

IBM SecureWay® Host Integration



What's New

SecureWay Host On-Demand V4
for Java terminal emulation

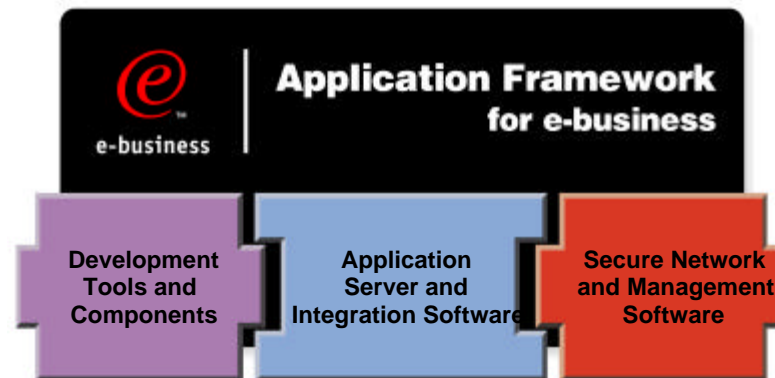
SecureWay Screen Customizer V1
for host application rejuvenation

SecureWay Host Publisher V2
for integrating host data with the Web

***The Fastest and Most Flexible Web-to-Host
Solutions for Secure e-business***



IBM SecureWay® Software



IBM SecureWay® Family

An integrated set of products which provides the secure network platform infrastructure for running e-business applications in a networked world.

- Lets users and applications **Locate** critical resources, information and data throughout the enterprise
- Lets users and applications **Connect** to each other across multiple systems, devices and networks
- Provides for **Secure** data, transactions and communications

