



IBM WebSphere Multichannel Bank Transformation Toolkit V8.0 accelerates multichannel application development for banks and financial services

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At a glance

Customers look for ways to adopt the latest User Interface (UI) technologies with low cost and strategic platform support. In addition to providing an Integrated Development Workbench, WebSphere® Multichannel Bank Transformation Toolkit (BTT) V8.0 accelerates multichannel application development providing:

- Integrated software offering for channel application infrastructure, and ready-to-use development tools to reduce migration pain
- Multichannel target marketing capabilities by embedding Unica Interact and Unica Campaign
- Examples of "fund purchasing" in Internet banking and mobile banking, providing an example of channel application implementation based on BTT
- Mobile support in runtime framework for smart devices
- Continuously improved User Interface runtime and toolkit to support pop-up dialogs and more layouts

Overview

WebSphere Multichannel BTT V8.0 is a Java™ tool set that helps to significantly accelerate multichannel application development and create a runtime infrastructure platform for channel applications. It delivers an integrated development environment to build channel applications, the infrastructure to run the channel applications, a real-time marketing engine to provide targeted marketing and cross-selling campaign capability in channel applications, and adds BTT solution templates showing leading practices for implementing Internet banking, and mobile banking solutions.

WebSphere Multichannel BTT's key features and benefits include:

- Multichannel application framework -- Supports creation of multichannel applications, a key factor in reducing total cost of system ownership
- Time-saving features and Integrated Development Workbench -- Builds on and includes WebSphere runtime and Rational® development environment, enabling developers to maximize their productivity and improve overall time-to-value
- Web 2.0 support -- Offers Web 2.0 framework based on dojo to enhance the Internet banking user experience by providing a differentiated look and feel, as well as personalized service contents

- Mobile support -- Offers a mobile User Interface (UI) framework based on dojo mobile to provide a similar user experience to native smart phone applications with unified web programming model
- Real-time marketing capability to provide consistent experiences for targeted marketing and cross-selling across channels
- Solution templates for Internet banking and mobile banking to show the leading practices of BTT application implementation, and accelerates solution building
- Rule-based, channel policy management -- Supports rules-based channel control through WebSphere ILOG® Rules or simple Java rules, based on a predefined channel data model to provide the flexibility
- Rich Client support and desktop integration capabilities -- Assist banks to rapidly build integrated teller or desktop applications by providing add-on features to Eclipse RCP and Lotus® Expeditor
- Sample applications -- Contains sample multichannel applications addressing both basic and advanced functionalities, such as reuse of channel business logic and invocation of remote Web Services

For ordering, contact Your IBM® representative or an IBM Business Partner. For more information contact the Americas Call Centers at 800-IBM-CALL (426-2255). Reference: YE001

Key prerequisites

Refer to the [Technical information](#) section.

Planned availability date

- January 20, 2012 (electronic software delivery)
- February 20, 2012 (media and documentation)

Description

WebSphere Multichannel BTT V8.0 enhancements address these key themes:

- Integrated software offering - Deliver an integrated software offering for channel application including prerequisite software.
- Campaign capabilities - Provide multichannel target marketing capabilities in channel application.
- Solution content - Provide startup content and the best practice of channel application implementation base on BTT.
- Improved User Interface runtime and tool - Provide more functions in framework and accelerate development further.

Complete package for channel application infrastructure -- Embed with WebSphere Application Server V8, WebSphere Application Server Tool Edition V8 to remove the prerequisites

Multichannel target marketing capabilities

- Embed Unica Interact and Campaign to enable multichannel target marketing for cross sell and up sell
- Solution content to show the target marketing and cross selling
- Sample codes in solution content to show Integration Unica Interact with BTT

Solution content

- Internet banking and mobile banking functions
- Fund purchase, Fund search, Fund list, Fund hold list, Fund purchase flow, and My interest list

Mobile enablement -- Embed DOJO mobile and provide mobile banking fund purchase application for smart device

