servers**
- **Integrates Windows NT® 4.0 servers seamlessly into the OS/2 network and provides full, managed access to Windows NT file, print and application servers**
- **Allows you to leverage your current assets while simplifying your transition to e-business and Web-based solutions**
- **Delivers exceptional scalability for demanding e-business requirements**
- **Leading-edge Web technologies to support e-business transformation**
- **Broad Intel-based industry client support and the Intel-based platform for server-managed clients**
- **Euro currency-ready¹.**

Designed for fast performance, exceptional scalability and outstanding Web and Lotus Notes® server capabilities, OS/2 Warp Server for e-business is a network operating system suitable for individual departments, small and medium-sized businesses, and large corporations and institutions.

Requirements:	Call for hardware and software requirements
Media:	CD-ROM

Visit our Web site at: ibm.com/warp-server

Product No.	Description	Price \$
31L1707	OS/2 Warp Server for e-business+	1,615

¹ EuroReady means that the IBM product, when used in accordance with IBM-associated documentation, is capable of correctly processing monetary data in the euro denomination and of respecting the euro currency formatting conventions (including the euro sign), provided that all products (for example, hardware, software and firmware) used with the IBM product are also EuroReady.

[†] Call for upgrade pricing

Boost your Web serving performance

IBM Netfinity Web Server Accelerator, V2.0

WNT W2000

- **Web server load reduction**
- **Accelerated performance on Internet and intranet sites**
- **Increased capacity per server.**



This exclusive new software from IBM improves Web serving performance on Netfinity servers by allowing more Web content to be hosted with the same number of servers – or the same content to be hosted with fewer servers. Optimized for Web hosting, the Netfinity Web Server Accelerator V2.2 (NWSA2) can increase the performance of a single Web server or an entire Web server farm. NWSA2 performs across the Netfinity product line and supports both Microsoft Windows NT® and Windows® 2000. Plus, it can integrate with Microsoft Cluster Service to provide a highly available Web server accelerator cluster.

Requirements:	Call for hardware, software requirements
Media:	CD-ROM

Visit our Web site at:
ibm.com/pc/us/solutions/netfinity/server_accelerator.html

Product No.	Description	Price \$
09N7631	Netfinity Web Server Accelerator, V2.0 CD and User's Guide	949
09N7632	Netfinity Web Server Accelerator V2.0 Right to Copy and Entitlement Card	921

visit
ibm.com/shop/software
call 800 426-2255

The easiest integrated e-mail and collaboration client to use

Lotus Notes R5

W98 WNT W95

■ **The leading e-mail and collaboration software for the Internet**

■ **Securely and easily manage information and collaborate - even when disconnected from the Internet.**

Imagine having the entire World Wide Web and its point-and-click ease, combined with world-class messaging and collaboration. Picture having all this in an easy-to-use and customizable environment. With Lotus Notes R5, now you can have the best of both worlds. Notes lets you manage all your information needs in a single application - combining e-mail, calendaring, group scheduling, contact and task management, Web browsing and knowledge management.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: lotus.com

Product No.	Description	Price \$
▶ ● AH7T3NA	Lotus Notes R5	62
▶ AH7PVNA	Lotus Notes R5 with Messaging, Upgrade	56
▶ ● AH7L3NA	Lotus Notes R5 with Messaging	75
▶ AH7PYNA	Lotus Notes R5 with Collaboration, Upgrade	74
▶ ● AH7L7NA	Lotus Notes R5 with Collaboration	99

▶ 24 Hour QuickShip
● Digital Delivery Available

Rapidly build secure e-business apps

Lotus Domino Designer R5

W98 WNT W95 MAC

■ **Contains everything you need to create collaborative, end-to-end e-business solutions**

■ **Connects Web applications to live data in relational databases, ERP applications and Transaction Processing Systems.**

Domino Designer R5 is the fast, cost-effective way to create collaborative e-business solutions. This world-class development environment includes WYSIWYG HTML authoring, site/page and frameset design, and client and server-side scripting. Lotus Domino Designer R5 gives you the power to "build locally, deploy globally."

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: lotus.com

Product No.	Description	Price \$
▶ AH7LENA	Lotus Domino Designer R5	574

▶ 24 Hour QuickShip

Rich enterprise e-mail and collaboration

Lotus Domino R5 Servers

WNT HP-UX SUN LNX
OS2 AIX OS390 OS4

■ **Integrates your company's messaging and Web application software**

■ **Fosters successful collaboration both internally and externally**

■ **Offers you a family of three servers to better match your needs**

■ **The only server solutions built on an open, unified architecture**

■ **Sets a new standard for rich Internet messaging, ease of administration, integration with back-end systems and reliability.**

Meet the new Domino R5 Server family. The Domino R5 Mail Server runs on your existing hardware, software, and networks and provides superior support for e-mail, Web access, online calendaring, and more. The Domino R5 Application Server lets you deliver easy-to-integrate, collaborative Web applications. And the Domino R5 Enterprise Server adds high-availability clustering for mission-critical applications.

The Domino R5 family features an open, unified architecture and sets new standards for reliability, Internet messaging functionality and administrative ease.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: lotus.com

Product No.	Description	Price \$
▶ AH7LLNA	Lotus Domino R5 Mail Server	862
▶ AH7LQNA	Lotus Domino R5 Application Server	2,183
▶ AH7M9NA	Lotus Domino R5 Enterprise Server	6,028

▶ 24 Hour QuickShip

visit

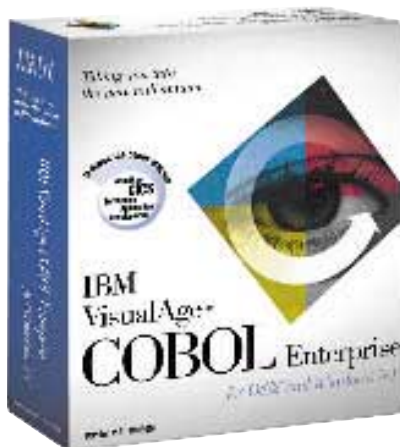
ibm.com/shop/software

call 800 426-2255

Looking beyond the new millennium

IBM VisualAge Cobol Enterprise V2.2

WNT OS2



■ **Introducing Millennium Language Extensions support for automated Year 2000 century windowing**

