



# WebSphere Commerce Business Edition V5.1 Announcement Overview

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# Agenda

- Welcome
- High Level Discussion
  - ▶ Business Edition Content
  - ▶ Bridge from WCS V5.1 Pro
  - ▶ Motivation for a business edition
  - ▶ Roll out strategy
- Detailed discussion of Business Edition Features
- Q&A

# IBM WebSphere Commerce Overview

## Two Strategic Business Solutions on One Common Platform



# Introducing WebSphere Commerce Business Edition Serious B2B e-Commerce

## Business Relationship Management

- Business Manager Interface
- Contracts Infrastructure
- Customized Business Policy
- Collaborative B2B Commerce
- Advanced Business Intelligence

## Advanced Order Management

- Available To Promise (ATP)
- Backorder Processing, Split Orders
- Returns & Refund Processing
- Inventory Management

## B2B Member Management

- Hierarchical Organizational Structure
- Granular Access Control by Role for both administrative roles and buyer roles

## New B2B Function

- Single Seller RFQ, Contract Pricing
- Requisition Lists
- Purchase Order as Payment
- B2B Store Model

**New B2B function provides ability to implement business policies quickly  
and the flexibility to adapt those policies**

## Bridging From WCS V5.1 Pro

- Based on same design principles as WCS V5.1
  - ▶ 100% Java: EJB, JSP, Servlet, JDBC, JNDI, JMS
  - ▶ XML Exploitation
  - ▶ Leverage WebSphere
  - ▶ Multicultural Enablement
  - ▶ Connectivity
  - ▶ Extensible/Accessible Framework
  - ▶ Programming Best Practices
- Still a 'suite' bundling the usual products
  - ▶ WebSphere Application Server, Advanced Edition
  - ▶ DB2 Database, Blaze (HNC) Rules Engine
- Essentially the same platform and language support
  - ▶ Solaris, AIX, Windows, i-series, z-series, Linux
  - ▶ Multi-tier configurations
  - ▶ Same translations (Group 1)
- Continue to have developer and production editions

## Bridging From WCS V5.1 Pro

- Leveraged Technology, Expertise and Experience from:
  - ▶ Open Orders Acquisition
    - ATP, Returns/Refunds, Fulfillment and Inventory
  - ▶ Marketplace Edition and B2B Experience
    - Member modelling
    - Access control, Approvals
    - Connectivity for marketplaces
    - RFQ
  - ▶ IBM Research
    - Collaboration
    - Search enhancements
  - ▶ Customer and Marketplace Feedback
    - Install, Catalogue Management, Usability Enhancements
    - Contracts, Terms and Conditions, Policies
- Updated our bundling
  - ▶ Now bundle WebSphere Catalog Manager
  - ▶ Now bundle Lotus Sametime and Quickplace
  - ▶ Now support IIS as a Web Server on Windows

## Why a B2B Edition

- New features have value to a particular customer set
  - Business Relationship Management
  - Advanced Order Management
  - B2B Membership Management
  - B2B Function - RFQ, Contracts, B2B Store
  - Collaborative Commerce (Quickplace)
- Built on the same technology base
  - ▶ Many customers are both B2B and B2C

# WebSphere Commerce

## Business Edition Availability

- **WebSphere Commerce Studio, Business Developer Edition V5.1 - General Availability**
  - Platforms: Windows 2000 / NT
  - English - 11/30/01
  - NLV - targeting concurrent availability
  - Based on WebSphere V3.5
- **WebSphere Commerce Business Edition V5.1 - Limited Availability (PRPQ)**
  - Platforms: Windows 2000 / NT, AIX, Solaris, iSeries
  - English - 12/14/01
  - NLV - targeting concurrent availability
  - Based on WebSphere V4.0
- **WebSphere Commerce Business Edition V5.1 - General Availability**
  - Windows 2000 / NT, AIX, Solaris, iSeries
  - English - first quarter 2002
  - NLV - targeting concurrent availability
  - Based on WebSphere V4.0
  - Pro V5.4 - Targetting concurrent availability

# Pricing Terms and Conditions

## ■ List Pricing

- WebSphere Commerce Business Edition - **\$125K** per processor
  - 1 Store minimum - **\$15K** per store
- WebSphere Commerce Studio Business Developer Edition - **\$15K** per user

## ■ List upgrade Pricing - Customers with Active Subscription

- Processor Trade-up from Pro V5.1: **\$73K**
  - Store Trade-up from Pro V5.1: **\$6K**
- Developer Edition Trade-up from Studio Pro V5.1: **\$5K**

