IBM WebSphere Host Integration Solution

Start Simple...Grow Fast.

Agenda

- Introduction
- Sales Objectives
- What the Experts Say
- Solution Overview
- Solution Benefits
- Competitors
- Customer Success Stories
- Summary

Objectives

◆ By the end of today's teleconference you should know:

- What WebSphere Host Integration is and how it can work for you and your customers
- What the products/solution offerings are today
- Solution benefits for WebSphere Host Integration
- Major competitors with WebSphere Host Integration products
- Customer success stories where WebSphere Host Integration has been successful

What the experts say...

"The Web-to-host market is continuing on its significant growth path, with revenues rising 113.6% to $240.0 million in 1999. Explosive growth will continue, with revenue reaching $1.5 billion in 2004."

"U.S..... remote and mobile population in 1999 was expected to reach 35.7 million, and it will continue to grow at a 6.7% compound annual growth rate (CAGR) over the next five years.   Smart handheld devices, pagers, and cellular phones as key mobile devices in various industries and for regular business use will provide new market opportunities for Web-to-host vendors."

Lucinda Borovick, International Data Corporation, IDC Bulletin #22447 - June 2000
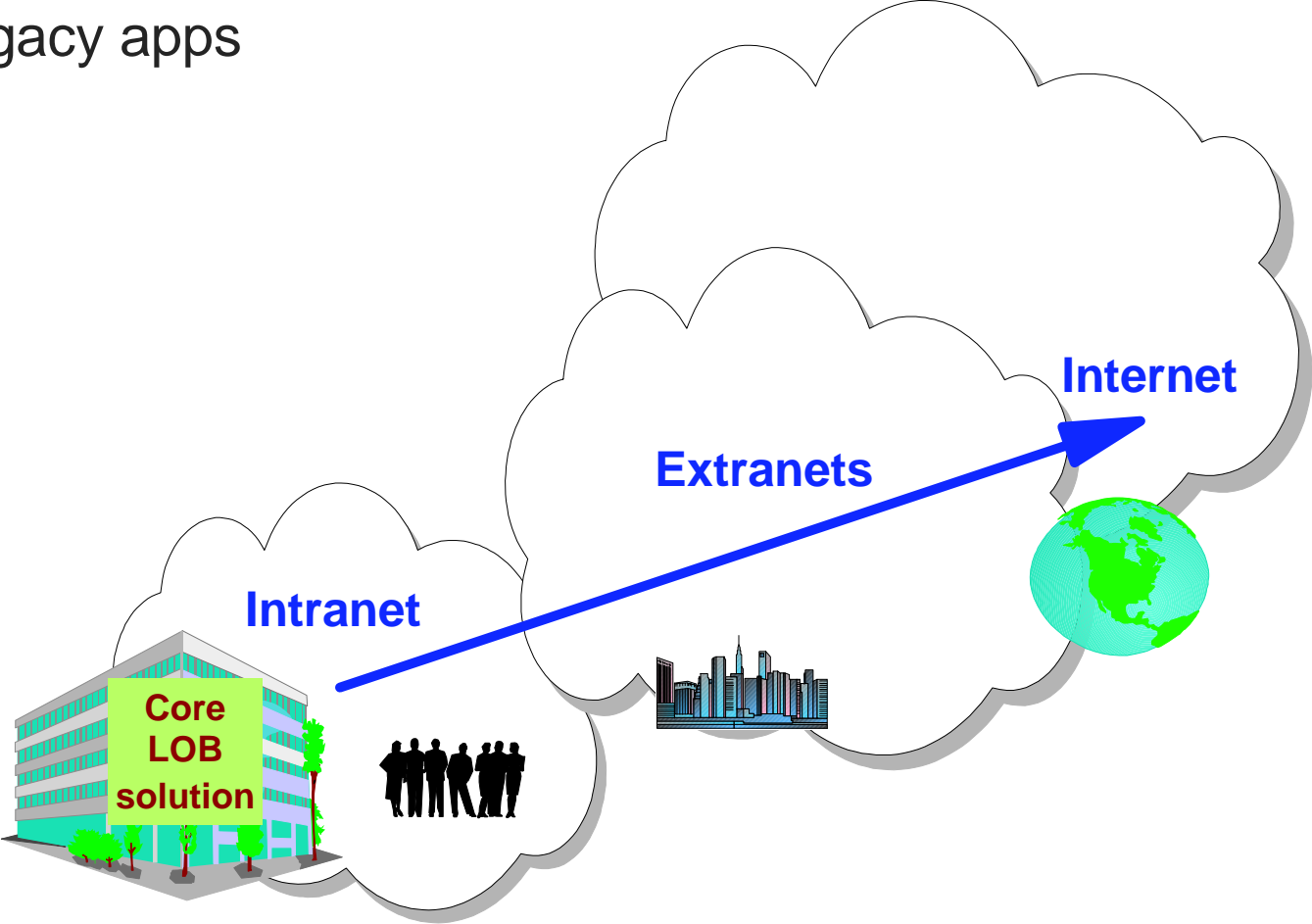
e-business strategy

- 70% of applications and data reside on host systems
- Recent eWeek article found 68% of spending is integration with legacy apps

Internet

Extranets

Intranet

Core LOB solution

Line-of-Business business tracking and accounting solutions	"Front Office" business operations solutions: Supply Chain Mgmt, Customer Relationship Mgmt, e-Commerce

Enable integrated e-business solutions that transform key business processes with Internet technologies

e-Business Challenges

- How do I reduce complexity of implementing new e-business solutions?

- How do I leverage my current investments while positioning my business to take advantage of the e-business marketplace?

WebSphere Host Integration Solution

✓ **Value**

- Help protect and extend investment
- Improve user productivity
- Secure, scalable and multiplatform
- Fastest most cost effective way to integrate host applications with the Web
- Leverage the WebSphere Software Platform Solutions

✓ **IBM Personal Communications**

Professional emulation

✓ **WebSphere Host On-Demand**

Java emulator installed on a server and accessed from a web browser

✓ **IBM Screen Customizer**

For existing application rejuvenation to a dynamic graphics interface

✓ **WebSphere Host Publisher**

For existing application integration with WebSphere e-business applications

✓ **Host Access Toolkit**

Host Access Beans for Java, Host Access Class Library, tools for host integration into application development projects