■ **Several enhancements designed to improve existing remote development, visual development and redevelopment tools**

■ **Extra bonus offering: CICS Enterprise Application Development to carry out CICS host application development on an OS/2 or Windows NT workstation**

■ **Tools used for maintaining and modernizing your existing applications are the same tools you can use to help tackle your Year 2000 challenges**

■ **Remote edit/compile/debug can bring application development directly to your workstation without downloading applications and data**

■ **Reengineer and reenergize legacy applications using the redeveloper tools**

■ **Develop portable COBOL applications and deploy them in client/server environments**

■ **Streamline COBOL application development using an integrated suite of visual development tools**

■ **Rapidly create graphical user interfaces (GUIs) using IBM's advanced Visual Builder**

■ **Easily access remote data from DB2, CICS, VSAM/SAM MVS files and OS/400® record files**

■ **Use object-oriented (OO) programming methods to improve your development efficiency and promote code reuse.**

IBM VisualAge COBOL Enterprise has been enhanced with powerful new features to increase development productivity, simplify the maintenance of your legacy code and provide seamless portability from host to workstation.

Included in this version is support for Millennium Language Extensions and several other enhancements, including a bonus offering: CICS Enterprise Application Development. VisualAge COBOL Enterprise lets you leverage your existing technologies and developer's skills to produce applications for the 21st century.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ad/cobol

Product No.	Description	Price \$
04L6579	VisualAge COBOL Enterprise V2.2	2,999
04L6584	VisualAge COBOL Enterprise V2.2, Upgrade from Standard V2.1	1,185
04L6587	VisualAge COBOL Enterprise V2.2, One installation	2,899
04L6581	VisualAge COBOL Enterprise V2.2, Upgrade from Professional V2.1	499

Powerful development tools

IBM VisualAge PL/I Enterprise V2.1

WNT OS2

■ **New remote edit/compile, redevelopment tools and cross-platform development features.**



Get the tools you need to simplify the maintenance of legacy PL/I applications, boost programming productivity and cut your development costs – with VisualAge PL/I Enterprise V2.1.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ad/pli

Product No.	Description	Price \$
04L6564	VisualAge PL/I Enterprise V2.1	2,999

visit

ibm.com/shop/software

call 800 426-2255

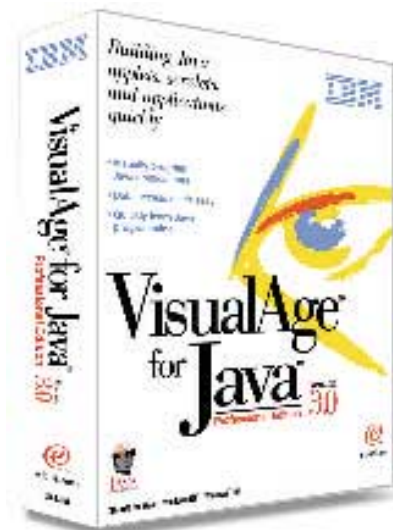
Two great ways to get it to the Web without rewriting

IBM VisualAge for Java V3.0

W95/98 WNT OS2 AIX LNX



TRY & BUY
Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at:
ibm.com/software



■ **Available in two editions: Professional and Enterprise; both allow you to rapidly develop, test and deploy e-business applications**

■ **Professional Edition is a complete development environment for creating Java applications, applets and JavaBeans components - including all the core visual tools, full Java support and a single user version control system for managing the development of multiple projects**

■ **Enterprise Edition has all Professional Edition features plus a built-in source and version control system to provide a team of developers instant, live access to a shared library of reusable components**

■ **Build scalable data solutions that use JDBC, SQLJ and Stored Procedures to access relational data**

■ **Tight integration with WebSphere Application Server reduces the time to market for new e-business applications**

■ **Enterprise JavaBeans (EJB) components and support for IBM's new WebSphere Application Server make scalable, multi-tier e-business applications a reality.**

VisualAge for Java, Version 3.0 advances the development process for creating Java applications that harness existing data, transactions and applications. VisualAge for Java turns the power of Java technology into a competitive advantage by extending what is running your business today to e-business.

Easy connection to relational data is essential for any application. VisualAge for Java provides an easy way to create Java applets, applications or servlets that connect to relational data through JDBC, or take advantage of SQLJ. In addition, a new, easy-to-use Stored Procedure Builder allows you to write Java stored procedures to run on a DB2 server.

Finally, the VisualAge for Java EJB development environment reduces the amount of time it takes to develop, test and deploy servlets, JSPs and EJB components. Object to relational mapping of EJBs to underlying database schemas is also integrated into the toolset.

VisualAge for Java V3.0 features checklist

	Professional Edition	Enterprise Edition
JDK 1.1.7 & Swing 1.0.3	X	X
Java 2 & Swing 1.1 Early Adopters Env't	X	X
IDE Features		
JavaBeans for easy data access	X	X
Stored Procedure Builder (NT only)	X	X
SQLJ Support	X	X
Visual Composition Editor	X	X
Distributed end-to-end Debugger	X	X
Open Tool Integrator APIs	X	X
Source and version control	X	X
WebSphere Unit Test Environment (Servlet, JSP)	X	X
Enterprise Toolkits for host affinity (AS/400, OS/390)		X
Enterprise Access Builders		X
Enterprise JavaBean generation wizard & WebSphere EJB Test Environment		X
Advanced object to relational mapping		X
AIX Development Environment		X

visit

ibm.com/shop/software

call 800 426-2255

Build Web-enabled enterprise applications

IBM VisualAge for Java V3.0

W95 W98 WNT
OS2 AIX LNX

Version 3.0 of both the Professional Edition and Enterprise Edition incorporates several new and unique features:

High-Performance Compiler

Optimizes code so the same applications can be run simultaneously on multiple platforms, without sacrificing performance.