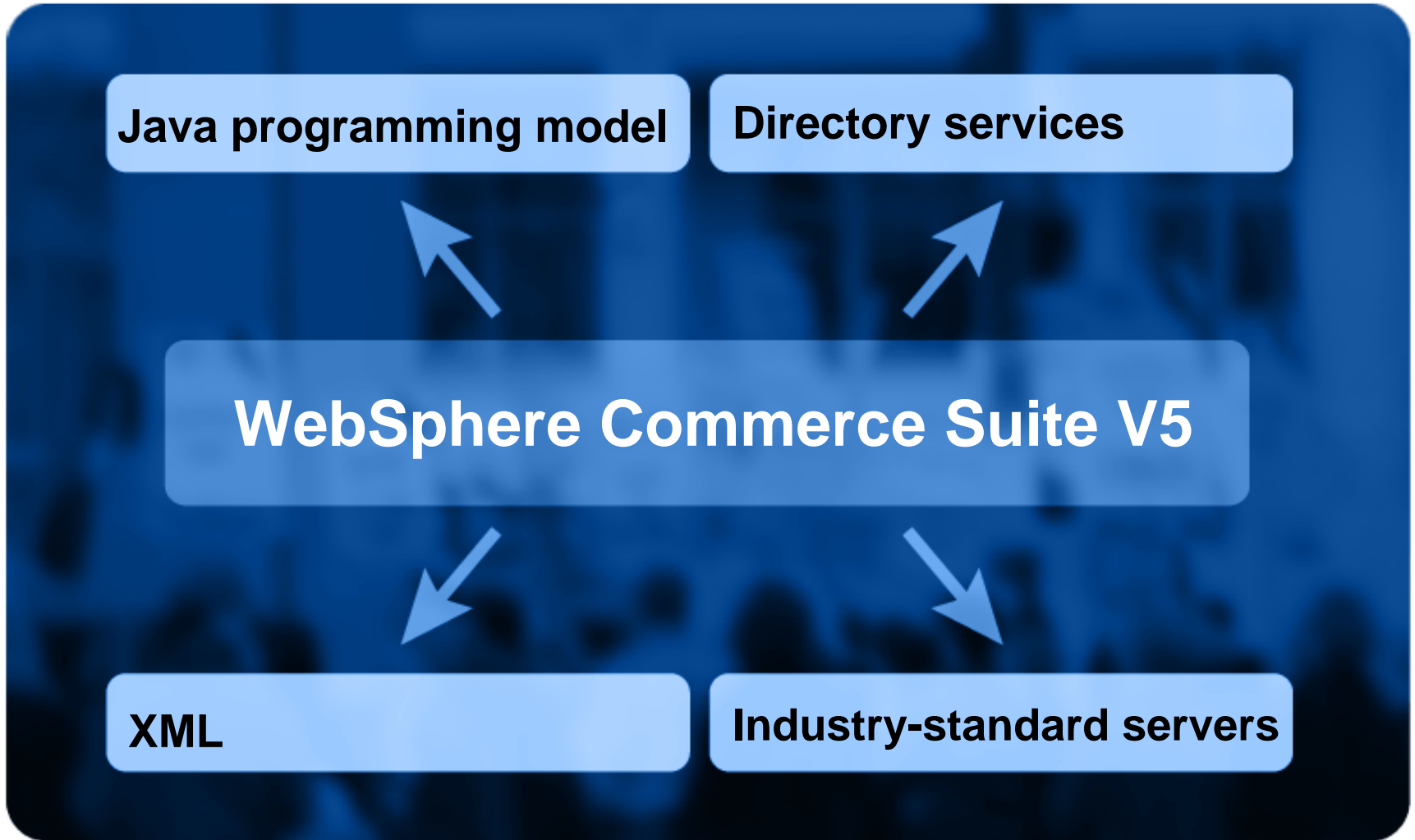
# WebSphere Commerce Business Edition V5.1 Technical Overview



by Lev Mirlas



# Open Standards for Open Solutions



# WCS Business Edition Audience

B2B Retail Business Users	Store Development	Technical Operations	Customers
<ul style="list-style-type: none"> <li>• Seller</li> <li>• Product Manager</li> <li>• Category Manager</li> <li>• Buyer (for Seller)</li> <li>• Marketing Manager</li> <li>• Sales (Account) Manager</li> <li>• Account Representative</li> <li>• CSR</li> <li>• Customer Service Supervisor</li> <li>• Logistics Manager</li> <li>• Pick Packer</li> <li>• Receiver</li> <li>• Returns Administrator</li> </ul>	<ul style="list-style-type: none"> <li>• Graphics Artist</li> <li>• Web Developer</li> <li>• Java Programmer / Developer</li> <li>• Database Designer</li> </ul>	<ul style="list-style-type: none"> <li>• Site Administrator</li> <li>• Store Administrator</li> <li>• Seller Administrator</li> <li>• Database Administrator</li> <li>• Datamart Administrator</li> <li>• Site Analyst / Business Intelligence Specialist</li> </ul>	<ul style="list-style-type: none"> <li>• Customer (B2C and B2B)</li> <li>• Buyer Administrator (B2B)</li> <li>• Buyer Approver</li> <li>• Buyer (B2B)</li> </ul>

# New or Enhanced Features & Functions

- **Business Relationship Management**
  - ▶ Business Accounts
  - ▶ Contracts
  - ▶ Business Policies
- **Advanced Order Management**
  - ▶ Availability to Promise
  - ▶ Backorder / Split Order
  - ▶ Inventory Management
  - ▶ Returns and Refunds
  - ▶ Requisition Lists
  - ▶ Accounts Receivable Interface
  - ▶ B2B Payment Methods
- **Fulfillment Support**
  - ▶ Fulfillment Center management
  - ▶ Fulfillment Center selection
  - ▶ Release to fulfillment process
  - ▶ Fulfillment messages
- Policy Based Access Control
- B2B Member Management
- Approvals
- Request for Quote (RFQ)
- Real-time and Interactive Collaboration
- Business Intelligence and Reporting
- Catalog and Content Management
- Search
- Security Enhancements
- Tools and Sample Store Models

# Commerce Suite Accelerator Enhancements

- **Business Relationship Management**
  - ▶ Business Account configuration and management
  - ▶ Contract lifecycle processing
  - ▶ B2B personalization
- **Store Management and Operations**
  - ▶ Order, payment, and fulfillment handling
- **Merchandising**
  - ▶ Product Management
  - ▶ Product Sales
  - ▶ Purchase Tracking
- **Marketing**
  - ▶ Customer behavior profiling
  - ▶ Targeted campaigns
- **Customer Services**
  - ▶ Customer Profile Updating
  - ▶ Order Handling
  - ▶ Returns Processing
  - ▶ Live Help

# Business Relationship Management Scenarios

## Business Relationship

- Define business policies for stores
- Create, configure, and manage accounts
- Manage lifecycle of contracts
- Set up and manage Buyer Purchase Orders
- Examine order history
- Configure invoicing

## Store Management / Administration

- Create stores
- Multi-cultural enablement
- Manage Inventory
- Fulfill back-orders on stock replenishment
- Receive and process returned goods
- Operational reporting

## Marketing / Merchandising

- Manage member groupings
- Manage products and categories
- Monitor customer behavior
- Set up and manage campaigns
- Awareness advertising
- Product recommendation
- Direct discounts
- Manage auctions

## Customer Service

- Real-time assistance
- Document sharing
- Discussion forums
- Order management
- Returns and refund processing
- Examine Invoice

## Business Account

- The relationship between a buyer organization and a seller organization.
  - ▶ A seller's view of a buyer organization
  
- An account may have a number of contracts concluded with the seller.