✓ **IBM Communications Server**

SNA gateway and TN Server

✓ **WebSphere Application Server**

Application web server providing a multi-discipline development environment with web management tools
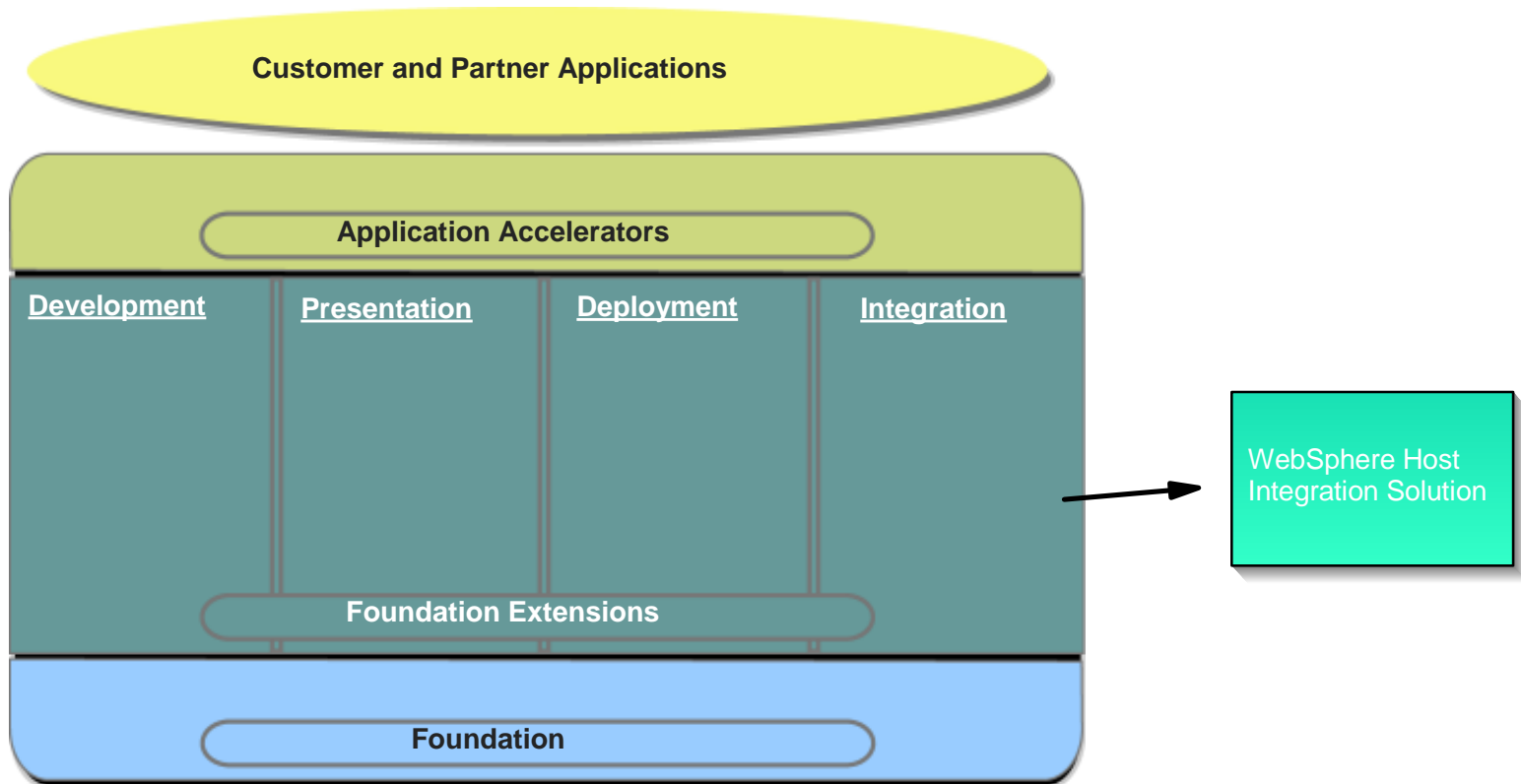
✓ **WebSphere Studio**

Web application designer providing a suite of tools to design, develop and publish web sites with dynamic applications
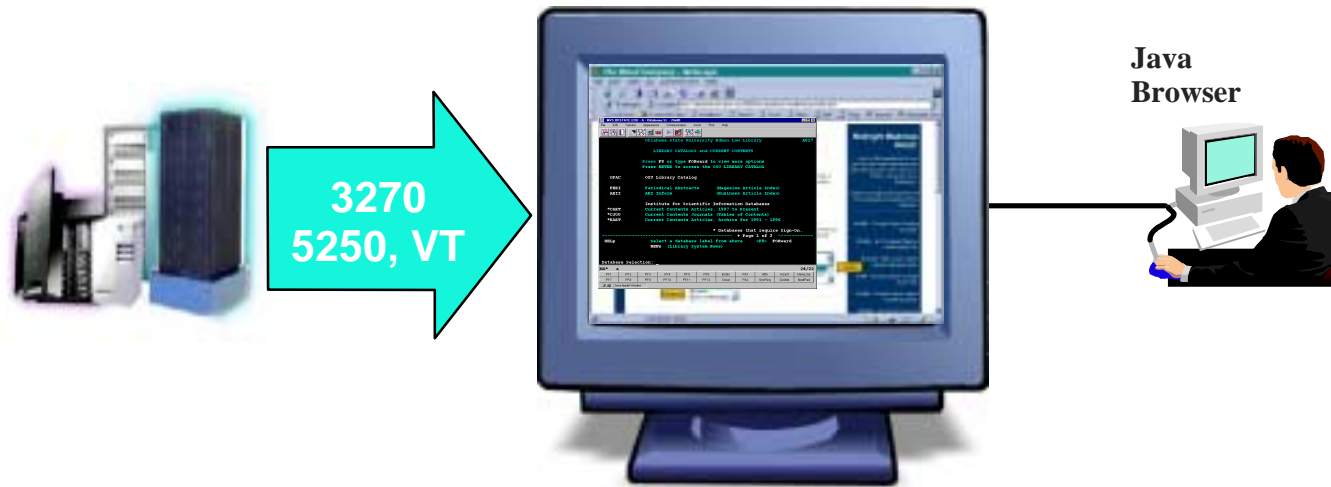
WebSphere Software Platform