Improved User Interface (UI) runtime and framework

- Common technical components including Electronic Journal
- Enhanced extensibility of widgets in table cell
- Consumable error messages for initialization
- Enhanced BTT artifacts management mechanism
- Pop-up dialog support
- Layout enhancement

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

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

Section 508 of the US Rehabilitation Act

WebSphere Multichannel Bank Transformation Toolkit V8.0 available as of January 20, 2012, when used in accordance with IBM's associated documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it. A US Section 508 Voluntary Product Accessibility Template (VPAT) can be requested at

http://www-03.ibm.com/able/product_accessibility/index.html

Program number

Program number	VRM	Program name
5724-H82	V8.0	IBM WebSphere Multichannel Bank Transformation Toolkit

Education support

Education material for WebSphere Multichannel BTT is available from the following website

<http://www-01.ibm.com/software/awdtools/wmbtt/library/>

Additional customized training classes are offered based on request

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

Offering Information

Product information is available via the Offering Information website

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

Also, visit the Passport Advantage® website

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

Publications

No publications are shipped with this product. The complete set of product documentation, which includes release notes, installation, configuration, architecture, development, customization, and reference information, can be downloaded from the product information center.

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

Technical information

Specified operating environment

Hardware requirements

Server hardware requirements

The following memory and disk requirements are for the WebSphere Application Server and the Microsoft™ Windows™ Server.

- Hardware must meet requirements of the supported operating system level used.
- Minimum 5 GB of free disk space for installation (includes SDK)
- Minimum 1 GB of physical memory recommended

For Linux™ on x86-32, x86-64, and IBM System z®

- Hardware must meet requirements of the supported operating system level used.
- Minimum 5 GB of free disk space for installation (includes SDK)
- Minimum 1 GB of physical memory recommended

For AIX®

- IBM POWER4, or later, processors
- Minimum 5 GB of free disk space for installation (includes SDK)
- Minimum 1 GB physical memory

For further details, refer to:

- Section 11.1 of the *IBM AIX Version 6.1 Difference Guide* at <http://www.redbooks.ibm.com/redbooks/pdfs/sg247559.pdf>
- Section 11.3 of the *IBM AIX Version 7.1 Difference Guide* at <http://www.redbooks.ibm.com/redpieces/pdfs/sg247910.pdf>

For Solaris

- Oracle Solaris operating environment compatible SPARC workstation at 1.0 GHz or faster
- Minimum 5 GB of free disk space for installation (includes SDK)
- Minimum 1 GB of physical memory recommended

For additional software products, for example IBM DB2®, IBM Communications Server or WebSphere MQSeries® Integrator, refer to the respective product documentation for additional hardware requirements.

Client hardware requirements

For Windows XP, Windows Vista business, and Windows 7

- Hardware must meet requirements of the supported operating system level being used.
- 500 MB free disk space.
- Minimum 1 GB of physical memory recommended.

For Linux on x86-32

- Hardware must meet requirements of the supported operating system level being used.
- 500 MB free disk space
- Minimum 1 GB of physical memory recommended

Hardware requirements for development environment

For Windows XP, Windows Vista 7 and Windows 7

- Display: 1024 x 768 minimum; 1280 x 1024 recommended
- Memory: 2 GB RAM minimum
- Processor: Intel™ Pentium™ III 800 MHz, or higher, recommended

For Linux on x86-32

- Display: 1024 x 768 minimum; 1280 x 1024 recommended
- Memory: 2 GB RAM minimum

If the development environment requires additional software products, for example DB2 or IBM Communications Server, refer to the specific product documentation.