Enterprise Access Builder

Lets you connect to enterprise application servers like CICS, DB2, SAP R/3 and TXSeries, MQSeries, Host On-Demand, Notes, and IMS from a single Java application.

Remote Debugging Tools

Enable your developers to test and debug multi-tier, multi-language applications across multiple server platforms.

Open Tool Integrator API

Incorporates third-party tools into the VisualAge for Java development environment.

Rapid Build, Test and Deploy of EJBs to WebSphere

The EJB development environment that allows developers to quickly create, test and deploy EJBs to relational database schemas is also integrated into the environment.

JDK 1.1.7 and Swing 1.0.7 Support

Makes it easier for you to extend corporate applications with new Java front ends.

Links to TeamConnection, PVCS and ClearCase

Allows you to conveniently check code in a Windows environment.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ad/vajava

Product No.	Description	Price \$
► ● 41L1270	IBM VisualAge for Java, Professional Edition for OS/2 and Windows Version 3.0	139
► 41L1616	IBM VisualAge for Java, Professional Edition Version 3.0 Competitive Upgrade	75
► 41L1323	IBM VisualAge for Java, Enterprise Edition for OS/2 and Windows Version 3.0	2,849
► 41L1618	IBM VisualAge for Java, Enterprise Edition for AIX, Version 3.0	2,849

► 24 Hour QuickShip
● Digital Delivery Available

Extend the power of enterprise computing

IBM VisualAge Interspace

W95 WNT OS2 AIX



■ **Extends the scalability and reliability of enterprise computing environments to the PC**

■ **Easily develop applications that utilize IBM's enterprise server environments**

■ **Provides a set of Java™ development utilities that integrate with VisualAge for Java**

■ **Makes the development of new applications for CICS TS even easier to develop and test.**

There's a new member of the VisualAge family that simplifies desktop access to IBM's application server environments, extending the scalability and reliability of enterprise computing environments to the PC.

VisualAge Interspace enables programmers who use workgroup RAD development tools such as Sybase PowerBuilder and Microsoft Visual Basic to easily develop applications that utilize IBM's enterprise server environments, including IBM CICS Transaction Server for OS/390, IBM MQSeries, IBM WebSphere Application Server and VisualAge Generator.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ad/interspace

Product No.	Description	Price \$
0772760	VisualAge Interspace Version 6.0 - Program Package-CD-ROM	2,560
0772763	VisualAge Interspace Version 6.0 - Developer Seat	2,370
0772765	VisualAge Interspace Version 6.0 - 1 Server Pack	3,320

TRY & BUY

Download free add-ons, tools, demos, betas and full-function trial versions for most of the IBM and Lotus in this catalog at: ibm.com/software

PASSPORT ADVANTAGE

Be sure to ask about Passport Advantage

visit

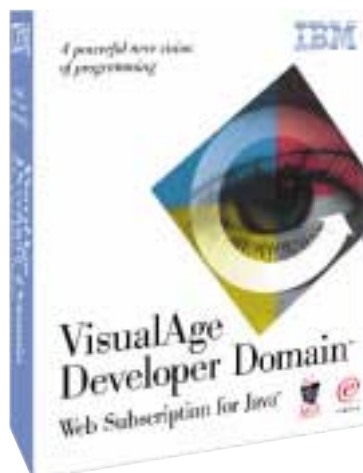
ibm.com/shop/software

call 800 426-2255

Java just the way you like it. Easy!

IBM VisualAge Developer Domain

W95 WNT OS2



- **Everything a developer needs to build business-critical Java applications**
- **Provides programming tutorials, tips and support, as well as pre-tested Java components**
- **Includes VisualAge for Java, Professional Edition) 3.0 (\$149 value), plus all product updates**
- **Now includes VisualAge for Java for Linux**
- **Receive new VisualAge for Java versions before General Availability**
- **Be the first to receive product fixes, updates, and Beta code**
- **Fee-based Subscription level allows you to download VisualAge for Java Professional and receive ongoing product fixes and enhancements. Subscriptions are annual and you can choose to receive updates via CD or over the Web**
- **Competitive upgrade available to developers holding a license for the following products: VisualAge for Java, Lotus eSuite DevPack, IBM Developer Connection, Microsoft Visual J++, Sun Java Workshop, Borland JBuilder, Symantec Cafe, Symantec Visual Cafe and Symantec Visual Cafe Pro**
- **Allows you to connect with fellow Java developers worldwide.**

Developing business-critical Java applications has never been simpler. VisualAge Developer Domain puts all the tools you need into one convenient offering: programming tutorials, tips and support, pre-tested Java components, Beans and wizards. You'll be developing Java applications, applets and servlets in no time.

VisualAge Developer Domain provides no charge Visitor and Registration levels of access to the site and a fee-based Subscription level. Registration is required to download products or library items or subscribe to newsletters.

To register or subscribe please see our Web site listed below.

Requirements:	Call for hardware and software requirements.
Media:	Web, CD-ROM

Visit our Web site at: ibm.com/software/vadd

Product No.	Description	Price \$
04L5623	IBM VisualAge Developer Domain, Web and CD-ROM	249
04L5622	IBM VisualAge Developer Domain, Web Only	149
04L8851	IBM VisualAge Developer Domain Upgrade/Renewal, Web Only	49
04L8852	IBM VisualAge Developer Domain Upgrade/Renewal, Web and CD-ROM	149

Find the latest VisualAge information

Go to:

ibm.com/software/ad

on the Web for more information

on

*IBM Application Development
and Object Technology products.*

visit

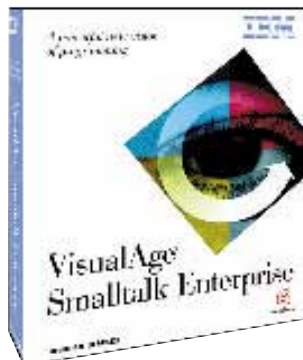
ibm.com/shop/software

call 800 426-2255

Powerful integration of network computing

IBM VisualAge Smalltalk Enterprise V5.0

WNT W2000 OS2 SOL AIX HP-UX W95 SUN



Integrated with WebSphere Application Server, IBM VisualAge Smalltalk Enterprise V5.0 delivers an industrial-strength development tool for building your mission-critical applications. Jumpstart your interoperability to VisualAge for Java using Smalltalk's Servers and a new RMI wizard.