Customer and Partner Applications

Application Accelerators

Development	Presentation	Deployment	Integration

Foundation Extensions

Foundation

WebSphere Host Integration Solution
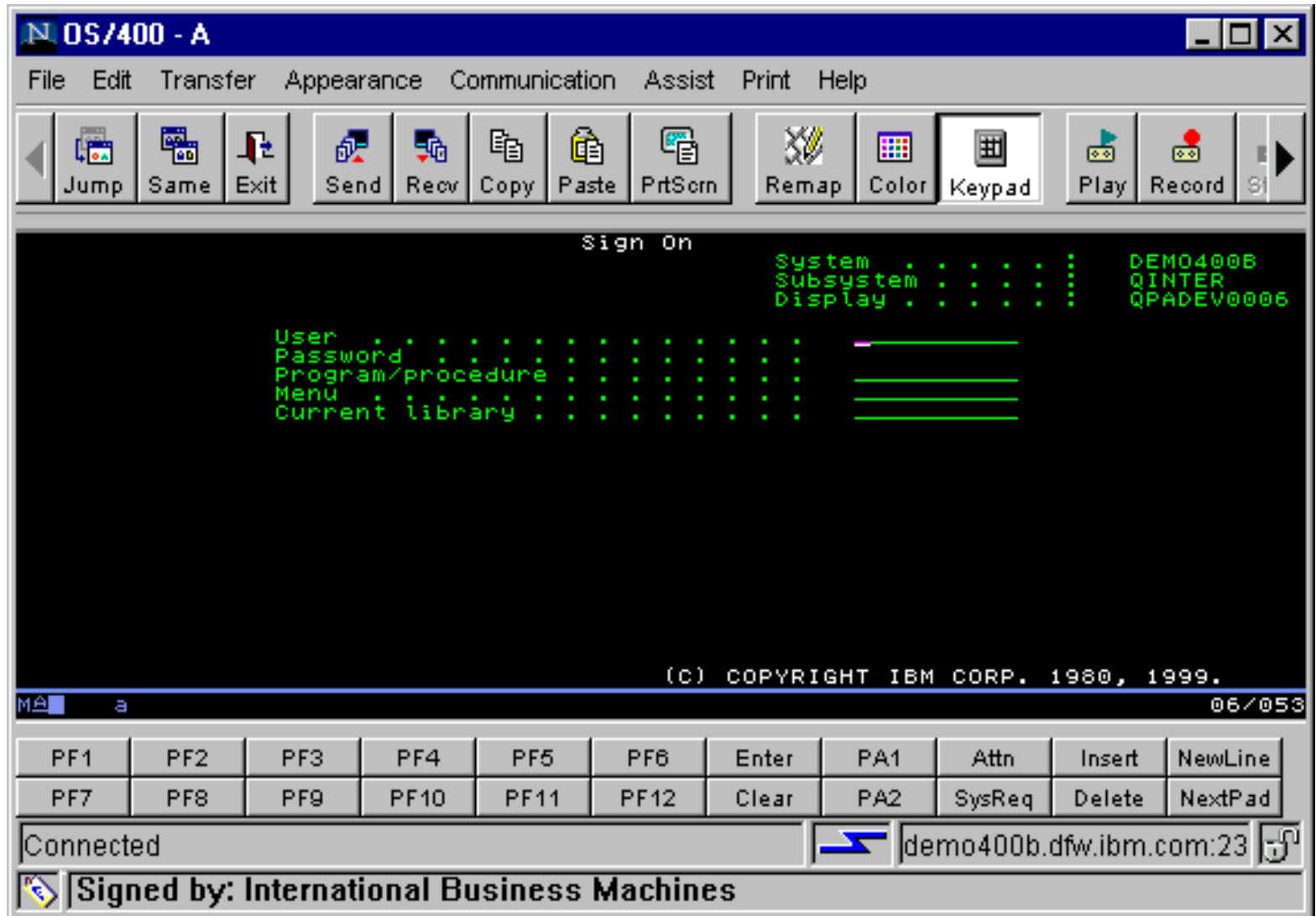
WebSphere Host On-Demand*

3270 5250, VT

Java Browser

Java Emulation

- Extends host application reach to new users
- Reduces I/T costs through centralized install and administration
- Supports client and server platforms of choice
- SSL based security including client and server authentication
- Requires no middle-tier server

*Available through the Host Access Client Package or the WebSphere Host Integration Solution Package

Host On-Demand ... "Green Screen"

Host On-Demand ... Default GUI
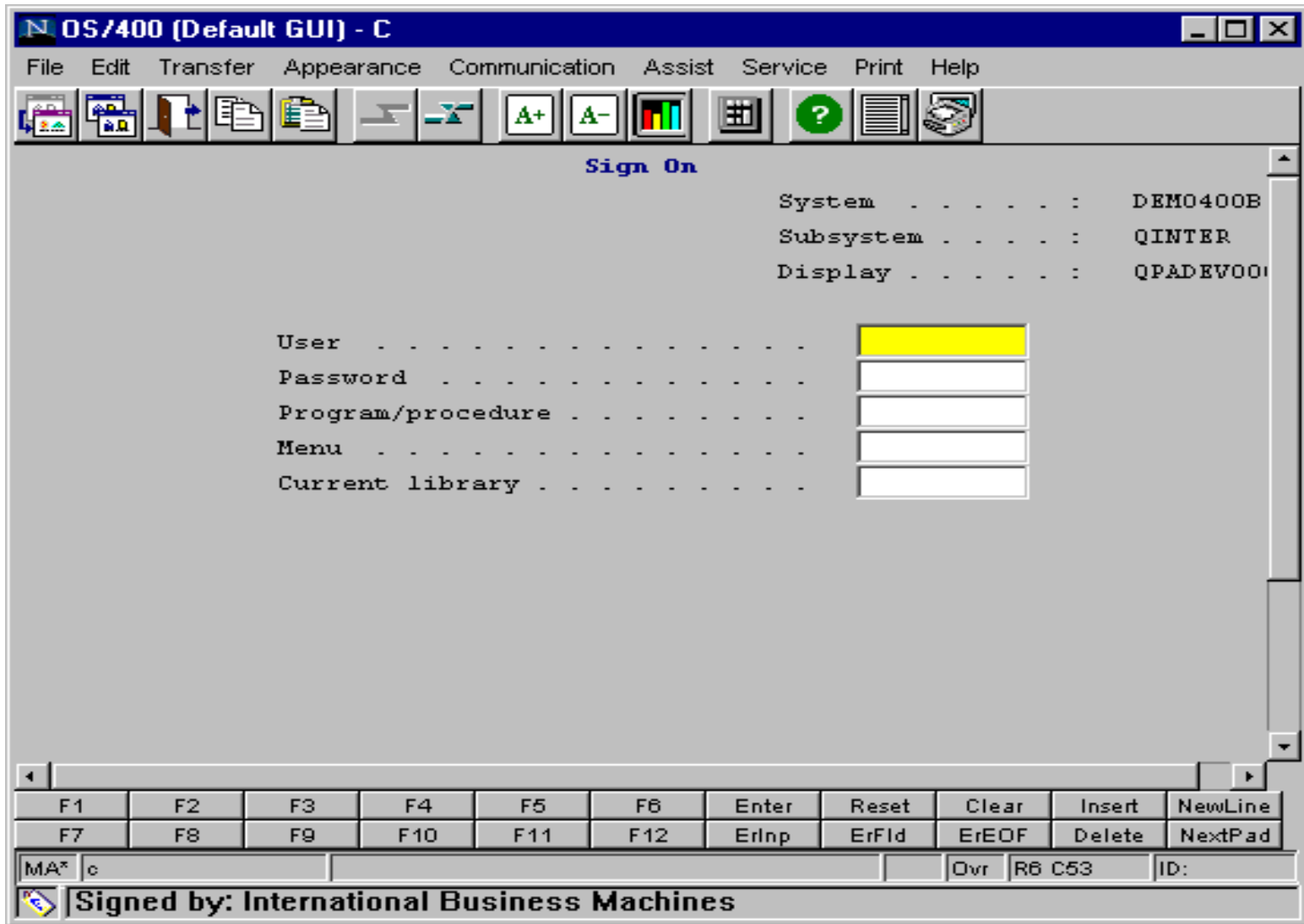
Host On-Demand with Screen Customizer