## What can an account do:

- May have contracts with seller
- Configures Buying:
  - ▶ Credit Line with the seller
  - ▶ Buyer Purchase Order Numbers
    - Entered by buyer when checking out
    - Used to authorize payment
    - Printed on invoices and order reports so buyers may relate orders to their accounting systems
    - Blanket PO, Limited PO, Individual PO
  - ▶ Invoice Look&Feel
  - ▶ Catalog Display Customization
  - ▶ Ability of buyers to access standard store catalog and see standard prices

## Who manages an account

- Sales Manager
  - ▶ Creates accounts
  - ▶ Approves contracts
- Account Representative
  - ▶ Manages accounts
  - ▶ Creates contracts

Accounts are Managed through Business Relationship Management (BRM) function of the Commerce Accelerator

## Contract

- An arrangement between a seller and one or more buyers, through which the buyers may purchase goods and services from the seller, based on the agreed upon terms and conditions, for the specified duration of time.
- Contract is represented as XML document, with a published DTD
- API is available to create and deploy contracts.

# Contract Elements

- Profile
  - ▶ Name
  - ▶ Title
  - ▶ Description
  - ▶ Validity period
- Participants
  - ▶ Buyer
  - ▶ Seller
  - ▶ Seller Contact
- Terms and Conditions
- Attached Documentation

# Contract Terms and Conditions

- Each Term or Condition controls some part of the business flow
  - ▶ Prices and products
  - ▶ Returns and refunds
  - ▶ Payment
  - ▶ Shipping
  - ▶ Order Approval
  - ▶ Fulfillment Centers
  - ▶ Right to buy
- 'Default contract' is created to configure behaviour of base store

## Business Policy

- A set of rules followed by a business for a particular business process.
- Contains one or more methods (task commands) that may be invoked.
  - ▶ For example, a payment policy will have methods to authorize payment, deposit payment, refund payment
- Contains pre-defined parameters, e.g. references to business objects
  - ▶ For example, a price policy will have reference to a price list.
  - ▶ Parameters may configure the operation of the policy's methods.

## Examples of policies

- Standard Pricing
- Predefined Product Sets
- Shipping Modes
- Returns and Refunds
- Invoicing
- Payment

## Contracts and Policies

- Contract Terms and Conditions may reference zero or more policies
  - ▶ Pricing TC may reference a price list policy
    - 'This contract uses the standard prices of the master catalog'
      - i.e. Master Catalog standard prices are a business policy supported by the store.
  - ▶ Shipping TC may reference shipmode policy
    - 'This contract allows buyers to ship using UPS overnight shipmode'
      - i.e. UPS Overnight is a shipmode policy supported by the store
- Contract Terms and Conditions may provide for modifications of policy behavior
  - ▶ Pricing Terms may reference a price list policy, with an adjustment
    - 'This contract gives 10% discount to the standard prices in the master catalog'
    - 'This contract gives standard prices in the master catalog, but the Cordless Drills subcategory has a 10% discount'
      - i.e. Cordless Drills may be a Product Set policy

## Why Policies?

Policies provide an indirection when building the Terms and Conditions of a contract

- Facilitate the creation of contract terms and conditions by predefining some standard parameters.  
Without business policies, the account rep would have to completely define all terms and conditions of a contract. This could be a lengthy process, depending on how elaborate the terms and conditions need to be.
- Limit the flexibility available to the account rep in creating contract terms and conditions.  
In a selling enterprise, it is a frequently important to enforce control over the types of contractual arrangements the business enters into. The business policy mechanism provides a means of enforcing such control, and yet leave controlled flexibility in the hands of the account representative.
- Hide the complexities of business object implementation from the account representative.

## Why Policies? (continued)

- Frequently different contracts require different implementation from the selling organization. For example, some contracts may define product prices using the out-of-the-box WCS pricing capabilities; other contracts may need to reference price lists that reside on an external price server. A business policy provides the implementation method that executes the policy (for example, 'compute the price'). This method is hidden from the account rep who prepares contract terms and conditions; e.g. To define contract pricing terms, the account rep can simply refer to the defined price-lookup policy.
- Allows stores to customize business policy for some customers. Up to now, commands and tasks were defined for a store; different stores could customize the implementation of commands. With policies, the same command could be implemented differently for different customers in the same store.
- Facilitate the sharing of contracts among stores. In some scenarios, a contract may need to be deployed in several affiliated stores. In this case, it is important to ensure that all the target stores respect the same set of terms and conditions. By defining policies at the store group level, a business may thereby enable the creation of contracts that reference those 'store group' policies; after that such contracts may be safely deployed in any store in the store group. om

# Advanced Order Management

- **Availability-to-Promise Inventory**
  - ▶ Determine if the product is in stock, and if not, estimate when it will be available based on anticipated receipts.
  - ▶ Configurable Inventory Picking, e.g. FIFO or LIFO
  - ▶ Inventory Allocation for orders
  - ▶ Inventory Reservation facility
    - e.g. Inventory reserved when auction is created
- **Backorder/Split Order**
  - ▶ Split Order into two or more orders based on availability dates
  - ▶ Allocation of backorders when inventory becomes available
- **Inventory Management**
  - ▶ Creation and management of:
    - Inventory receipts
    - Expected inventory receipts
    - Inventory adjustments
  - ▶ External Messages to integrate inventory management with a back-end system