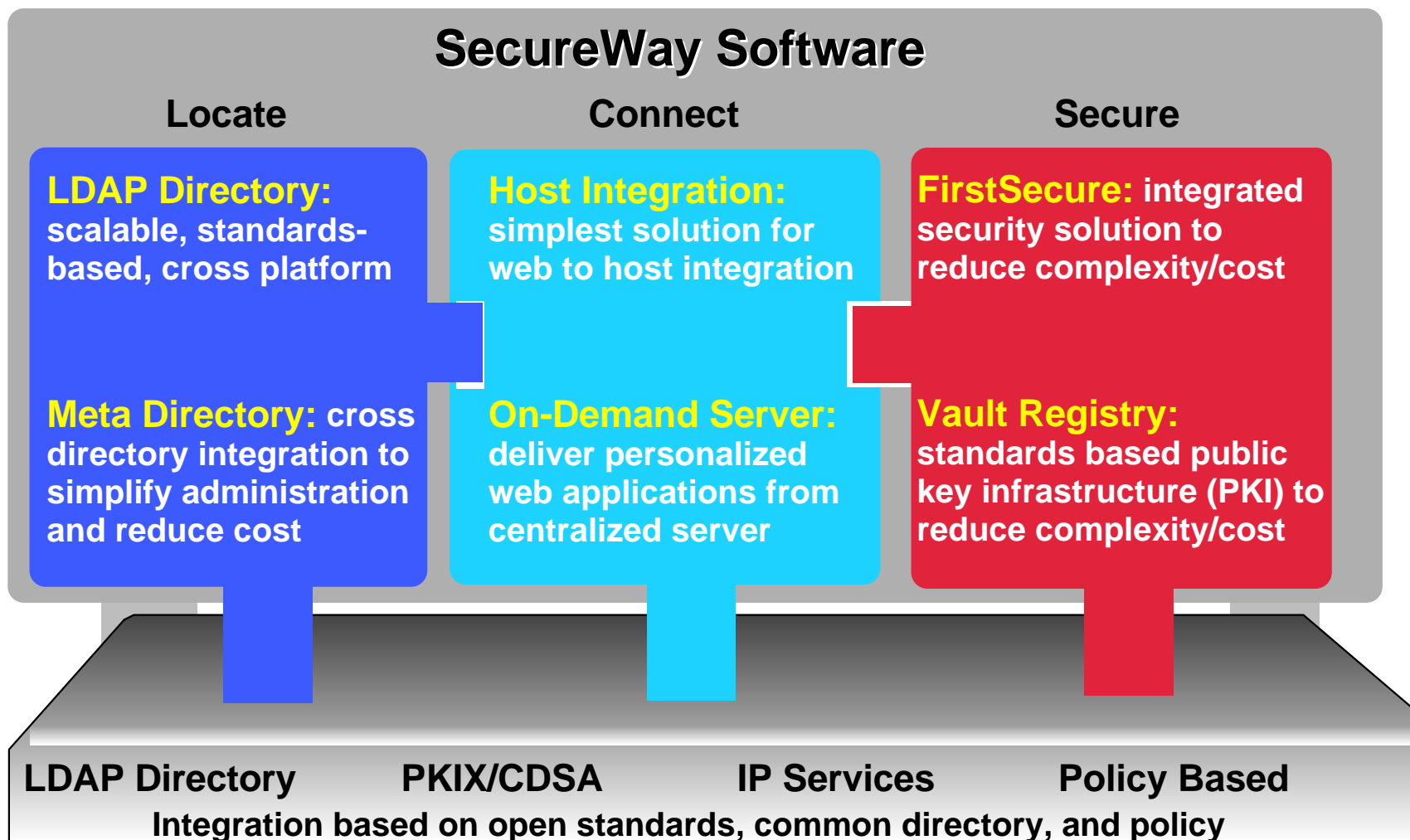
Tivoli

Manage

- Scalable, open, cross-platform
- Single-action Management
- Easy deployment and maintenance
- Business system management

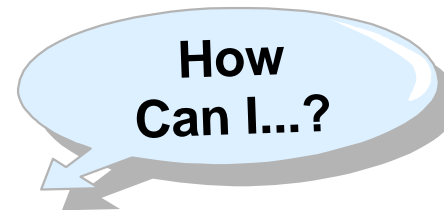


SecureWay Software Enables e-business





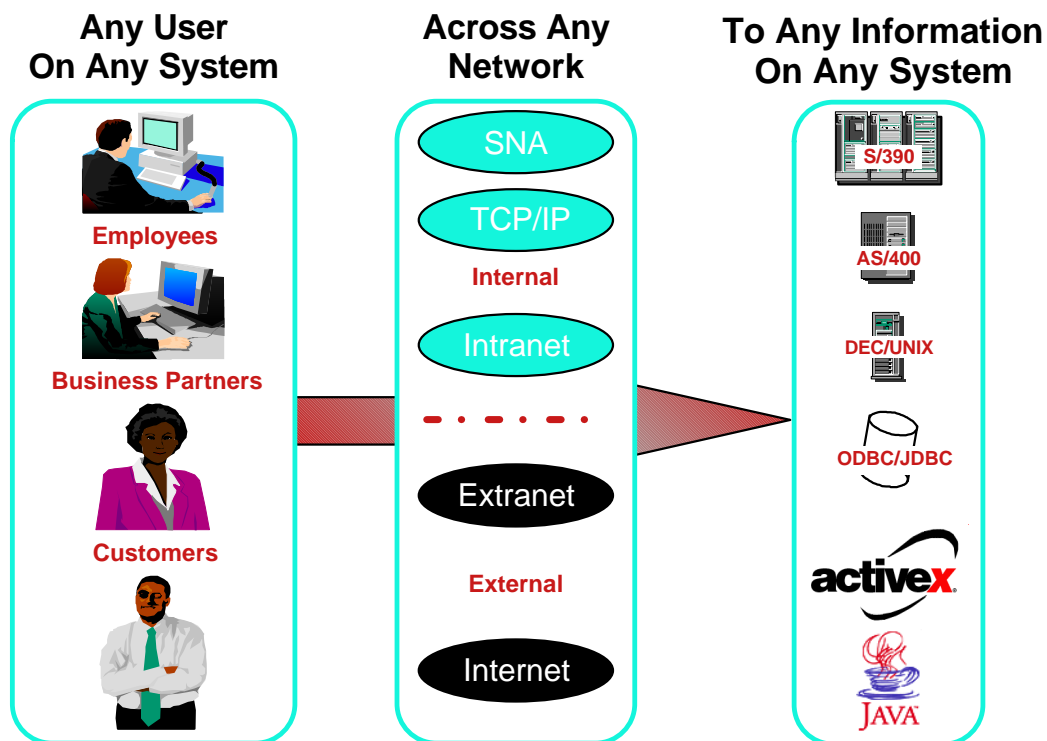
Challenges of Implementing e-business



- Connect customers, suppliers, partners, and employees across a variety of computing systems
- Leverage existing host data and application investments
- Decrease risk of running a business over the Internet
- Reduce the complexity and cost of running a secure e-business
- Easily integrate host connectivity in new e-business applications
- Keep pace with emerging standards and technologies (Java, HTML, XML, etc)