WebSphere Host Publisher*

3270, 5250, VT, Java, JDBC

UNIX

S/390

AS/400
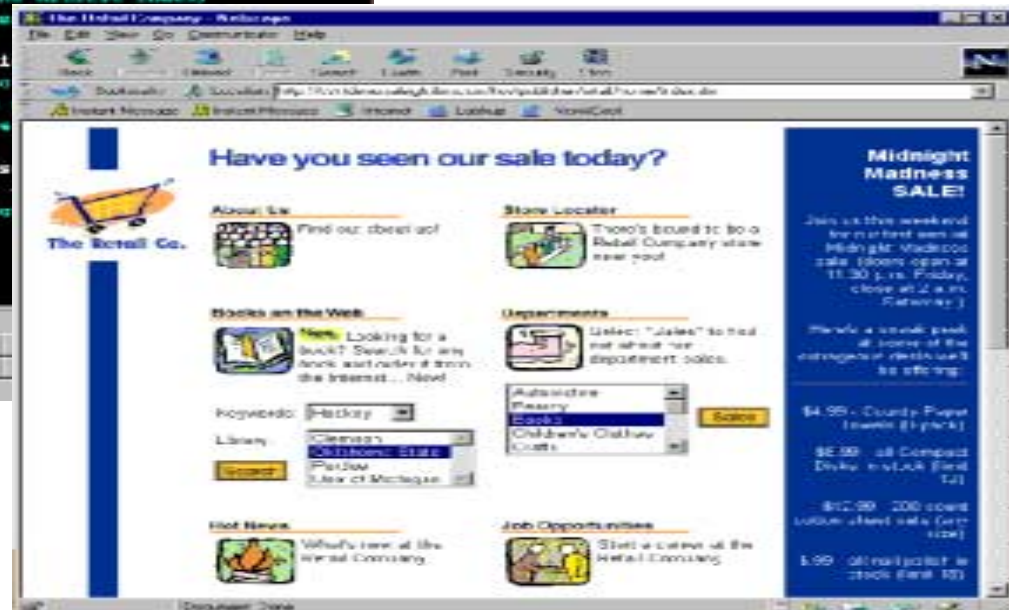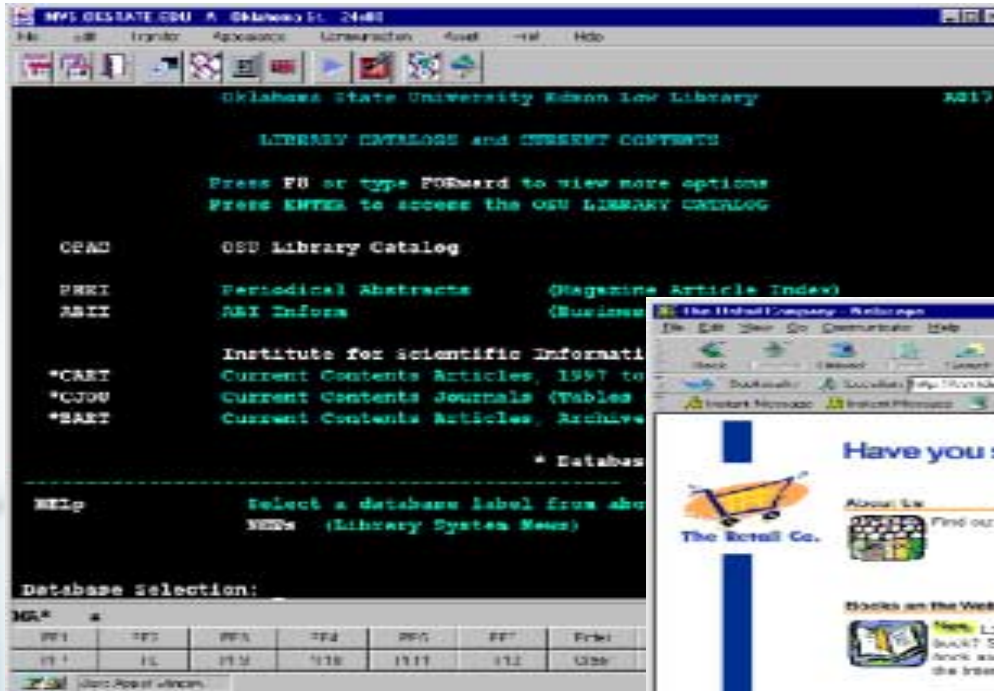
JDBC

HTML Web browser

Host Publishing

- **Extends legacy applications to web browser users and new e-business applications**

- **Supports HTML, XML and Java access to legacy applications**

- **Protects and leverages existing I/T investments**

- **Easily create composite applications by integrating multiple host sources into a single HTML page or Java interface**

*Available through the WebSphere Host Integration Solution Package, and Sold Separately
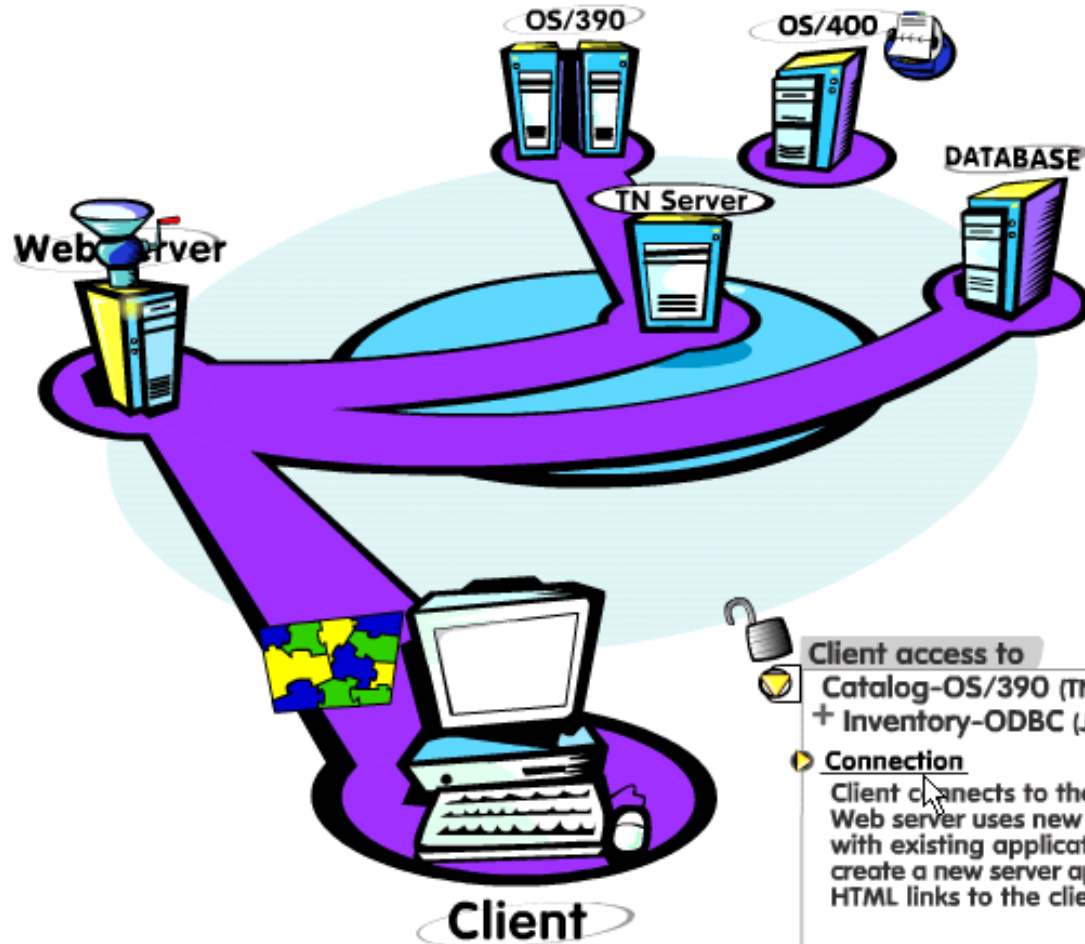
Combine multiple host applications into a single HTML Web page

WebSphere Host Publisher

WebSphere Host Publisher

Host Publisher Studio
➤ simple interface
➤ creates Host Integration Objects

Host Publisher Server
➤ Run-time for Integration Objects
➤ A WebSphere Application!

