International Business Machines Corporation

Street Address
City, State ZIP

Date

Mr. Customer Name
Customer
Street
City, State ZIP

Dear Mr. Customer

Thank you for considering the IBM WebSphere Host Access Transformation Services (HATS) software for your application integration needs.

Your host system applications are sources of significant new value for your company. WebSphere Application Transformation offerings such as HATS can help you unlock that value. Application Transformation allows you to create new, composite applications with only a fraction of the time and resources it takes to build new applications from scratch. Let us show you how a mixed-workload solution that leverages your existing applications and systems can save your company money and provide a competitive advantage.

Flexible business models require a flexible, IT environment. One that is componentized and integrated end-to-end. And one that allows **CUSTOMER** to highly leverage your existing IT resources in introducing new capabilities and integrating business processes. IBM WebSphere software delivers the ability to integrate disparate applications and systems in a flexible manner that helps speed time to value and helps you maximize the utilization of existing resources. Thank you for taking the time to review this proposal for IBM WebSphere Host Access Transformation Services (HATS).

We look forward to working with **CUSTOMER**.

Sincerely,

Name
Title
Organization
Telephone, email address

IBM

Customer Name

IBM WebSphere Host Access Transformation Services (HATS)

Contact Name
IBM Corporation
Address
Phone Number

Date of Proposal

Table of Contents

Executive Summary

:Business Partner: Insert your own introductory text here and edit text below if necessary. Be sure to include content on your added value here and/or in a later section.

Are you looking for ways to reduce development costs while maintaining your current host system environment continuing to grow your business?

IBM® WebSphere® Host Access Transformation Services can help you meet development cost-reduction goals and enhance the use of host system information among geographically dispersed teammates and with customers and partners. WebSphere Host Access Transformation Services consists of development and server applications that can enable your user community to access and interact with key data and business information in real-time online over an intranet or the Internet.

Employees drive business results and WebSphere Host Access Transformation Services can help empower your employees to take full advantage of their collective knowledge and your businesses information, wherever they work, and across organizational boundaries. Benefits can include increased speed, agility and competitive advantage.

WebSphere has worked with thousands of organizations around the world to provide solutions that can help add value to your organization, and that are open and flexible as well as and reliable. Now, for IBM's zSeries® and iSeries™ customers, WebSphere software is building innovative solutions for the future.

WebSphere solutions such as HATS are meant to build on and compliment your current legacy applications capabilities while allowing for new multi-tier applications that drive on demand business.

HATS lets you incorporate added functionality into your legacy applications, while expanding their reach and availability far beyond their native capabilities. For example, you can use HATS to enable employees, business partners, and non-legacy applications the ability to interoperate and share information with your legacy systems through most standard web browsers and via web services.

To compliment the abilities of IBM's HATS software offering, IBM Software Services provides worldwide technical consulting services for IBM Software products that help make it easy to design, build, test and deploy a solution to manage your on demand business infrastructure.

IBM is dedicated to the success of your technology management solution. With a focus on technical consulting for IBM software products, IBM Software Services can provide you with deep technical product skills, solution architecture, knowledge transfer, and quality assurance.

What Is Host Access Transformation Services?

Host Access Transformation Services or 'HATS' transforms 3270 and 5250 host terminal screens, and can import data from Video Terminal (VT) screens, into Web pages that are part of a WebSphere® application running on a Web server. End users access the pages from their Web browsers and use the pages to send and receive data to and from the host application. The end users might not even be aware that they are interacting with a host application; from their perspective, everything is taking place on the Web server. Your company might have a substantial investment in legacy applications on host systems, yet more and more of your end users (customers, suppliers, and internal staff) are using workstations rather than host-connected terminals. HATS lets your company rekindle your legacy host screens into a more robust application, gaining more value in your host investment.