SecureWay Host Integration: Enterprise Connections



- Extends existing host applications to the Web without any changes to them
- Enables integration of multiple backend sources and flexible delivery options through common, open APIs and reusable components
- Ensures components work together across all network environments and across all major platforms
- Delivers Web-to-host technology with traditional access technology in a single solution



SecureWay Host Integration Delivery Options



- ✓ **SecureWay Personal Communications**
professional emulation



- ✓ **SecureWay Host On-Demand V4**
Java emulator installed on a server and accessed from a Web Browser



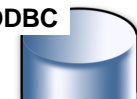
- ✓ **SecureWay Screen Customizer**
for host application rejuvenation to a web graphics interface



- ✓ **SecureWay Host Publisher V2**
for application integration from multiple host sources to a web graphics interface



JDBC/
ODBC



ActiveX

activex



JAVA

▪ Value

- Protect and extend investment
- Improve user productivity
- Secure, scalable, multi-platform
- Fastest way; lowest risk and cost to integrate host with the Web

Fastest way to extend host applications to the Web



What 's New



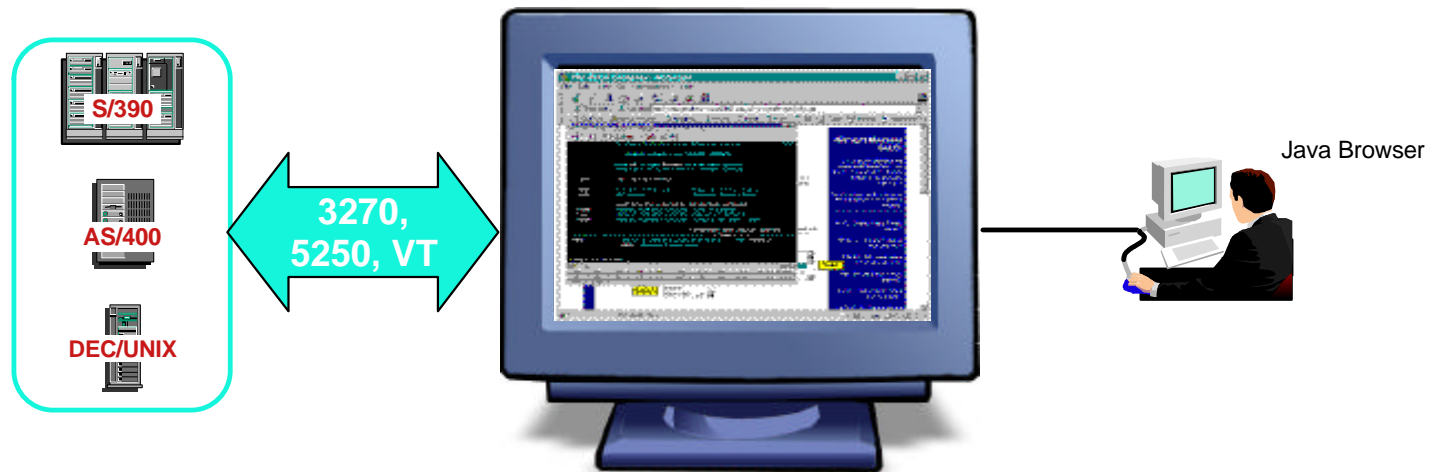
Connectivity	1999 Enhancements	Date Available
Terminal Emulation	IBM SecureWay Host On-Demand V4	7/99
Application Rejuvenation	IBM SecureWay Screen Customizer for Host On-Demand and Personal Communications	Beta 6/99, GA 9/99
Application Integration	IBM SecureWay Host Publisher V2 for S/390, AIX, Windows NT, Sun Solaris, and AS/400 (1Q2000)	Beta 7/99, GA 4Q99

Other Recent Announcements

- **Clients**
 - PCOMM 4.3 for Windows 95, 98, NT
 - Host On-Demand support for Linux
- **Servers**
 - Communications Server OS/390 V2 R8
 - Communications Server OS/2 Warp V6
- **Novell Host Integration Solution**