Wizard to create JSPs for rapid HTML views of host info

Host Integration Objects

WebSphere Host Publisher

- WebSphere Host Publisher Wizards creates Host Integration Objects
- Integration Objects are JavaBeans
- Integration Objects contain the knowledge of an existing Host Application:
  - Host Access
  - Navigation
  - Data Extraction
  - Session Management
- Integration Objects are portable JavaBeans - easy integration into other applications

Get to Web Fast and Preserve Legacy Assets

Host Applications

The Web

EJB

Applets

Applications   Servlets
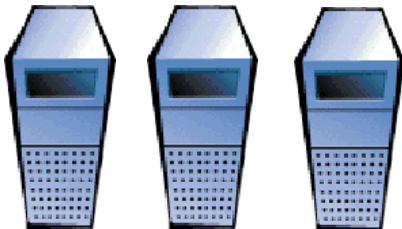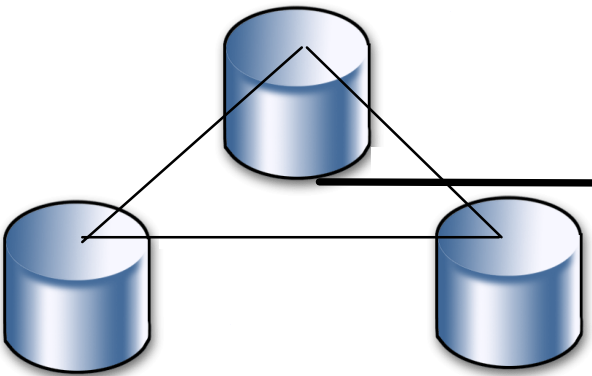
WAS

Host Application Knowledge Repository

Host Integration Development

■ Options

- **Host Access Beans for Java**
  - Allows drop in emulation function and a simple interface to programming host interactions

- **Host Access Class Library**
  - Modern, object based API for host communication

- **HOD Connector**
  - Common Connector Framework compliant form of HACL technology

- **Host Publisher**
  - Accelerate integration of host applications by capturing host application information in a Java Bean for easy integration into WebSphere/VAJ development projects

Extensive e-business Application Support

Host Integration Application
Development Tools

Host Access Java Beans
Host Publisher Integration Objects
HOD Connector
Host Access Class Library

VisualAge for Java Enterprise

Other Java IDEs

WebSphere Application Server

Other Web application servers
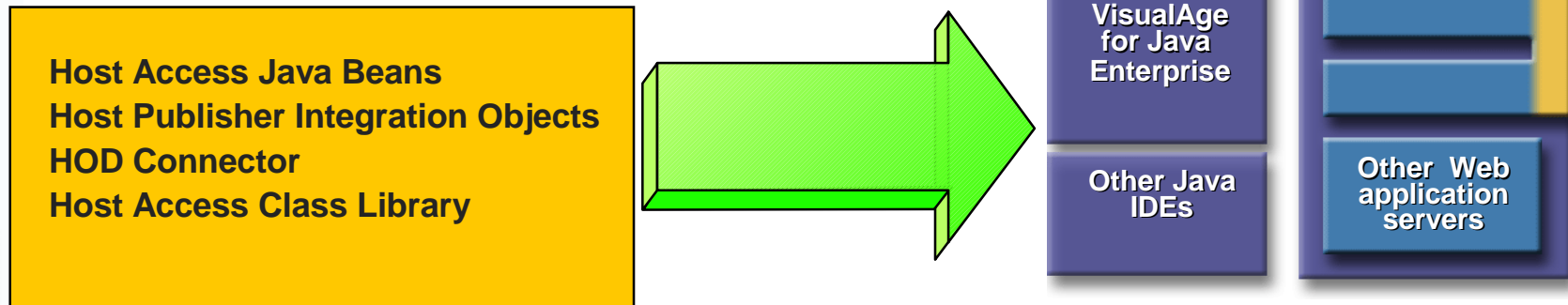
- ISVs, SIs, and corporate developers can quickly respond to business pressures and capitalize on new market opportunities
  - ✓ Modernize legacy applications
  - ✓ Extend desktop applications with host connectivity
  - ✓ Write host access applications once and use across network environments
- Host Access Beans are key to IBM connector strategy
- Host Publisher leverages and integrates with WebSphere strategy
- Both client and server application models are supported

What are the Products and Solution Offerings?

One Stop Shopping for Emulation

Host On-Demand V5.0

Personal Communications V5.0

Personal Communications OS/2 V4.3

Screen Customizer V2.0
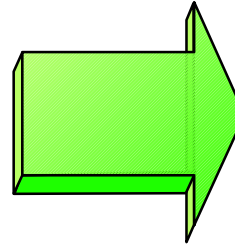
IBM Host Access Client Package 1.0

- **Only complete emulation and screen rejuvenation solution in the market**
- **Offers convenience to migrate to Web at own pace**
- **Unlimited use of Screen Customizer Studio**
- **Registered user pricing**
- **Current Personal Communications/Host On-Demand Bundle subscriptions will automatically get new content for no charge**
- **Host Access Client Package v1.1, GA's 3/28/01. Refresh with maintenance code and other features**

WebSphere Host Integration Solution Offering v2.0

Host On-Demand

Personal Communications

Screen Customizer

+
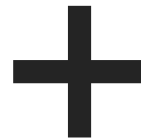
Host Publisher

Communications Server

WebSphere Application Server Advanced Edition

WebSphere Studio Professional Edition

- **Provides clear migration path as customers grow their e-business**
- **Simplifies creation and deployment of advanced e-business applications**
- **Leverages features of WebSphere software platform to enable customers to respond quickly to new market needs**

What's New with WebSphere Host Integration

	2000 Enhancements	Date Available
Host Integration Solution Offering 2.0	• WebSphere Application Server Advanced Edition V3.5 • WebSphere Studio Professional Edition • IBM Screen Customizer V2.0 - runtime and Studio	1Q2001
Host Access Client Package 1.0	• WebSphere Host On-Demand V5.0 • IBM Personal Communications V5.0, and V4.3 for 0S/2 • IBM Screen Customizer V2.0 - runtime and Studio	Available Now
Host Access Client Package 1.1	• WebSphere Host On-Demand V5.03: FTP client; extended VT • IBM Personal Communications V5.01, and V4.3 for 0S/2 • IBM Screen Customizer V2.03 - runtime and Studio	1Q2001

How You Sell Host Integration Client Solutions

1Q2001*

- WebSphere HI V2 - $450/$270 (C)
  - ‣ Host On Demand 5.0
  - ‣ Host Publisher 2.2.1
  - ‣ Communication Servers
  - ‣ Screen Customizer. Runtime + Studio
  - ‣ WS App Server Adv. Edition 3.5
- WebSphere HI V2 - $360/$180 (R)
  - ‣ Personal Communications - 5.0, 4.3 for OS/2
  - ‣ Host On Demand 5.0
  - ‣ Host Publisher 2.2
  - ‣ Communication Servers
  - ‣ Screen Customizer. 2.0 Runtime + Studio
- IBM Host Access Client Package - $299/$159 (R)
  - ‣ Personal Communications for WIN, OS/2 (5.0, 4.3)
  - ‣ Host On Demand 5.0
  - ‣ Screen Customizer 2.0 Runtime + Studio

GA 2/01

(R) - SRP registered pricing for new user/trade-up
(C) - SRP concurrent pricing for new user/trade-up

Notes:
- Firewall will not be included in Version 2 of Host Integration Solution Offering.