Hardware Requirements:	90MHz Pentium or RISC System/6000* uniprocessor (AIX) or SunSPARC uniprocessor or HP PA RISC uniprocessor. 64MB RAM for OS/2 and Windows 64MB RAM for UNIX 245MB disk space for stand-alone, 130MB for Manager library.
Software Requirements:	OS/2 Warp V4; Windows 95, Windows 98 or Windows NT 4.0; AIX 4.2.1 or 4.3; Solaris 2.5.1, 2.6 or HP-UX 10.10, 10.20 or 11.0.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ad/smalltalk

Product No.	Description	Price \$
▶ 39L9113	VisualAge Smalltalk Enterprise, V5.0	4,999
▶ 39L8990	VisualAge Smalltalk Enterprise V5.0, Upgrade	1,425

▶ 24 Hour QuickShip

■ **Simplifies the creation of your line-of-business applications**

■ **Exploits the workgroup capability of Lotus Notes data, documents and e-mail**

■ **Eases change management and sharing of componentry.**

Powerful Smalltalk development tools

IBM VisualAge Smalltalk Add-Ons



VisualAge Smalltalk Servers for OS/2, Windows NT Solaris and AIX

Server Smalltalk – with its Distributed Object Infrastructure and middleware – enables enterprise programmers to develop object-oriented Smalltalk applications that run in a CICS transactional environment on Windows NT, OS/2, AIX, Solaris and MVS*.

VisualAge Smalltalk Advanced Database Feature

A simplified interface for building database applications that optimize the speed, features and scalability of the native DB2 UDB family of products.

Product No.	Description	Price \$
▶ 39L9115	VisualAge Smalltalk Object Extender V5.0	3,799
▶ 39L9114	VisualAge Smalltalk UML Designer V4.5	3,419
39L9116	VisualAge Smalltalk Ent. Server Workbench V5.0	4,749
39L8993	VisualAge Smalltalk Ent. Server Workbench V5.0, Upgrade	1,425
▶ 39L9117	VisualAge Smalltalk Server	1,425
11K7799	VisualAge Smalltalk Advanced Database V5.0	2,849

▶ 24 Hour QuickShip

VisualAge Smalltalk ObjectExtender

An extensive and powerful framework that provides a complete solution for building robust, scalable persistence support for object models. Provides automated code-generation services, import and export facilities, and debug and monitoring tools.

VisualAge Smalltalk UML Designer

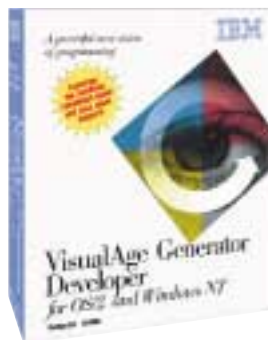
A tool for capturing and organizing requirements and other high-level design information as models, which can then be transformed into either Smalltalk or Java source code.

visit

ibm.com/shop/software

call 800 426-2255



*Build enterprise client/server solutions***IBM VisualAge Generator V4.0****WIN OS2 SUN HP-UX AIX OS390**

■ **Exploits the full power and potential of Java and WebSphere**

■ **Offers versatile solutions with scalable, multiplatform exploitation across networked systems**

■ **Provides intelligent, dynamic application partitioning.**

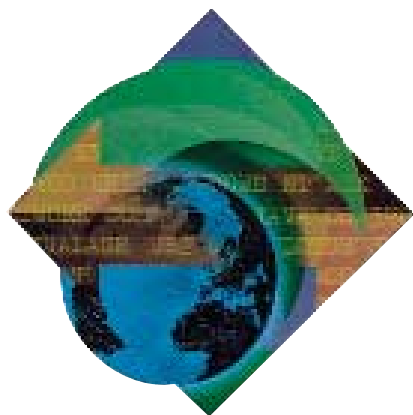
VisualAge Generator is an extremely powerful, high-end, application development environment for building and deploying scalable, multi-tier client/server applications.

It includes VisualAge for Java to facilitate Web access to enterprise applications, and the ability to dynamically partition application logic between the client and multiple servers to achieve reliable, high-volume performance for thousands of concurrent users.

Hardware Requirements:	486 90MHz processor or higher, 64MB RAM (minimum); 180MB hard disk space, CD-ROM drive for installation.
Software Requirements:	Windows NT 4.0 or OS/2 Warp 4.0.
Media:	CD-ROM – except Documentation Kit

Visit our Web site at: ibm.com/software/ad/visgen

Product No.	Description	Price \$
39L9100	VisualAge Generator V4.0 (Windows NT - OS/2) (Includes unlimited use of Single-User Run times for OS/2 and Windows)	7,124
39L9101	VisualAge Generator Server V4.0 (Multi-User - Server for Windows, OS/2, HP-UX, or AIX)	2,374

*Web application development central***IBM Developer Connection Release 2**

■ **Multilevel subscription program, available on both the Web and CD-ROM**

■ **Provides powerful tools, information and middleware for e-business development on both IBM and non-IBM platforms.**

Now there's a place you can go for the powerful tools, information and middleware you need to develop state-of-the-art e-business applications: <http://www.developer.ibm.com/devcon/>. That's the Web site of IBM Developer Connection Release 2, a subscription program offered at four levels: Guest, Member, Advanced and Premier. All content at each level is available on the Web (and on CD media for all but Guests).

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at: developer.ibm.com/devcon

Product No.	Description	Price \$
4122174	IBM Developer Connection Member Level Subscription	149
4122175	IBM Developer Connection Advanced Level Subscription	299
4122176	IBM Developer Connection Premier Level Subscription	1,499

To place your order or to learn more about the IBM Developer Connection Kits, call 800-6DEVCON. Reference Media Code 102.

visit**ibm.com/shop/software****call 800 426-2255**

*Build complex applications from parts***IBM VisualAge C++ Professional V4.0****W95 WNT OS2**

Includes a point-and-click Visual Builder for creating sophisticated C++ applications.