## Advanced Order Management (cont.)

- Returns and Refunds
  - ▶ Automatic return approval and refund amount determination configured by contract
    - Percent refund
    - Restocking charge
    - Return period
- Requisition Lists
  - ▶ A set of products and quantities that buyers typically order
  - ▶ Simplifies purchasing flow for many B2B buyers.
  - ▶ May allow organizational access rights
- Accounts Receivable Interface
  - ▶ A set of overridable exits called at key points in payment processing to integrate with an accounting system
  - ▶ A/R integration is necessary to support the Line of Credit payment method

## Advanced Order Management (cont.)

- B2B Payment Methods
  - ▶ Support for a number of new set of payment methods through Websphere Payment Manager cassettes, such as:
    - Procurement Card
    - Automated Clearing House (ACH) through BankServ gateway
  - ▶ Other WPM cassettes available through third party vendors
  - ▶ Support for Line of Credit, through integration with an accounting system
  - ▶ Support for validating Buyer Purchase Order numbers during payment authorization
    - Predefined PO numbers - blanket or limited to a maximum spending amount
    - Individual PO numbers - optionally enforce uniqueness for all orders placed by the Business Account

## Fulfillment Support

- Release to Fulfillment Process
  - ▶ Release a set of order items to fulfillment
  - ▶ Takes place following payment authorization
- Fulfillment Center management
- Automatic, configurable fulfillment center selection based on:
  - ▶ Precedence configured by store
  - ▶ Attempting to fulfill entire order from a single fulfillment center
- Fulfillment Messages
  - ▶ Pick and Pack list creation and retrieval
  - ▶ Shipment Confirmation

## Policy Based Access Control

- Powerful mechanism to define access control policies for the system
  - ▶ Access Control policies defined for user groups and roles, to control access to resources or resource groups
- May allow organizational access rights, for example:
  - ▶ Sales Manager may approve contracts
    - Contract is the resource
    - Seller organization owns the contract
  - ▶ All users with the role BuyerApprover for the buyer organization may approve the order
    - Order is the resource
    - Seller organization owns the order
    - Buyer Organization is specified in the order itself

## Approvals

- Order Approval
  - ▶ by Buyer Approver, a member of the buyer organization
- User Approval
  - ▶ by Buyer Administrator, a member of the buyer organization
- Contract Approval
  - ▶ by Sales Manager, a member of the seller organization
- RFQ Approval
  - ▶ by Buyer Approver, a member of the buyer organization

# B2B Member Management

## Organization and User Management

- ▶ Support for Hierarchical Organization Structures
- ▶ On-line and Batch Registration
- ▶ Registration Processes with approvals
- ▶ Extensible Profiles and Context-sensitive Attributes
- ▶ Explicit and Implicit Group Management
- ▶ Role management

## Request for Quote (RFQ)

- Buyer solicits quote for goods or services
  - May include extra information to describe personalized items
- Seller responds to request for quote
- Buyer accepts the response
- Order or Contract results at completion of RFQ
- Approval flow with RFQ processes

# Collaboration

## Leveraging Lotus SameTime

- ▶ Live Help
  - Real-time customer service via interactive chat
- ▶ Real-time contract negotiations and decision making

## Leveraging Lotus QuickPlace

- ▶ Private meeting rooms (e.g. for sharing of documents)
- ▶ Discussion forums
- ▶ Virtual teaming