*HOD V5 and Screen Customizer V2 will not be announced as standalone products. Will announce withdrawal of Personal Communications V5.0, HOD V4.0, and Screen Customizer V1.0 standalone products January 2001.   ***US Dollars shown for Comparison***

Sample Host Integration Questions

Qualifying Questions for...

Marketing/Sales VPs, Product and Customer Service Managers:

- ►Have you considered expanding your business using the capabilities of the Web?
- ►Are you concerned that a competitor may gain a competitive advantage by expanding their business to the web before you can?
- ►Do your employees have easy access to the information they need to make decisions?
- ►Are your customers satisfied with the level of service you're delivering?
    - ►Are you having difficulty retaining customers?
- ►Has recent merger or acquisition severely impacted your company's operations?

Qualifying Questions for...

I/T VPs, Directors and Managers:

- ►Are you looking for ways to extend your applications to...
    - Your customer ?
    - Citizens?
    - Your Business Partners ?
- ►What is your plan for moving information and functions to the Web? What is your timetable and budget?
- ►Do you have to support mobile employees and are there applications/data that they need but can't access currently or productively?
- ►Is it expensive for you to provide SW maintenance on your end users' emulators?
- ►Would you like to reduce training and help line costs by streamlining and modernizing existing applications?
- ►Do you have to support multiple vendors' emulators, communications servers and multiple network types?

Qualifying Questions for...

CFOs, Financial VPs:

- ►Would you like to extend the reach of your information to the Internet with a minimum of time and cost?
- ►Would you like to better manage your desktop software, networking, training and help desk costs?
- ►Would you like to improve clerical productivity by making employee-driven applications into self-service applications?

What are the Solution Benefits?

Solution Benefits

- **Enable customers to start simple and grow their e-business fast, leveraging host data with new web applications to maximize ROI**

  - ► Host On-Demand, Screen Customizer, and Host Publisher require no changes to existing applications and no additional programming
  - ► The WebSphere Host Integration Solution is integrated into the WebSphere Software platform, a comprehensive set of award winning solutions that enable you to quickly adapt to new market demands
  - ► Integrates and works with WebSphere Transcoding Publisher to deliver host data to any pervasive device

Solution Benefits

- **Provide everything customers need to create and deploy host access e-business solutions, in a single offering**
  - ► The solution now includes both WS Application Server Advanced Edition and WS Studio Professional edition, which can be used with any of the Host Integration programming technologies (Java beans, Host Access Class Libraries, IBM Connectors) to integrate host access with new business logic.
  - ► You can deliver dynamic host content using Java servlets, JavaServer Pages, XML technology, and Enterprise JavaBeans components.
  - ► The new Screen Customizer API enables you to enhance host applications with new business logic. The new Screen Customizer Java beans enable you to provide custom host access from e-business applications.
  - ► Host Publisher XML Gateway extends host applications and data to customer applications

Solution Benefits

- **Offer industry leading host access solutions with unmatched flexibility for any environment**
  - ► Supports Java, HTML, and XML formats for delivery of host data from multiple sources, such as OS/390, OS/400, VT and databases.
  - ► Now includes both the Screen Customer runtime and Screen Customer Studio in both the Host Integration Solution offering and Host Access Client package.
  - ► The Host Access Client Package enables customers to easily move from Personal Communications to Host On-Demand without having to make a separate purchase.
  - ► With HOD V5.0, customers have the ability to choose the specific Host On-Demand features to deploy to particular users.

Customer Success Stories

Customer Success Story

- **Name: Blue Cross/Blue Shield - NJ**
  - Industry: Insurance
  - Pain: How to provide access to member hospitals without the growing cost of rented SNA Lines
  - Solution: Delivered Host On-Demand - Green screen emulator to member hospitals, a great ROI and only needed browsers and a few dollars a month for internet access.

Customer Success Story

- **Name: Hawaii State Judiciary**
  - ► Industry: Government
  - ► Pain: Legal documents needed for the judicial family court system, currently their staff onsite was having difficulty managing the requirements. Would need to staff up administration to continue with demand. Had to go on site with limited business hours to get information, copy, etc.
  - ► Solution: Host On-Demand provided a quick easy secure solution, allowing 300-500 visits a day, making the records available 24/7

Customer Success Story

- **Name: Superior Essex - USA**
  - ► Industry: Wire and Cable Manufacturer with factories in- Mexico
  - ► Pain: Needed to distribute information between the two country's with english and spanish languages were spoken to the manufacturing plant and the solution needed to include bilingual user interfaces to deliver a solution to operate in a new e-Business Web environment.
  - ► Solution: Used Host Publisher with the OS/390 CICS applications, leveraged existing information on their mainframe, using XML files and JavaBeans to deliver the HTML solution to the Web browsers.

Customer Success Story

- **Name: Honeywell - USA - Aircraft Landing Systems**
  - ▸ Industry: Manufacturing - Aircraft
  - ▸ Pain: Legacy data - how to build integrated solutions that rapidly extend this information to the Web. They wanted to put an architecture in place that would enable us to wrap legacy business data and rules, then use that layer as they migrated their own customized applications to the Web.
  - ▸ Solution: By using Visual Age for Java in combination with technologies such as WebSphere App.Server, WebSphere Host On-Demand, and MQSeries, IBM delivered the flexibility in software development and management to meet the business objectives on any platform and still have access to legacy business rules and data

Additional Host Integration References

References	Geography	Industry	Product/Solution	Published Reference
Sherwin Williams Argentina	Latin America	Chemicals and Petroleum	Host On-Demand	05/05/00
BrightPod	North America	Bus Partner	WebSphere Transcoding Publisher	10/20/00
Banco del Gattardo	EMEA	Retail Banking	PCOMM	01/04/00
Sumitomo Trust and Banking	Asia Pacific	Retail Banking	Host Publisher	03/29/00
Sterling Corporation	North America	Wholesale Distribution & Services	Host On-Demand	10/27/00
Deutscher Ring	EMEA	Insurance	Host On-Demand/ Screen Customizer	11/17/00

Next Steps

- **What should a partner do to build a host integration practice...**
  - commit technical staff to education / certification path
  - commit sales staff to sales training
  - build business plan with channel rep / BPSM
  - commit to having a technical support infrastructure
  - commit to a process for managing leads
  - commit to a measurement system

Key Services

- **Proof of Concept**
  - Demonstrate Web-to-host capabilities of any IBM client application within 5 days

- **Prototyping**
  - Develop application prototypes or demo code

- **Custom Engagements**
  - Solution Analysis
  - Full Implementation Services

- **Business Partner Consulting**
  - Assist in building a successful Host Integration services practice
  - 80+ firms

- **CS/390 Based and Custom Support Services**
  - CS/390 design and implementation
  - Migration planning for customers moving to e-business