IBM SecureWay Host On-Demand V4

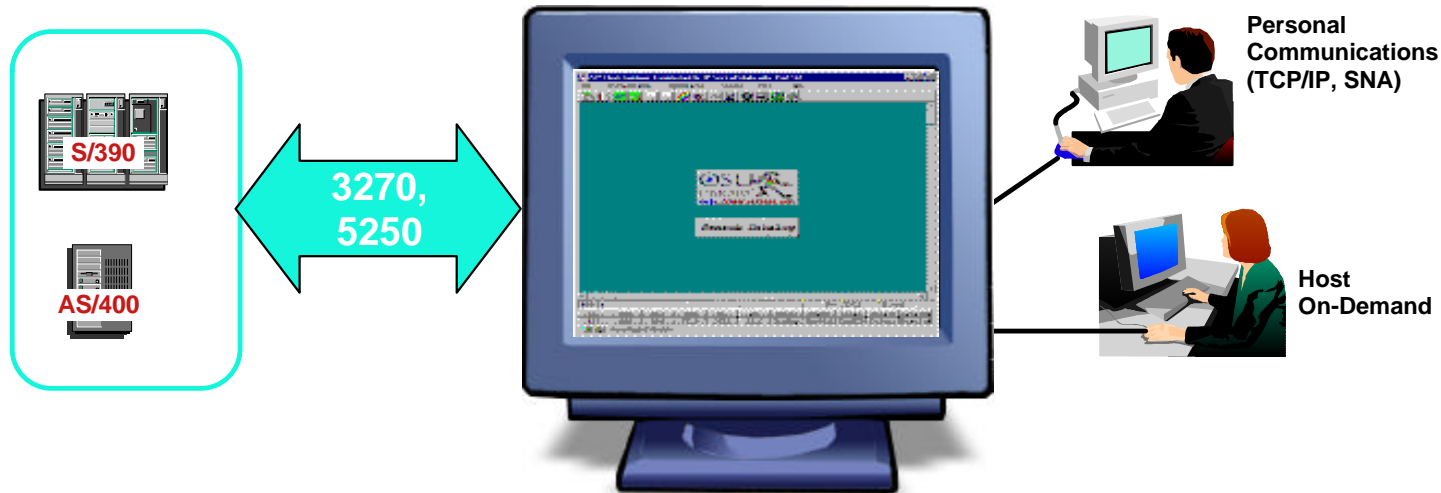


Web-to-Host Terminal Emulation

- **AS/400 capabilities increase productivity and enable rapid deployment**
 - 5250 host print, file transfer, and device ID support
 - Native AS/400 installation
- **Enterprise class services and support**
 - SSL client authentication with support for PKI
 - LDAP directory enablement
 - SLP load balancing
- **Flexible application development and deployment**
 - Host Access ActiveX controls
 - Support for both client and server deployment models
 - Support for IBM Application Framework for e-business with delivery of Host Access Java Beans in VisualAge for Java
 - Use of XML for macro scripting



Introducing IBM SecureWay Screen Customizer



Host Application Rejuvenation

■ Enterprise class services and support

- Supports both Host On-Demand and Personal Communications (TCP/IP and SNA) clients
- Native AS/400 and S/390 installation