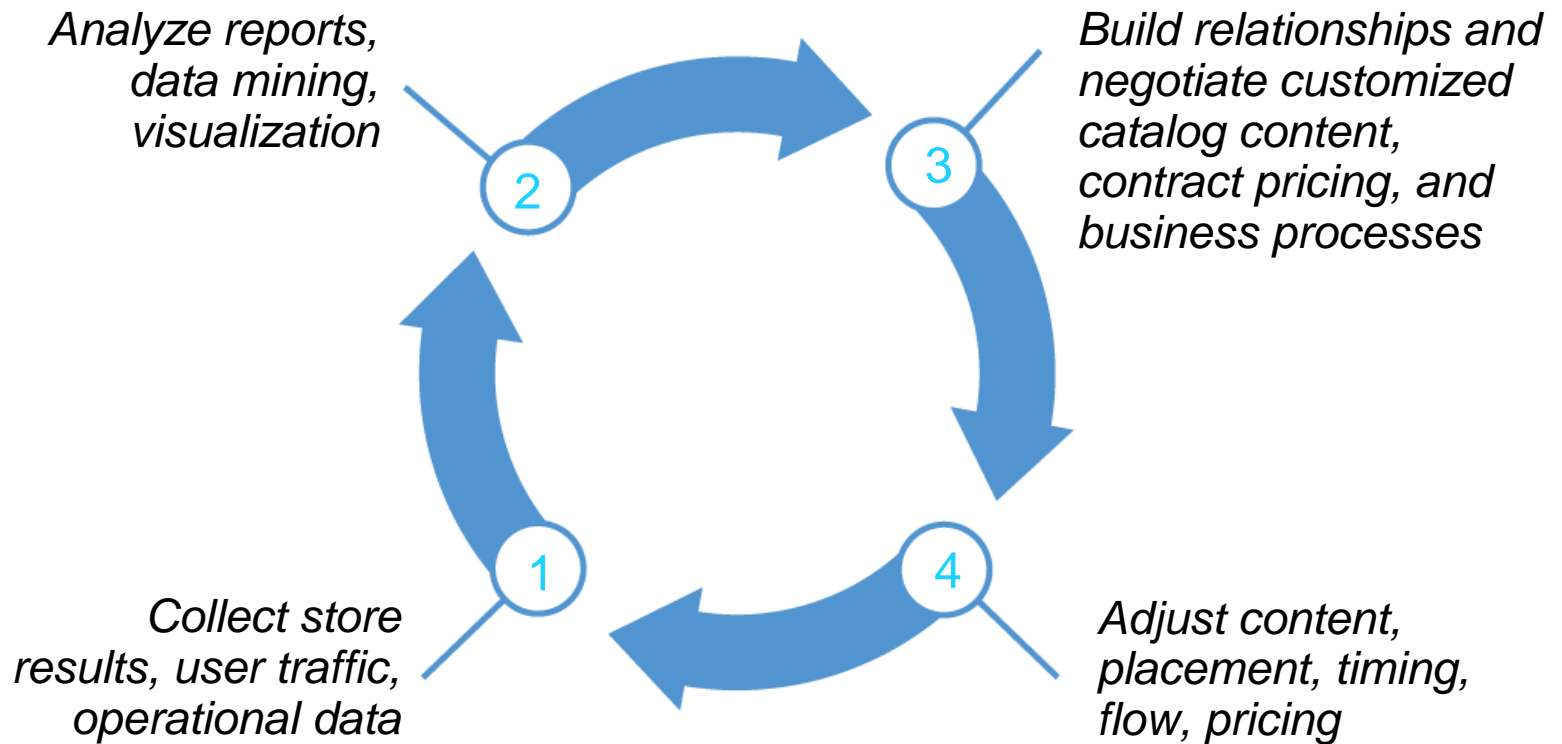
# Business Intelligence

## Understand

- ▶ Analyze customer behavior
- ▶ What is selling and why
- ▶ What processes work best
- ▶ Sales by account or contract

## Act

- ▶ Build/Enhance relationships
- ▶ Leverage multiple channels and business intelligence
- ▶ Maximize profitability




# WebSphere Commerce Analyzer

WCA provides fast answers for what took place

- ▶ Datamart built for Websphere Commerce data model
- ▶ Easy to use - no skills required
- ▶ Integrated into Websphere Commerce Accelerator
- ▶ Data extraction and scheduling is via DB2 Warehouse Center

WCA Advanced provides answers as to why those results took place

- ▶ Available as a separate orderable product
- ▶ Enables in-depth understanding of customer behavior to enable the ability to predict future customer behavior
- ▶ Highly customizable for advanced business analysis
- ▶ Data mining (IBM Intelligent Miner), multi-dimensional reports, advanced visualization
  - OLAP support through DB2 OLAP Starter Kit
- ▶ Enhanced data extraction and scheduling
- ▶ Enable customized extensions with published datamart schema and integrated reporting tools (BRIO)
- ▶ More information on WCA Advanced available at [www-4.ibm.com/software/data/bi/wca](http://www-4.ibm.com/software/data/bi/wca)



Included  
with  
WCBE v5.4



Separate  
Product

## Catalog and Content Management

- New Product Management function included in Commerce Accelerator
  - ▶ Allows management of the Master Catalog categories, products and base prices
  - ▶ Categories may be designated as optimized for use in contracts.
- WebSphere Catalog Manager bundled
  - ▶ Simplifies creation and management of information-rich navigational catalogs
  - ▶ Catalog data import and export
  - ▶ Boosts productivity during catalog design, construction and maintenance
- Content Management
  - ▶ Provide end-to-end solution for WCS customers
  - ▶ Key ISV partners: OpenMarket, Interwoven, & Vignette
  - ▶ Automates Web page creation and management
  - ▶ Allows reuse and repurposing of information
  - ▶ Manages all site assets and site versioning

## Search

- A search enabling framework and an API for easy customization and integration with existing sites
  - ▶ simple word, multi-word with boolean logic, wildcard
  - ▶ rich attributes (vertical schema)
  - ▶ parametric
  - ▶ 'quantity on hand search' tied to Inventory
- Convenient new search bean for searching which can be used on any JSP
- Enhancements to Product Advisor search tool to support powerful parametric searches either directly on the base schema or with special dedicated search tables.

# Security Enhancements

## System and Store Security

- ▶ Password Invalidation
- ▶ Merchant Key Change
- ▶ Logon Timeout
- ▶ Re-enter Password
- ▶ Cross-site Scripting Attack Prevention
- ▶ HTTP Request Tracing
- ▶ Access Logging

## User Authentication

- ▶ Account Lockout
- ▶ Password Policy Enforcement
- ▶ Password Hashing
- ▶ Password Reset Enhancement