For the latest hardware requirements, refer to the documentation on the website

<http://www-01.ibm.com/software/awdtools/wmbtt/requirements/>

Software requirements

Supported operating systems

Server operation systems

- AIX V6.1 - Minimum service pack required is 6100-00-04
- AIX V7.1 - Minimum service pack required is 7100-00-01
- Microsoft Windows Server 2003 SP2/R2 on x86-32
- Microsoft Windows Server 2008, Enterprise and Standard on x86-32 and x86-64
- Red Hat Enterprise Linux 6.0 Server on x86-32, x86-64, and IBM system Z
- Solaris 10 SPARC

Client and development operation systems

- Windows XP Professional with Service Pack 3
- Windows Vista business SP1
- Windows 7
- Red Hat Enterprise Linux 6.0 Desktop

Supported application servers

For Windows 2003/2008 on x86-32, Solaris, Linux on x86-32, and AIX

- WebSphere Application Server, V7.0.0.17 (32-bit)
- WebSphere Application Server Network Deployment V7.0.0.17 (32-bit)
- WebSphere Application Server, V8.0.0.1 (32-bit)
- WebSphere Application Server Network Deployment V8.0.0.1 (32-bit)

For Windows 2008 on x86-64, Linux on IBM System Z and x86-64, AIX

- WebSphere Application Server, V7.0.0.17 (64-bit)
- WebSphere Application Server Network Deployment V7.0.0.17 (64-bit)
- WebSphere Application Server, V8.0.0.1 (64-bit)
- WebSphere Application Server Network Deployment V8.0.0.1 (64-bit)

Supported development environment

- IBM Rational Application Developer V8.0.4
- Embedded BTT Developer Tools V8.0

Supported browsers

- Internet Explorer 6.0 SP2, Internet Explorer 7.0, and Internet Explorer 8.0
- FireFox 3.6

Supported databases

- DB2 UDB Enterprise Server Edition V9.5 FP4, and V9.7
- Oracle 11g Standard/Enterprise Release 2 - 11.2.0.1
- Microsoft SQL Server 2008

Optional software

- WebSphere MQ V7.0.1.6
- Communications Server for AIX V6.4
- Communications Server for Linux V6.4
- Communications Server for Windows V6.4
- IBM Tivoli® Directory Server 6.3
- IBM ILOG 7.1.1
- IBM Cognos® 8 Business Intelligence
- IBM SPSS® Statistics 19
- IBM InfoSphere® Master Data Management Server V9.0
- IFW Banking Accelerators

For the latest supported software, refer to the documentation on the website

<http://www-01.ibm.com/software/awdtools/wmbtt/requirements/>

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

Planning information

Software Maintenance is included with licenses purchased through Passport Advantage and Passport Advantage Express®. Installation and technical support is provided by the Software Maintenance offering of the IBM International Passport Advantage Agreement. This fee service enhances your productivity, with voice and electronic access into IBM support organizations.

Packaging

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

Security, auditability, and control

WebSphere Multichannel BTT uses the security and auditability features of the operating system that the product runs on. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Ordering information

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

Licensed function title	Product group	Product category
IBM WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition v8.0 (PID 5724-H82)	IBM WebSphere Business Components	IBM WebSphere Business Components
IBM WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition v8.0 (PID 5724-H82)	IBM WebSphere Business Components	IBM WebSphere Business Components

Charge metric

Program name	PID number	Charge metric
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition	5724-H82	Processor Value Unit
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition	5724-H82	Processor Day
WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition	5724-H82	Authorized User

Charge structure

WebSphere Multichannel BTT Enterprise Edition V8.0

The price of WebSphere Multichannel BTT Enterprise Edition V8.0 is based on the total Processor Value Units (PVU) on all systems and nodes executing any part of the product. This applies to application developers using the product and also users of applications built using the product.

WebSphere Multichannel BTT Enterprise Edition V8.0 is available as part of the IBM On/Off CoD Offering. It allows your client to pay a fee to enable and use temporary capacity, based on customer eligibility. For details, refer to Software Announcement [203-202](#), dated August 12, 2003.

WebSphere Multichannel BTT Workgroup Edition V8.0

As an alternative to purchasing WebSphere Multichannel BTT Enterprise Edition PVU licenses for the deployment of user applications built using the Enterprise Edition product, clients can purchase Multichannel BTT Authorized user license for each user.