- **Brings your existing relational data into the object world**
- **Decreases the programming learning curve**
- **Integrates the edit/ compile/ debug/ browse environment.**

Now mission-critical, object-oriented applications are within easy reach with VisualAge C++'s powerful application "construction from parts" paradigm. Even the most complex applications can be constructed from the large set of predefined parts provided. You have complete flexibility to create your own parts and import them into the Visual Builder where you can simply drag, drop and connect them. The Visual Builder takes care of generating ANSI-compliant C++ code that can be compiled into a highly optimized application.

Requirements:	Call for hardware and software requirements
Media:	CD-ROM

Visit our Web site at: ibm.com/software/ad/visualage_c++

Product No.	Description	Price \$
30L8360	VisualAge C++ Professional for Windows NT V4.0, Program Product	809
30L8363	VisualAge C++ Professional for Windows NT V4.0, Use Authorization	789
30L8366	VisualAge C++ Professional for Windows NT V4.0, Upgrade from 3.0 for OS/2 or 3.5 for Windows	225

*A Rich Environment for Object-oriented Application Development***VisualAge C++ for AIX V5.0**

VisualAge C++ Professional for AIX, V5.0 is a powerful application development environment that includes:

- **Incredible flexibility with the choice of a traditional, makefile-based C++ compiler or the highly productive IBM incremental C++ compiler - both support 32-bit and 64-bit optimization**
- **Support for the latest ANSI 98 C++ standards in both compilers, including a complete ANSI Standard Template Library**
- **New Performance Analysis tool to help analyze, understand, and tune your C and C++ applications for improved performance.**



The VisualAge C++ Professional for AIX®, V 5.0 is a highly productive and powerful development environment for building C and C++ applications. It offers the flexibility of a set of C++ compilers supported by a suite of tools designed to offer a rich environment for object-oriented application development.

VisualAge C++ Professional for AIX®, V 5.0 also provides a rich set of Open Class™ Libraries and a set of visual tools including the Visual Builder and Data Access Builder that allow you to build programs from parts.

Visit our Web site at: ibm.com/software/ad/visualage_c++ and ibm.com/software/ad/vacpp

Product No.	Description	Price \$
41L3180	VisualAge C++ Professional for AIX, V 5.0 Program Package	2,375
41L3183	VisualAge C++ Professional for AIX, V 5.0, 1 Authorized User	2,356
41L3181	Upgrade from VisualAge C++ Pro AIX, Version 4 (5765-D52 or 30L8178) or C and C++ Compilers for OS/2, AIX, and for Windows NT, Version 3.6 (04L3535) or C Set++ for AIX, Version 3 (5765-421)	1,186

visit**ibm.com/shop/software****call 800 426-2255****PASSPORT
ADVANTAGE****Be sure to ask about
Passport Advantage**

Tivoli Systems

Tivoli Technology Management Solutions

WNT OS4



Tivoli Systems provides the industry's leading open, highly scalable and cross-platform IT management solutions that span networks, systems, applications and business-to-business e-commerce.

Leading companies around the world use Tivoli software products to reduce the cost and complexity of managing networks, systems, databases and applications.

Headquartered in Austin, Texas, Tivoli is an IBM Company. Tivoli distributes its products worldwide through a network of global sales offices, systems integrators, resellers and IBM sales channels. For more information visit our Web site.

Visit our Web site at: tivoli.com

Make your IT organization a powerful driver of your business success

Tivoli IT Director



- **Comprehensive, integrated, and automated IT management solution**
- **Rapid installation**
- **Intuitive, centralized management console**
- **Snap-in integration with leading business applications and management products**
- **Rapid return on investment.**

Highlights

Tivoli IT Director is the first Technology management product designed for the unique needs of small-to-medium businesses with Microsoft Windows NT- or AS/400-centered IT environments.

Tivoli IT Director delivers comprehensive management for software distribution, inventory management, remote control, network management, and monitoring and event management. Tivoli IT Director allows you to manage your critical IT resources (applications, systems and networks) using a single, intuitive management console.

Intuitive, Powerful Management Console

The Tivoli three-panel interface makes it easy to centrally view and manage all your IT resources. One-step management provides a drag-and-drop or right-click design that allows you to perform simplified management tasks, reducing the need for training. It enables you to easily and centrally distribute software applications, track assets more precisely, and troubleshoot remote desktops. It improves time management and saves money.

Automation for Proactive Operations

Using intelligent event management to anticipate potential problems (such as a Web server or e-mail failure), you can perform automated corrective actions before users or business processes are affected.

Internet-enabled Management

Tivoli IT Director uses the power of the World Wide Web to provide out-of-the-box Web pages that enable more effective end-user communications. For example, instead of calling the help desk, users can access the system's management Web site to see if problems have occurred and when they will be resolved.

Visit our Web site at: tivoli.com/products/index/it-director

visit

ibm.com/shop/software

call 800 426-2255

Make your IT organization a powerful driver of your business success

Tivoli Storage Management Product Set

AIX HP-UX SUN WNT LNX



This premiere storage management solution provides you with SAN-enabled, integrated, enterprise-wide network backup; archive; storage management; and disaster recovery capabilities. Products include:

- **Tivoli Storage Manager - provides data availability, records retention and enterprise management and enhancements to AIX, HP-UX, Sun Solaris, AS/400, Windows 2000 and Windows NT, including tape drive/library sharing improvements**
- **Tivoli Disaster Recovery Manager**
- **Tivoli Space Manager**
- **Tivoli Decision Support for Storage Management Analysis**
- **Tivoli Data Protection for Workgroups**
- **Tivoli Data Protection for databases and applications**
- **Tivoli SANergy.**

In today's information-based world, your business' success hinges on the ability to efficiently store, retrieve and manage an exploding volume of information.