Marketing and Support

- **CoMarketing**
  - Seminar in a Box
  - Co-funded Seminars
  - e-seminars
- **Sales Enablement/Support**
  - Solution Selling Resource CD
  - HI Executive Assessment
  - Monthly "What's Hot in HI" Conf Call
- **Technical Support**
  - Pre-sale Support - PartnerLine
  - Post-sale Support -SupportLine

Enablement

- Education: IBM Learning Services
  - Web-to-Host E4480   (HOD,SC and HPub)
  - Host On-Demand and Screen Customizer Workshop (Future)
  - Host Publisher Workshop (Future)
- Distance Learning - Web Based Training
  - Host Publisher Tutorial
    - www-4.ibm.com/software/network/hostpublisher/education/webbook/
  - HOD/SC Tutorial
- Education: One on Many Mentoring (Raleigh)
  - Host Publisher Advanced Topics Workshop

  - Screen Customizer Advanced Topics Workshop
- Certification
  - HOD/SC Certified Specialist (available YPWP for E4480 class)
  - Host Publisher Certified Specialist
  - Host Integration Certified Solution Specialist

Additional Resources

- SW Partner Program
  - ▸ www.ibm.com/software/partnerweb
  - ▸ www.ibm.com/partnerworld
- Partnerinfo
  - ▸ partnerinfo.software.ibm.com
  - ▸ User ID and Password required
- Host Integration
  - ▸ www.ibm.com/software/network/hostintegration

- IBM On-line Technical Support
  - ▸ www.ibm.com/support
- Not For Resale (NFR) code
  - ▸ www.bpops.com
  - ▸ User ID and Password Required
- Host Integration Preview Kit - GK2T-2047

  - ▸ Product Specification Sheets and Demo CD

Summary

- You can help solve pressing business problems with the IBM WebSphere Host Integration solution
  - ► Quickly, practically, affordably
  - ► With flexibility for the future
- You can leverage existing investments in current applications and data
- WebSphere Host Integration is an excellent entry strategy to move customers to e-business now
- For more information on IBM WebSphere Host Integration, visit the following website:
  - ► http://www.ibm.com/software/webservers/ hostintegration
  - ► http://www.ibm.com/software/webservers/
  - ► http://websphere.dfw.ibm.com/whidemo/

Resources for additional Information

- **http://www.ibm.com/software/webservers/hostintegration/**

  (Product/solution information - WebSphere Host Integration Solution and WebSphere Software Platform)

- **http://www.ibm.com/software/webservers/**

  (WebSphere Solutions)

- **http://websphere.dfw.ibm.com/whidemo/**

  (Host Integration demo)

- **http://w3.software.ibm.com/sales/aim/prod/hostintegration/competition/**

  (Current competitive information)

- **http://w3.software.ibm.com/sales/aim/prod/hostintegration/prodinfo/**

  (WebSphere Host Integration Solutions)

- **http://w3.software.ibm.com/sales/swgssr/ssr/index2.html**

  (Solution selling Web site)

- **http://w3.ncs.ibm.com/crmd.nsf/home?ReadForm**

  (Customer Reference Web Site)

- **www.ibm.com/webservers/ hostondemand/library/publications/hacl.html**

  (Host Access Class Library for Java online reference)

- **www.ibm.com/webservers/technology/hacl**

  (Host Access Class Library website)

Back-up

Key Competitors and Competitive Advantages

Personal Communications Competitive Advantages

► **Key Competitor - Attachmate Extra Personal Client 6.5**

- Less complete Java implementation
- No SSL for TN connections
- No SLP support
- Usability - more difficult file transfer and customization tools

► **Personal Communications Advantages**

- Extensive protocol support including APPN, APPC, SNA, TCP/IP, and ISDN
- Same look and feel across multiple operating systems
- Based on open systems architecture for industry standard solutions
- Most comprehensive set of programming APIs including EHLLAPI, SNA, HACL, Java Beans, ActiveX, and ODBC / DRDA
- Integration with Host Integration products, including Screen Customizer and Communications Server

Host On-Demand Competitive Advantages

- ► **Key Competitor - WRQ Reflection for Web 4.0**
  - Java applet size are comparable to HOD
  - Supports 3270,5250, VT220 and HP emulation
  - 3270, 5250, VT print capabilities
  - Support for SSL is available but additional product (Security Proxy Server) needed

- ► **Host On-Demand Advantages**
  - Broadest range of platforms in industry
  - Broadest programming support, (HACL, EhIlapi)
  - TN3270, TN5250, and VT support
  - Based on open industry standards
  - Provides default GUI and ability to create custom GUI, with no programming using Screen Customizer
  - Provides ability to run custom and default GUI in the same application using Screen Customizer

Screen Customizer Competitive Advantages

► **Key Competitor - Seagull**
  - Based on proprietary standards
  - No printing capabilities
  - No VT Capabilities
  - Strengths: Supports "tabs" and other usability features
  - Multiple products for multiple platform (WinJA or 5390, JWalk for AS/400)

► **Screen Customizer Advantages**
  - IBM's Screen Customizer is a GUI rejuvenation tool that allows for non-programmatic customization of traditional host access user interfaces
  - Screen Customizer's key competitive advantages are:
  - Simple rejuvenation of host screens using drag and drop technology, no programming is required
  - Uses Host Access Class Libraries (HACL) and Open Host Integration Objects (OHIO)
  - Works with both Host On-Demand (thin client) and Personal Communications (thick client) emulators and CA/400

Host Publisher Competitive Advantages

► **Key Competitor - Jacada Connects**

- No TN SSL on connections to data source
- Dedicated server-host session for each browser user
- Uses proprietary connectors to grab host screens - Host Publisher uses HACL
- No Green Screen Capabilities
- Not able to do VT or JDBC

- Provides an open Java or COM API

► **Host Publisher Advantages**

- Support for largest number of platforms and Web servers
- Speed and ease of development without a prerequisite IDE
- Standards based Java Host Integration objects and Database Integration objects
- Does not require dedicated host session per user
- SuperConnector for WebSphere e-business applications - common technological foundation with other IBM Web-to-host products

WebSphere Transcoding Publisher Competitive Advantage

- ## Key Competitors
  - ► **Oracle - Portal to Go**
  - ► **AvantGo - Enterprise Online**
  - ► **Aether Software - ScoutWeb**

- ## WTP Strengths
  - ► WTP is the only general transform solution available today -- the competition focuses on advantaging their core business rather than attacking the content transformation space directly
  - ► Offers plug-and-play capabilities
  - ► Provides the widest breadth of features including specific device and content transforms and integration into larger IBM solutions
  - ► Easy to customize specific transforms using the developers toolkit
  - ► Delivers better, easier to use administration and developers tools
  - ► Includes flexible configuration options for network efficiencies and ease-of-integration
  - ► Open, flexible and standards-based framework which makes WTP easily extensible