For users who cannot be counted or verified, customers must purchase the enterprise license for deployment to cover entitlement for this use. WebSphere Multichannel BTT user license option can only be purchased when the users can be counted and verified. To purchase WebSphere Multichannel BTT Workgroup Edition Authorized user licenses, customers must hold a WebSphere Multichannel BTT Enterprise Edition license.

A Workgroup Edition license does not entitle the user to use any development feature of the WebSphere Multichannel BTT product. Developers require an Enterprise Edition license.

The price of WebSphere Multichannel BTT Workgroup Edition V8.0 is based on the number of authorized users. Clients of WebSphere Multichannel BTT Workgroup Edition should plan on implementing counting methods for users and then obtain additional user entitlements to the extent required. The Workgroup Edition price is independent of how many PVUs are serving the licensed users. Those processors may include S/390® processors.

Note: Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

Authorized User

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for

each Authorized User accessing the program in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

Note: Some programs may be licensed where devices are considered users. In that case, the following applies. Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

Processor Value Unit (PVU)

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type, and model number at the website below) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores. The PVU table can be found at

http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html

Licensee can deploy the program using either full-capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage sub-capacity licensing terms (refer to the web page below). If using Full-capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using Virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at

http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html

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

Notes

- Some programs may require licenses for the program **and** what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

Passport Advantage

Program name/Description	Part number
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per Processor Value Unit License + SW Subscription & Support 12 months	D56G3LL
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per Processor Value Unit Annual SW Subscription & Support Renewal 12 months	E029NLL
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per Processor Value Unit SW Subscription & Support Reinstatement 12 months	D56GALL
WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition Authorized User License + SW Subscription & Support 12 months	D5C2YLL
WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition Authorized User Annual SW Subscription & Support Renewal 12 months	E1C30LL
WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition Authorized User SW Subscription & Support Reinstatement 12 months	D5C31LL

Passport Advantage customer: Media pack entitlement details

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

Media pack description	Part number
WebSphere Multichannel Bank Transformation Toolkit V8.0 Multilingual, windows, Linux for IBM System z Series Intel based servers, CD ROM	AF0CKML

Cross-platform product for use on System z Integrated Facility for Linux (IFL) engines

Order the part numbers that follow when the product is intended to run on the Linux operating system on System z Integrated Facility for Linux (IFL) engines. If the product is not intended to run on the Linux operating system on System z IFL engines, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

Program name/Description	Part number
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per Processor Value Unit Linux on System z License + SW S&S 12 months	D0CBZLL
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per Processor Value Unit Linux on System z Annual SW S&S Renewal 12 months	E08HXLL
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per Processor Value Unit Linux on System z SW S&S reinstatement 12 months	D0CC0LL

WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition Authorized User Linux on System z License + SW S&S 12 months	D0CC1LL
WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition Authorized User Linux on System z Annual SW S&S Renewal 12 months	E08HYLL
WebSphere Multichannel Bank Transformation Toolkit Workgroup Edition Authorized User Linux on System z SW S&S reinstatement 12 months	D0CC2LL

On/Off Capacity on Demand (CoD)

Description	Part number
WebSphere Multichannel Bank Transformation Toolkit Enterprise Edition Per processor day On/Off CoD	D5540LL

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

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These programs are licensed under the IBM International Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

S/390 and System z IBM Operational Support Services - SoftwareXcel is an option if you desire added services.

License Information form number

For WebSphere Multichannel BTT V8.0.0.0 Enterprise Edition, the License Information form number is L-LLLU-8N8CJG.

For WebSphere Multichannel BTT V8.0.0.0 Workgroup Edition, the License Information form number is L-LLLU-8N8DLB.

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

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

Limited warranty applies

Yes

Limited warranty

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

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

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

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

Program technical support

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

Money-back guarantee

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

For clarification, note that (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

Software Subscription and Support applies

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

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

Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under the applicable agreements.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

Other support

Passport Advantage

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

On/Off Capacity on Demand (CoD)

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

Prices

For additional information and current prices, contact your local IBM representative.

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

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