Tivoli Storage Management Solutions can enable businesses to align storage management policies with business practices, changing the IT organization into a powerful competitive advantage.

Tivoli Storage Management Solutions offer products and features that get closer to the vision of "continuous access to infinite data". Tivoli Storage Manager V3.7 replaces all IBM ADSM and Tivoli ADSM offerings. This latest version continues to provide all previous product functionality, plus enhanced functions across all platforms including IBM, SUN, HP, Windows NT, Windows 2000 and Linux.

Visit our Web site at: tivoli.com/storage

Product No.	Feature	Description	Price \$
5697-TSM	0019	Tivoli Storage Manager UNIX (OTC)	2,200
5697-TSM	0017	Tivoli Storage Manager Windows NT	925
5697-DRM	0005	Tivoli Disaster Recovery Manager UNIX (OTC)	13,225
5697-DRM	0003	Tivoli Disaster Recovery Manager Windows NT	11,250
5697-SPM	0005	Tivoli Space Manager UNIX (OTC)	13,225
5697-SPM	0003	Tivoli Space Manager Windows NT (OTC)	11,250

visit

ibm.com/shop/software

call 800 426-2255

An award-winning Network management platform

Tivoli NetView



Tivoli NetView extends traditional network management to ensure the availability of critical business systems and provide rapid problem resolution. Award-winning Tivoli NetView:

- **Builds collections for management of critical business systems**
- **Maintains device inventory for asset management**
- **Measures availability and provides fault isolation for problem control and management**
- **Provides a Java console that offers network management for a broader range of people from any location (platform independence)**
- **Offers a scalable, distributed management solution**
- **Offers reports on network trends and analysis.**

Tivoli NetView® enables users to discover TCP/IP networks, display network topologies, correlate and manage events and SNMP traps, monitor network health, and gather performance data. It meets the needs of managers of large networks by providing the scalability and flexibility to manage mission-critical environments.

By using the Tivoli NetView Mid-level Manager (MLM) throughout your enterprise, you can scale Tivoli NetView in a truly distributed fashion, thus reducing your total cost of ownership and keeping network management traffic close to the source.

NetView Features

Tivoli NetView maintains the integrity of business systems. Using SmartSets, which are collections of user-defined groups of objects, Tivoli NetView can manage beyond the level of device availability and allows the customer to develop a management solution based on the entire business system.

It provides effective problem management through quick diagnosis and resolution. Using the Tivoli Integration Pack for NetView, events can flow between Tivoli's system management applications and NetView for quick resolution. The Tivoli NetView Java console provides easy access to a complete range of network information from anywhere on the network.

Tivoli NetView is designed to address the scalability necessary to provide the most complete distributed network management solution. Let Tivoli NetView's award-winning network platform ease your business's network management.

Visit our Web site at: tivoli.com

visit

ibm.com/shop/software

call 800 426-2255

Integrated security to enable e-business

Tivoli SecureWay Security Solution



By effectively decreasing risk, reducing complexity and helping lower the cost of secure computing, Tivoli SecureWay removes many of the barriers that prevent companies from fully exploiting e-business. Through the key architectural elements - authorization, asset protection, accountability, assurance, availability and administration - Tivoli SecureWay can enable a common, cross-system security scheme with fully enforceable security policies. Tivoli SecureWay offers companies a holistic approach to creating a trusted environment and hence enables successful e-business transformation. Products include:

- **Tivoli SecureWay Policy Director**
- **Tivoli SecureWay Risk Manager**
- **Tivoli SecureWay User Administration**
- **Tivoli SecureWay Security Manager**
- **Tivoli SecureWay Global Sign-On**
- **Tivoli SecureWay Privacy Manager**
- **Tivoli SecureWay Public Key Infrastructure**
- **Tivoli SecureWay FirstSecure**
- **IBM SecureWay Firewall V4.1 for Windows NT and AIX.**

Tivoli SecureWay software reduces the cost, complexity, and risk of running e-business applications

To stay competitive today, businesses know the importance of migrating to e-business. But with that migration comes a whole new set of security challenges. Not only do you need to protect your own resources, but your business partners, suppliers and customers need to be protected as well. Your integrity as an e-business depends on your ability to handle these challenges.

Tivoli SecureWay Security Solutions enables your business to competently handle e-business security. It allows you to:

- Confidently deploy secure e-business applications
- Implement a consistently enforceable security policy
- Reduce the costs of managing security

Let your security solution enable your e-business

Businesses are realizing that transformation to e-business is required in order to remain competitive. In order for e-business to take place successfully, the role that security plays must change, from being solely a preventative measure, to being an enabling force as well.

Don't let security issues keep you behind the competition.

Tivoli SecureWay allows you to:

- Address business problems from a business viewpoint (versus a point product viewpoint, which increases security integration issues)
- Implement its security solutions without rewriting existing applications
- Work with other industry standard security solutions

Decrease your risk

Tivoli SecureWay decreases the risk of running an e-business over the Internet by ensuring consistent and secure business practices across your organization and detecting threats to your business. Its integrated security allows you to avoid the complexities of patched together solutions that require complex and costly management. This integrated solution also enables you to avoid the security breaches non-integrated products allow.

Tivoli SecureWay solutions will fulfill the most demanding requirements for trusted e-business in today's dynamic, global enterprises.

Visit our Web site at: tivoli.com/security

An outstanding network client platform

OS/2 Warp 4



- **Your fast track to the Internet; network ready, right out of the box**
- **Manageable, secure and open**
- **Year 2000 ready (with IBM FixPaks)**
- **Lets you quickly develop and deploy Java applications.**

IBM's OS/2 Warp 4 is one of today's most reliable network client platforms – with a proven 10-year track record for mission-critical business applications. It provides outstanding connectivity, manageability that can cut your cost of ownership, and compatibility with a broad base of applications to protect your software investment.

OS/2 Warp 4 is a leading-edge, network computing platform for e-business application deployment.