Administration Tools can use a non-default port for firewall protection

# WebSphere Commerce Tools

## Catalog Creation/Update

- Loader Utility
- WebSphere Catalog Manager

## Store Archive Services

- Store Profile Editor
- Tax and Shipping Notebooks
- Store Publisher

## JSP Creation tools

- WebSphere Studio

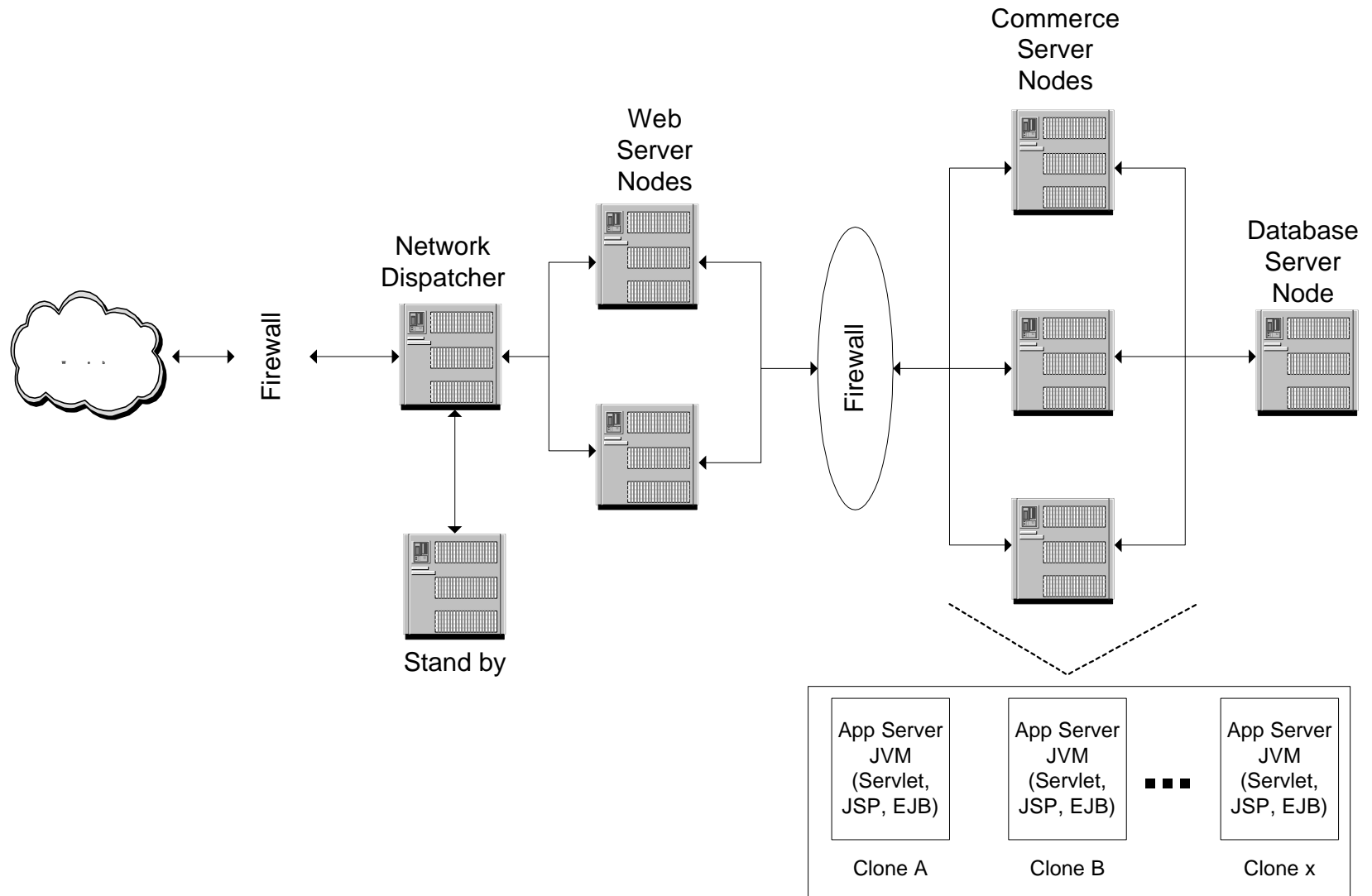
## Store Models / Samples

- B2B : ToolTech Store Model
  - Exploits BRM and ATP functionality
- B2C: NewFashion Store Model
  - Exploits ATP functionality

# Standards

- **Commerce Standards**
  - ▶ SET 1.0
  - ▶ ECML (Electronic Commerce Modelling Language)
- **System Standards**
  - ▶ **Server**
    - DES (depends on WAS)
    - Java 2 Enterprise Edition
    - JDBC 2.0
    - JNDI 1.2
    - JMS
    - Java Mail 1.1.3
    - JDK 1.2.2
    - JSP 1.1
    - XML
    - WML
    - iMode
    - HTTP
    - WAP
  - ▶ **Client**
    - HTML (depends on Browser)
    - Javascript 1.1 (depends on Browser)
    - WML

# System Configurations



# System Management

## Administration Console

- ▶ User and Group Management
- ▶ Performance Monitor
- ▶ Messaging Configuration
- ▶ Blaze Rules Administration

## Configuration, Monitoring, Tuning Tools

- ▶ WebSphere Application Server
- ▶ IBM HTTP Server
- ▶ DB2 UDB

## Tivoli Manager for WAS

- ▶ Operational tasks via centralized administration
- ▶ Distributed monitoring of performance and availability
- ▶ Event management with Tivoli Enterprise Console
- ▶ Tivoli Business Systems Manager instrumentation

# Development Environment

Windows NT and Windows 2000 platforms only

NLV in 10 Group 1 Languages

Bundled software for Business Developer Edition

- ▶ WebSphere Studio Advanced Edition v3.5.3
  - AppletDesigner
  - Debugger
  - Page Detailer
  - Macromedia Media Tools (30-day trial CD)
  - WebSphere Personalization
- ▶ Visual Age Java (VAJ) Enterprise Edition v3.5.3
- ▶ Brokat's Blaze Advisor Builder / Workbench V3.1.3, in Professional Developer Edition
- ▶ Brokat's Blaze Innovator V3.1.3, in Professional Developer Edition
- ▶ PerfectPhoto V1.0.1
- ▶ WebSphere Commerce Business Edition V5.1

## Operating System Platforms

- AIX V4.3.3 on RS/6000 and pSeries
  - Windows NT Server V4 SP6a
  - Windows 2000 V5 SP2 on Intel Servers
  - Sun Solaris V2.8 MU4 on SPARC or Ultra SPARC
  - OS/400 on iSeries
  - Linux on Intel Servers (TBD)
  - Linux for zSeries on IBM zSeries (TBD)
  - z/OS for zSeries (TBD)
- 
- ✓ Group 1 Languages on AIX, WinNT, W2K, Solaris, and iSeries
  - ✓ 128-bit Encryption key supported