Communications Server Competitive Advantages
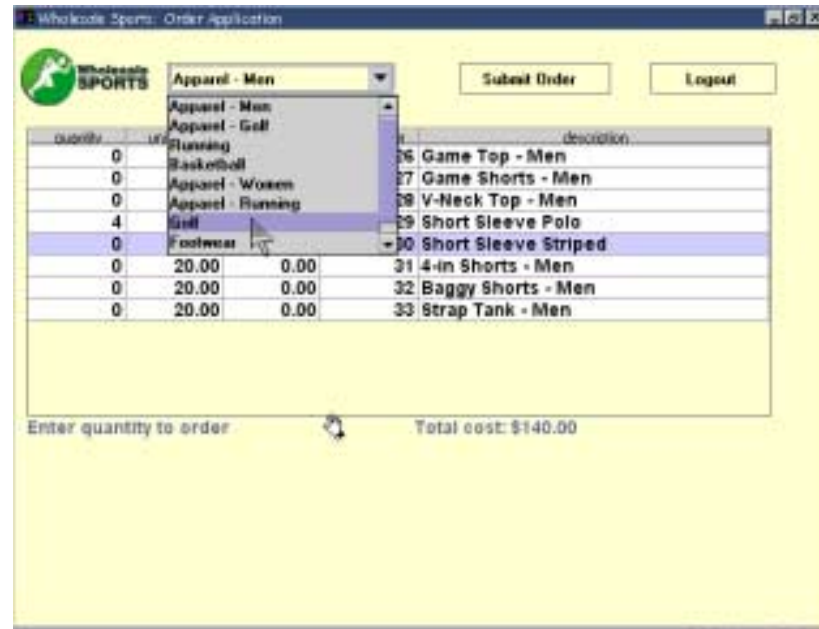
➤ **Host Publisher**
- **Web-to-Host Publishing (HP comes with CS/NT only)**

➤ **Powerful SNA Gateway**
- **Most competitive SNA implementation and best performance**
- **APPN, High-Performance Routing and DLUR**

➤ **Premier multi-protocol support**
- **Full range of network integration capability**

➤ **Robust network security**
- **SSL encryption (up to Triple DES, and client/server authentication)**

➤ Supports Web browsers, Lotus Notes and the Internet access over SNA

➤ Support for legacy applications and LAN applications on an TCP/IP network

➤ Single vendor for total networking solutions across OS/2, AIX,

➤ Windows NT, Windows 2000, and OS/390

➤ Proven reliability and performance in large-scale enterprise environments

Host Integration Application Development

Integration with WebSphere

AS/400
S/390
UNIX

Host Integration Development

- # Options

- Host Access Beans for Java
  - Allows drop in emulation function and simple interface to programming host interactions

- Host Access Class Library
  - Modern, object based API for host communication

- HOD Connector
  - Common Connector Framework compliant form of HACL technology

- Host Publisher
  - Accelerate integration of host applications by capturing host application information in a Java Bean for easy integration into WebSphere/VAJ development projects

Common Host Access APIs

- ## API's

  - Provide common Java programming interface across emulator products

    - Host Access Class Library for Java

    - Host Access Beans for Java

  - Easily transfer skill base from one product to the other

  - Reuse Java applications written for one product on the other

IBM Host Access Beans for Java

Host On-Demand moves beyond terminal emulation...with Host Access Beans

➡ Rapidly create and deploy new host access applications to meet your specific business needs

- Open architecture allows for flexible/portable deployment using any TN server

➡ Lower your cost of development

- Allows drop in emulation function and simple interface to programming host interactions

Product Detail

Personal Communications V4.3 for OS/2: What's New

OS/2 - Exploitation	
Enhancement	**Benefit**
Host AccessBeans for Java and the Java Interface for Host Access Class Library (HACL)	HACL gives you the ability to deploy custom applications across Personal Communications for OS/2 and Windows versions and WebSphere Host On-Demand.
Support for SSL V3	Additional Security for the client
Euro 2 Symbol Set	Available in 22 languages, it includes double-byte character set (DBCS) languages. DBCS supports the Euro sign, and includes extensive keyboard and code-page support.

Personal Communications V5 - Windows Platforms: What's New

Install Enhancements	
Enhancement	**Benefit**
Update Install Manager	Easier, smoother installs
Upgrade to Installshield 5.5	Compliance with new Microsoft enhancements
Install New Software Registration Tool	Easy ability to register product and be eligible for support

Others	
Enhancement	**Benefit**
Tivoli Certification	Works with network management
Client Certificate Authentication	Increased security
HACL and Java Beans Resynch	Improves compatibility with Host On-Demand and other Host Integration products

Host On-Demand V5.0 What's New

Productivity	
Enhancement	**Benefit**
Componentization	**Administrators can control download time of cached client**
Express Logon	**Eliminates need for users to enter ID and password when logging onto host system. Works with Communications Servers for AIX, OS/2, Windows NT and Windows 2000**
Multiple Session Launch Support	**Users can launch multiple sessions together, from multiple hosts, from a single icon**

Deployment	
Enhancement	**Benefit**
Smart Cache	**Requires no idle time from Host On-Demand users**
Deployment Wizard	**Simplifies configuration of HOD sessions**
Policy Management/Feature Disable	**Administrators can control features available to users to reduce user error, helpdesk support and security issues**

Host On-Demand V5.0 What's New

Emulation

Enhancement	Benefit
ENPTUI Support	Provides additional usability for 5250 sessions
Code Page Enhancements	Provides equivalent code page support to Personal Communications
Part of proposed TN5250E standard Uses AS/400 Host Print Transform Also supports Host Print Key - Ctrl-Pause	Host On-Demand client sends device ID and printer information AS/400 creates & sends ASCII datastream with printer controls

Security

Enhancement	Benefit
Native Authentication	Use system database User ID/password to logon to Host On-Demand
Host On-Demand Configuration Servlet	Can deploy Host On-Demand across extranet with no firewall restrictions
SSL V3 features currently implemented by HOD:-	SSL V3 data encryption TN server authentication - server sends X.509 certificate to client
Client Authentication	TN Server requests client certificate Host On-Demand client sends X.509 certificate to server

Screen Customizer V2.0 What's New

Usability/Productivity	
Enhancement	**Benefit**
Global customization and simplified screen capture process	**Reduces time required to develop custom GUIs Gives host applications same look and feel as corporate standard for the Web**
AS/400 Subfile Support	**Provides weblike appearance of AS/400 subfiles without any manual customization**
Host On-Demand Integration	**Provides users common function and usability as 'green screen' host applications**
Web link button improvements	**Gives look and feel of a true web application**
Light pen support	**Users can use mouse to access host applications that require light pen**
Auto Install on AIX	**New GUI reduces installation errors**

Application Development	
Enhancement	**Benefit**
Screen Customizer API	**Can extend host applications with new business logic and data**
Screen Customizer bean	**Can quickly incorporate Screen Customizer functions in host access e-business applications**

Host Publisher V2.2 What's New

Expanded Reach and Flexibility	

Enhancement	Benefit
Remote Integration Object (RIO)	Extends power of Host Publisher to remote Java clients and servers
XML Legacy Gateway	Customer application access to 3270 and 5250 applications in XML format. Complements Integration Object XML support
3270/5250 HTML Mapper	Reach new users. Load-and-go access to 3270 and 5250 applications
Additional Platform Support	WHP Studio runs on WIN 2000 and WHP Server runs on WIN 2000
WebSphere Studio Professional Edition	Completes the Host Publisher implementation package with a leading edge HTML/JSP editor and new business logic creation tools
WebSphere Standard Edition	Supports V3.5, V3.02 and V2.0.3.1
New Simplified Licensing	Price based on concurrent/sessions and Host Publisher server platform

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