Requirements:	Processor, memory and free hard disk space requirements vary depending on options installed. Call for specific requirement information.
Media:	CD-ROM

Visit our Web site at: ibm.com/software/os/warp

Product No.	Description	Price \$
▶ 84H1426	OS/2 Warp 4	259
▶ 84H1429	OS/2 Warp 4 Upgrade	165
▶ 24 Hour QuickShip		

Ready for the next century

IBM PC DOS 2000



- **Includes PC DOS 7 which provides more free memory than earlier DOS versions**
- **Uses innovative memory management and disk compression techniques**
- **Supports the euro currency symbol.**

Industry-standard DOS is Year 2000 ready. And the PC DOS 2000 upgrade can bring every DOS V3.3 or higher and MS-DOS user up to speed. It will automatically correct the date returned by BIOS on many machines that have "century rollover" exposure. Its development processes are Information Technology Association of America (ITAA) Year 2000-certified, and no-charge defect support is available until January 31, 2001.

Hardware Requirements:	Any IBM or compatible personal computer, 512KB of memory; one 1.44MB 3.5" diskette drive or installed CD-ROM drive; 6MB of hard disk space; 18.5MB free space for PC DOS and all optional tools; a mouse or compatible pointing device (recommended).
Software Requirements:	Upgrade using CD-ROM requires a hard disk with DOS 3.3 or higher installed.
Media:	3.5-inch diskette and CD-ROM

Visit our Web site at: ibm.com/software/os/dos

Product No.	Description	Price \$
▶ 04L5567	IBM PC DOS 2000, CD-ROM only	55
▶ 04L5596	IBM PC DOS 2000, 3.5-inch diskette only	60
▶ 04L6722	IBM PC DOS 2000, Additional License	50
▶ 24 Hour QuickShip		

visit

ibm.com/shop/software

call 800 426-2255

Comprehensive PC antivirus protection

Norton AntiVirus/IBM Solution Suite



- Detects and removes known, previously unknown and unidentified viruses
- It is "install and forget" protection for your computer that works in the background to continuously and automatically detect and remove viruses
- Provides broad coverage of clients, servers and gateways
- Detects and disinfects 100% of in-the-wild viruses, including Microsoft Word macro viruses
- Analyzes viruses byte for byte before disinfection
- Offers the same look-and-feel across multiple platforms
- Automates and centralizes administration
- Virtually eliminates false alarms.

With an average of 10-15 new viruses appearing every day and companies moving more of their valuable data to PCs, destructive computer viruses pose a real and growing threat. Shield yourself and your company's data from virus attacks with Norton AntiVirus/IBM Solution Suite. The AntiVirus Solution is a comprehensive suite of anti-virus products for PCs running DOS, Windows and OS/2.

Requirements:	Call for hardware and software requirements
Media:	CD-ROM

Visit our Web site at: ibm.com/software/security/antivirus

Product No.

Available only through IBM Passport Advantage Contract. Call for product numbers, pricing and contract information.

Easy network management

Netfinity Director V2.12



- Workgroup hardware manager for IBM and non-IBM Intel processor-based systems
- Supports industry standards, from CIM to SNMP
- Powerful agent-Universal Manageability (UM) Services provides the client services to manage your systems
- Provides smooth integration into leading workgroup and enterprise systems management environments
- Now supports Microsoft Windows 2000 and SCO UnixWare agent.

Netfinity Director with UM Services V2.12, the latest IBM Universal Manageability (UM) offering, delivers the next generation in systems manageability. With its advanced local and remote management capabilities, Netfinity Director makes managing your network easier than ever. It also provides an extensive menu of Life Cycle Tools that further expand the manageability of your IBM hardware.

Netfinity Director provides the control you need with functions such as robust group management from a central location, performance analysis, secured Web access to your networked systems and automated event responses to monitored conditions.

Requirements:	Call for hardware and software requirements.
Media:	CD-ROM

Visit our Web site at:
ibm.com/pc/ww/solutions/enterprise/sysmgmt/

Product No.	Description	Price \$
11K6309	Netfinity Director w/UM Services V2.12 Program Package with Svr and 1Cli ML	1,705
11K6314	UM Services V2.12 1 Client	1,139
11K6315	UM Services V2.12 5 Clients	5,695
11K6316	UM Services V2.12 50 Clients	59,950

visit

ibm.com/shop/software

call 800 426-2255

PASSPORT
ADVANTAGE

Be sure to ask about
Passport Advantage

C

CICS Transaction Gateway V3.1	17
CICS Transaction Server for OS/2 Warp V4.1	15
CICS Universal Clients V3.1	15
Commerce Integrator V1.1	26
Communications Server for AIX V5.0.4	31
Communications Server for UnixWare 7 V5.0	30
Communications Server for Windows NT and Windows 2000 V6.1	30
Content Manager	7

D

DB2 Everyplace	9
DB2 Intelligent Miner for Data V6.1	10
DB2 OLAP Server V7.1	10
DB2 Universal Database Satellite Edition	9
DB2 Universal Database V7.1	5
DB2 Warehouse Manager	11
Developer Connection Release 2	39
DFS Server	17

E

Enterprise Information Portal	8
-------------------------------------	---

H

Host On-Demand V4.0	28
Host Publisher V2.1	29

I

Intelligent Miner for Text V2.3	12
---------------------------------------	----

L

LAN Distributed Platform V5	16
Lotus Domino Designer R5	33
Lotus Domino R5 Servers	33
Lotus Notes R5	33

M

MQSeries V5.1	13
MQSeries Integrator	14
MQSeries Workflow	14

N

Netfinity Director V2.11	46
Netfinity Web Server Accelerator, V2.0	32
Norton AntiVirus/IBM Solution Suite	46

O

OS/2 Warp 4	45
OS/2 Warp Server for e-business	32

P

PC DOS 2000	45
Personal Communications V5	27
Personal Communications and Host On-Demand	31

Q

Query Management Facility for Windows V7	12
--	----

S

Screen Customizer for Host Integration	28
Suites for e-business	19

T

Tivoli IT Director	41
Tivoli IT Management Solutions	41
Tivoli NetView	43
Tivoli SecureWay Security Solution	44
Tivoli Storage Management Product Set	42
TXSeries V4.2	16