# Supported Developers Software (1)

	AIX	WinNT	Win2000	Solaris
<b>WebSphere Application Server</b>	3.5.4	3.5.4	3.5.4	3.5.4
<b>Web Servers</b>				
IBM HTTP Server	1.3.12.2	1.3.12.2	1.3.12.2	1.3.12.2
Domino	5.05	5.05	5.05	5.05
Netscape iPlanet	4.1.7	4.1.7	4.1.7	4.1.7
Microsoft IIS <sup>(1)</sup>	n/a	4	5	n/a
<b>Web Browsers(for buyers/shoppers)<sup>(2)</sup></b>				
Netscape Communicator	4.6 up	4.6 up	4.6 up	4.6 up
Microsoft Internet Explorer	n/a	4, 5 up	4, 5 up	n/a
AOL	3, 4	3, 4	3, 4	3, 4
<b>VA Java Enterprise Edition</b>	3.5.3	3.5.3	3.5.3	3.5.3
<b>Directory Server<sup>(3)</sup></b>				
IBM Secureway LDAP	3.2.1	3.2.1	3.2.1	3.2.1
iPlanet Directory Server	4.1.2	4.1.2	4.1.2	4.1.2
<b>Database<sup>(4)</sup></b>				
DB2	7.1 FP2a	7.1 FP2a	7.1 FP2a	7.1 FP2a
Oracle 8i	8.1.7	8.1.7	8.1.7	8.1.7

(1) Certain limitations apply.

(2) CSA, Store Services, and Administrator Console Tools will run only on Windows IE V5.5 or above.

(3) Active Directory on Windows 2000 with Domino V5.05 via Engagement Services in implementations where Domino is used as web server.

(4) DB2 V7.2 and Oracle 9i are not supported because WAS V3.5.4 does not support them.

## Supported Developers Software (2)

	AIX	WinNT	Win2000	Solaris
<b>DB2 Text Extenders</b>	7.1	7.1	7.1	7.1
<b>Payment Manager</b>	3.1	3.1	3.1	3.1
SET Cassette	3.1	3.1	3.1	3.1
CyberCash Cassette	3.1	3.1	3.1	3.1
VisaNet Cassette	3.1	3.1	3.1	3.1
BankServ Cassette	1.1	1.1	1.1	1.1
<b>JDK/JRE Server</b>	1.2.2	1.2.2	1.2.2	1.2.2
<b>JDK/JRE Client/Tools</b>	1.2.2	1.2.2	1.2.2	1.2.2
<b>JSP Support (via WAS)</b>	1.1	1.1	1.1	1.1
<b>XML4J</b>	2.0.15	2.0.15	2.0.15	2.0.15
<b>JavaMail</b>	1.1.3	1.1.3	1.1.3	1.1.3
<b>Brokat's Blaze Advisor Builder</b>	3.1.3	3.1.3	3.1.3	3.1.3
<b>Brokat's Blaze Innovator</b>		3.1.3	3.1.3	
<b>Brokat's Rule Server</b>		3.1.3	3.1.3	
<b>MacroMedia LikeMinds</b>	5.2.1	5.2.1	5.2.1	5.2.1
<b>Lotus Sametime</b>	n/a	2.0	2.0	n/a
<b>Lotus QuickPlace</b>	n/a	2.0	2.0	2.0
<b>Perfect Photo</b>	n/a	1.0.1	1.0.1	n/a
<b>WC Analyzer</b>	n/a	5.1.1	5.1.1	n/a
<b>WebSphere Studio Advanced Edition</b>	n/a	3.5.3	3.5.3	n/a

# Supported Production Software (1)

	AIX	WinNT	Win2000	Solaris
<b>WebSphere Application Server</b>	4.0	4.0	4.0	4.0
<b>Web Servers</b>				
IBM HTTP Server	1.3.12.2	1.3.12.2	1.3.12.2	1.3.12.2
Domino	5.05	5.05	5.05	5.05
Netscape iPlanet	4.1.7	4.1.7	4.1.7	4.1.7
Microsoft IIS <sup>(1)</sup>	n/a	4	5	n/a
<b>Web Browsers(for buyers/shoppers)<sup>(2)</sup></b>				
Netscape Communicator	4.6 up	4.6 up	4.6 up	4.6 up
Netscape Navigator	4.04, 4.5 up	4.04, 4.5 up	4.04, 4.5 up	4.04, 4.5 up
Microsoft Internet Explorer	n/a	4, 5 up	4, 5 up	n/a
AOL	3, 4	3, 4	3, 4	3, 4
<b>VA Java Enterprise Edition</b>	3.5.3	3.5.3	3.5.3	3.5.3
<b>Directory Server<sup>(3)</sup></b>				
IBM Secureway LDAP	3.2.1	3.2.1	3.2.1	3.2.1
iPlanet Directory Server	4.1	4.1	4.1	4.1
<b>Database<sup>(4)</sup></b>				
DB2	7.1 FP3	7.1 FP3	7.1 FP3	7.1 FP3
Oracle 8i	8.1.7	8.1.7	8.1.7	8.1.7

(1) Certain limitations apply.

(2) CSA, Store Services, and Administrator Console Tools will run only on Windows IE V5.5 or above.

(3) Active Directory on Windows 2000 with Domino V5.05 via Engagement Services in implementations where Domino is used as web server.