■ Flexible application development and deployment

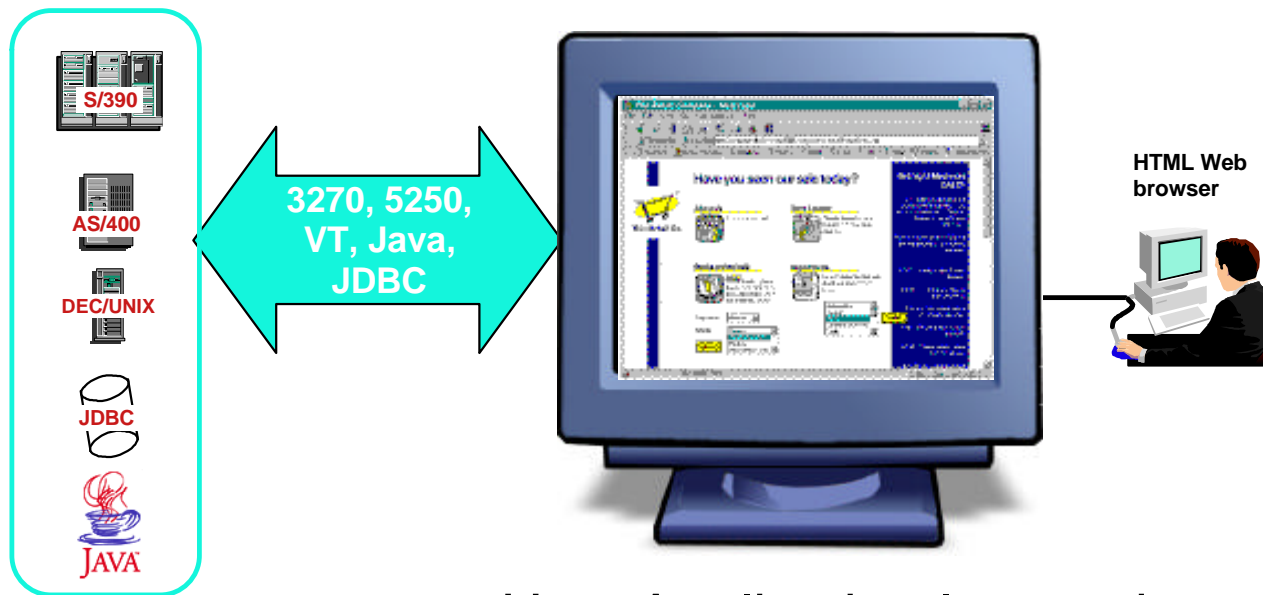
- Can combine multiple 3270 and 5250 data streams into a single GUI
- Can share custom screens across Host On-Demand and Personal Communications clients
- Requires no programming

■ User Productivity Enhancements

- Includes host print, file transfer, and Java applet launcher
- Supports 21 languages



Introducing IBM SecureWay Host Publisher



Host Application Integration

■ Leverages existing I/T and business investments

- Supports connections to the most common host resources in the industry
- Runs on S/390, AIX, Windows NT, Sun Solaris, and AS/400 (1Q 2000)
- Server migration requires no changes to Host Publisher objects

■ Open systems architecture

- Written in Java and uses standard interfaces to host resources

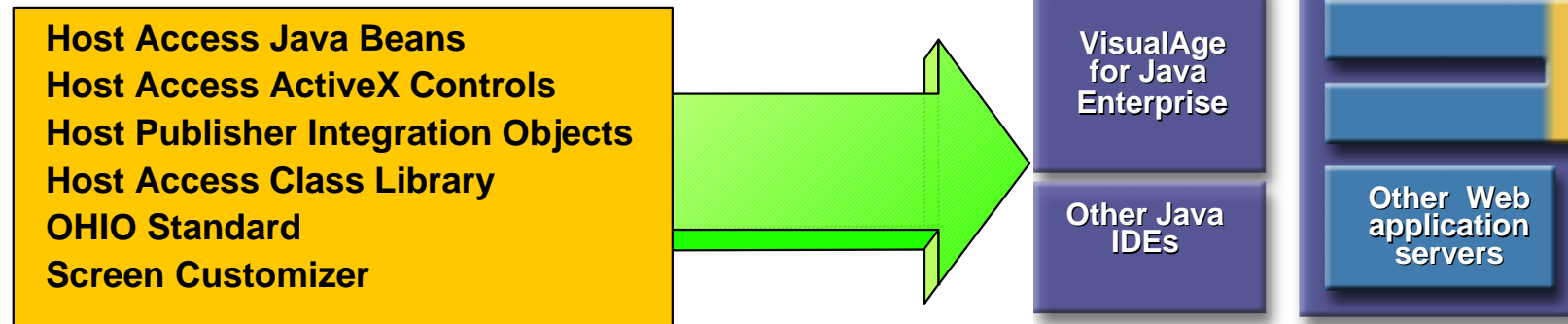
■ Flexible application development and deployment

- Creates reusable host integration objects based on open standards
- Integrates and leverages IBM WebSphere application server standard edition
- Can integrate with IBM connectors (e.g. MQSeries, CICS)



Application Support

Host Integration Application Development Tools



- 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



Summary

With SecureWay Host On-Demand V4, Screen Customizer V1, and Host Publisher V2, the IBM Host Integration Solution:

- Delivers on IBM's vision for the fastest, most flexible Web-to-host solutions for a secure e-business
- Takes Web-to-host integration to the next level with support for PKI, LDAP, personalization, and XML
- Increases the value of new e-business applications with host data integration



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