V

ViaVoice Millennium Family	18
VisualAge Cobol Enterprise V2.2	34
VisualAge C++ for AIX V5.0	40
VisualAge C++ Professional V4.0	40
VisualAge Developer Domain	37
VisualAge for Java V3.0	35-36
VisualAge Generator V4.0	39
VisualAge Interspace	36
VisualAge PL/I Enterprise Server V2.1	34
VisualAge Smalltalk Add-Ons	38
VisualAge Smalltalk Enterprise V5.0	38

W

WebSphere Application Server Advanced Edition	21
WebSphere Application Server Enterprise Edition	21
WebSphere Application Server Standard Edition	20
WebSphere Catalog Architect V4.1	25
WebSphere Commerce Family	23
WebSphere Commerce Studio V.4.1	23
WebSphere Commerce Suite Service Provider Edition V3.2	5
WebSphere Commerce Suite V4.1	24
WebSphere Payment Manager	26
WebSphere Performance Pack for Multiplatforms V3.0	22
WebSphere Product Family	20
WebSphere Studio V3.0 w/NLS	22
WebSphere Transcoding Publisher	29

What you need to know about Agreements and Warranties. IBM products featured in this catalog are offered under the terms of the IBM Customer Agreement (ICA), the International Program License Agreement (IPLA), or the Lotus Software Agreement. Complete documentation regarding licensing terms, warranties, current prices, contracts, volume discounts and technical product descriptions are available by phone, fax or mail. Simply dial 800 426-2255. **If you need information on Federal pricing.** This catalog contains commercial pricing, terms and conditions. Federal customers, please call 800 426-2255 to determine applicability of the offering and for information on configurations, pricing, terms, conditions and ordering. **Availability and limitations sometimes apply.** IBM reserves the right to modify the promotional offerings in this catalog at any time. **The software products in this catalog are available through September 30, 2000.** The most current edition of the IBM Direct Desktop Software Catalog supersedes any previous edition of this catalog. Prices and charges in this catalog are subject to change without notice and do not include applicable sales taxes. IBM is not responsible for printing errors in this catalog which result in pricing or information inaccuracies. All orders are subject to normal IBM credit approval. The following terms are trademarks or registered trademarks of the IBM Corporation in the United States or other countries for both: ADSTAR, Advanced Peer-to-Peer Networking, AFP, AIX, AnyNet, APPN, AS/400, Business Partner, CICS, CICS/ESA, DB2, Developer Domain, DRDA, IBM, ImagePlus, IMS, IMS/ESA, MQSeries, MVS, MVS/ESA, Net.Data, Netfinity, Nways, OS/2, OS/390, OS/400, PowerPC, Presentation Manager, RISC System/6000, RS/6000, SmoothStart, S/370, S/390, TeamConnection, VisualAge, VoiceType, WebSphere, and Workplace Shell are denoted by a single asterisk (*) in their first appearance. Java is a trademark of Sun Microsystems, Inc. Tivoli is a registered trademark of Tivoli Systems, Inc. TME 10 is a trademark of Tivoli Systems, Inc. Tivoli Systems, Inc. is a subsidiary of IBM Corporation. UNIX is a registered trademark in the United States and other countries, licensed exclusively through the X/Open Company, Limited. Microsoft, Windows NT, BackOffice, Windows, Windows 95, Windows 98, Internet Explorer and Active X are trademarks or registered trademarks of Microsoft Corporation. Other company, product and service names, which may be denoted by a double asterisk (**) in their first appearance, may be trademarks or service marks of others.



MQSeries bears the torch of Olympic Games information.

You'll find people from all over the world at the Sydney 2000 Olympic Games. They speak a multitude of languages, making communication with one another no small task. But one thing is certain: At the start of every Olympic event, the crowds' thundering cheer is universal.

Much like breaking down communication barriers between people, **IBM MQSeries** can get a variety of systems talking. Reliably. Easily. Seamlessly. In fact, MQSeries transparently enables message delivery across more than 35 different computing platforms. No sweat. That's why MQSeries was chosen as the primary transport mechanism to move information between Olympic Games applications and systems.



Welcome the Olympic Games Messenger

Distributing data to many of the Games' systems, MQSeries middleware plays a pivotal role in the IT infrastructure of the Sydney 2000 Olympic Games solution. To effectively manage registration and accreditation—including badges and venue access—the Microsoft Windows NT-based

Accreditation application relies on MQSeries to feed its data to the Games' INFO and Central Results Systems. While the crowd is happily cheering on their favorite athletes, the Event Control PC at each venue captures and forwards event results—through MQSeries—to the Commentator Information System (CIS) controller. It's then the controller's job to feed that information to CIS workstations manned by international television and radio broadcasters.

MQSeries also feeds the Central Results System data to the World News Press Agencies and INFO system. And to the Official Sydney 2000 Olympic Games Web site, where fans around the world can view the results.

IBM MQSeries: A universal interpreter for critical Olympic Games information.

See Page 13 for more information about the MQSeries family of products.

visit

ibm.com/shop/software

call 800 426-2255

IBM at the Sydney 2000 Olympic Games.



- **Official Olympic Games Web site (www.olympics.com)** expects to handle over one billion page views
- **Olympic Games Results System** will feed event results data throughout the Olympic Games venues and the world
- **Olympic Games Management Systems** will support critical logistical activities for the Olympic Games
- **IBM FanMail Web site (ibm.com/fanmail)** will enable fans worldwide to send messages to their favorite athletes

And much more!

Read the case studies on the inside front and back covers of this catalog for more information or visit the **IBM Olympic Games Web site at:**

ibm.com/olympics



© Copyright IBM Corporation 2000

Returned Mail Only
IBM Direct
Dept. SC200
411 East Wisconsin Avenue
Milwaukee, WI 53202-9846

Bulk Rate
U.S. Postage
PAID
IBM CORP.

If not deliverable as addressed, please route to MIS manager.

Priority Code ►