## Supported Production Software (2)

	AIX	WinNT	Win2000	Solaris
<b>DB2 Text Extenders</b>	7.1	7.1	7.1	7.1
<b>Payment Manager</b>	3.1	3.1	3.1	3.1
SET Cassette	3.1	3.1	3.1	3.1
CyberCash Cassette	3.1	3.1	3.1	3.1
VisaNet Cassette	3.1	3.1	3.1	3.1
BankServ Cassette	1.1	1.1	1.1	1.1
<b>JDK/JRE Server</b>	1.2.2	1.2.2	1.2.2	1.2.2
<b>JDK/JRE Client/Tools</b>	1.2.2	1.2.2	1.2.2	1.2.2
<b>JSP Support (via WAS)</b>	1.1	1.1	1.1	1.1
<b>XML4J</b>	2.0.15	2.0.15	2.0.15	2.0.15
<b>JavaMail</b>	1.1.3	1.1.3	1.1.3	1.1.3
<b>Brokat's Blaze Advisor Builder</b>	3.1.3	3.1.3	3.1.3	3.1.3
<b>Brokat's Blaze Innovator</b>		3.1.3	3.1.3	
<b>Brokat's Rule Server</b>		3.1.3	3.1.3	
<b>MacroMedia LikeMinds</b>	5.2.1	5.2.1	5.2.1	5.2.1
<b>Lotus Sametime</b>	n/a	2.0	2.0	n/a
<b>Lotus QuickPlace</b>	n/a	2.0	2.0	2.0
<b>Perfect Photo</b>	n/a	1.0.1	1.0.1	n/a
<b>WC Analyzer Entry</b>	n/a	5.2	5.2	n/a
<b>WebSphere Studio Advanced Edition</b>	n/a	3.5.3	3.5.3	n/a

## Bundled Software

- IBM WebSphere Application Server Advanced Edition V3.5.4
- IBM HTTP Server V1.3.12.2
- IBM SecureWay Directory Server V3.2.1
- IBM DB2 UDB EE V7.1 Fixpack 2a
- IBM DB2 UDB Extenders V7.1
- Brokat's Blaze Rules Server V3.1.3
- Brokat's Blaze Innovator V3.1.3
- IBM WebSphere Commerce Analyzer V5.1.1 (WinNT only)
- Brio Broadcast Server V1.0 Reporting Runtime (WinNT only)
- Macromedia LikeMinds V5.2.1
- IBM WebSphere Payment Manager V3.1
  - SET Casette V3.1
  - CyberCash Casette V3.1
  - BankServ Casette V1.1
- Segue SilkPreview (runs on WinNT and Win2000 only)

# National Language Support

## Available in the Group 1 Languages

- ▶ English
- ▶ Traditional and Simplified Chinese, Japanese, Korean
- ▶ Spanish, French, German, Italian, Brazilian Portuguese

DBCS, Bidi, Thai, Hindi

Unicode (except OS/390)

PRC GB18030 Standard

## Translated Items

- ▶ Online Help, PDFs, Tutorials, GIFs
- ▶ Server Messages
- ▶ Development Tools
- ▶ Commerce Suite Accelerator Tools (including Operational/Administration tools)
- ▶ Sample HTML, macros, data fields, database creation scripts
- ▶ Readme and Licence files
- ▶ Packaging Materials

## Not Translated

- ▶ Server trace (java console and debug messages)
- ▶ Brokat's Blaze and MacroMedia documentation

# Compatibility and Migration

From / To New Release	Dev	Pro Dev	Start	Pro	Business Edition
V5.1 Start			Yes	Yes	Yes
V5.1 Pro				Yes	Yes
V5.1 Dev	Yes	Yes			
V5.1 Pro Dev		Yes			
V4.1 Start			Transition	Transition	Transition
V4.1 Pro				Transition	Transition
V4.1 Dev	Transition	Transition			
V4.1 Pro Dev		Transition			

## Links for More Info

- **Looking for information on Business Edition updates...go to** <http://w3.ibm.com/software/websphere> (available Sept 17)

September 18 Announcement Sales Guide content includes:

- ▶ Features/Benefits!!!
- ▶ FAQs
- ▶ Links to latest Business Edition features
- ▶ Key ISVs/partners
- ▶ Link to WCS Community Site & Education's
- ▶ B2B Sales Presentation
- ▶ B2B Brochure
- ▶ Business Edition Product Sheet
- ▶ Catalog Manager Product Sheet
- ▶ Business Edition white paper

- **Related URLs:**

- ▶ WCS Community:  
<http://www.ibm.com/software/websphere/commerce/community>
- ▶ **Business Partners:** <http://www.ibm.com/websphere/partners>

# WebSphere Commerce Business Edition

e-rooms Virtual Teaming	<b>Quickplace Collaboration Feature</b>	Document Sharing Discussion Forums
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Live Chat Live Decision-Making	<b>Sametime Collaboration Feature</b>	Live Customer Help Live Negotiations
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ROLAP Reporting Customized Reports	<b>WebSphere Commerce Analyzer, Advanced</b>	Data Mining Drill-down
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WebSphere Commerce	
<p><b>Pro V5.1</b></p> <ul style="list-style-type: none"> <li>• Business Manager Interface for merchandising, marketing</li> <li>• Customer Service</li> <li>• Globalization Infrastructure</li> <li>• WAS, HTTP Server, Secureway, DB2</li> <li>• Store Model, Shopping Cart Functionality</li> <li>• Rules-based personalization</li> <li>• Auctions</li> <li>• Entry Reporting</li> <li>• Payment Management</li> <li>• VAJ, Studio (Dev Version Only)</li> </ul>	<p><b>Business Edition V5.1</b></p> <ul style="list-style-type: none"> <li>• Business Relationship Manager</li> <li>• Contract pricing, catalog views, terms &amp; conditions</li> <li>• Catalog Management</li> <li>• Advanced Order Management:</li> <li>• Advanced User Management</li> <li>• Granular Access Control</li> <li>• Single-Seller RFQ</li> <li>• Requisition Lists</li> <li>• B2B Store Model</li> <li>• + all from Pro Edition</li> </ul>

Business Processes Messages	<b>WebSphere Commerce Integraton Enablement</b>	Connectors Integration Methodology
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**Prime-time Business Solution**

- ✓ Global / multi-cultural e-commerce
- ✓ Speed and depth of integration
- ✓ Anytime, anywhere access
- ✓ Customizable and flexible
- ✓ Secure, reliable, and scalable
- ✓ Strengthen business relationships
- ✓ Increase customer loyalty
- ✓ Quick Rol and cost savings

*Fast ...*  
*Flexible ...*  
*Fearless !*