HATS has two components:

- HATS Studio, which runs on a client. Using HATS Studio, the application developer creates a Web application in which host screens are transformed into Web pages. The developer can start by building a simple HATS project and then customize it iteratively. HATS Studio is packaged as an Eclipse feature in the Rational® Studio workbench, and appears as a perspective in the Rational Studio workbench window.

- HATS runtime code, which runs inside one or more HATS applications deployed on a WebSphere Application Server. Data is sent back and forth between the user and the server/host. End users interact with the HATS application through their Web browsers. After you have developed a HATS application, you deploy it on the WebSphere Application Server the same way you deploy applications that are developed using other WebSphere or Rational tools. A WebSphere system administrator can manage HATS applications using the WebSphere administrative console.

An Eclipse technology-based development environment

HATS Toolkit is fully integrated within the Eclipse technology-based IBM Software Development Platform. It offers an intuitive interface and easy-to-use wizards for customizing the rules for transformation of legacy screens. The Eclipse platform is an industry-standard application-development environment, providing the benefits of a common framework and reusable skill set for development of Web-based applications. Integration within IBM Software Development Platform delivers a common tooling family for your on demand business needs.

An extensible solution with HATS open architecture

Because it's built on industry-leading WebSphere software using a Java® 2 Platform, Enterprise Edition (J2EE®) architecture, HATS has virtually unlimited flexibility and extensibility. Using custom Java development, you can extend HATS to integrate with other legacy systems or J2EE applications. For example, you can use EJB to add business logic to a HATS project.

HATS also supports global variables, allowing you to streamline your applications and reduce the amount of input required by your end users. With more customization, global variables provide further capabilities for moving data between your host application and other applications and databases. The HATS open architecture helps maximize your ability to improve the productivity of your host applications.

Why Use Host Access Transformation Services?

HATS is IBM's market-leading product for host system application transformation. HATS is designed to deliver virtually all the tools you need to quickly and easily extend your legacy applications to business partners, customers, and employees. HATS makes your 3270 and 5250 applications available as HTML through the most popular Web browsers, while converting your host screens to a Web look and feel. With HATS it is easy to improve the workflow and navigation of your host applications without any access or modification to source code. HATS will enable your company to do the following:

- Extend host applications to the Web quickly

    The HATS rules-based transformation engine makes it possible to extend your host applications to the Web within hours of installing the software. HATS is a zero-footprint, zero-download Web-to-host solution. The only software needed on the client is a Web browser.

- Transform host screen components in real time

    The power of HATS lies in its ability to accurately recognize the components of host screens and transform them in real time to a Web interface according to a set of predefined rules. It is easy to modify the rules according to the specific needs of your application. With HATS, you can add a variety of elements to your host screens, such as drop down lists, hot links, tables, buttons, valid value lists, tabbed folders, and graphs. You can also add HTML elements such as logos, graphics, backgrounds, and Web links.

- Provide programmed navigation through multiple legacy screens

    HATS has macro support that allows you to provide programmed navigation through multiple legacy screens to help improve the productivity and ease of use of your host applications. HATS enables such programmed access to a single host application, or can integrate screens from multiple host applications into a single Web interface. You can also use macros created in IBM WebSphere® Host On-Demand.

- Integrate with WebSphere software

    The HATS Toolkit is fully integrated with the Eclipse-based IBM Software Development Platform. It offers an intuitive interface for customizing the rules for transformation of host screens. The HATS applications can be deployed to both WebSphere Application Server and WebSphere Portal, and can take advantage of the extensive security and reliability features found in both platforms.

Though basic in nature, these capabilities present customers with the ability to:

Get on the Web quickly

When you begin a HATS project, a wizard prompts you for basic information, such as the host address. You then select a template for the project. You can choose one of the templates included with HATS, or you can choose to use your own HTML file by dragging and dropping HTML elements. You can also choose not to use a template. After choosing your template, you can deploy the project to either WebSphere Application Server or WebSphere Portal.

Your host application can now be delivered as HTML to your users' Web browsers. All your screens are converted on the fly according to HATS default rules. Your menus and lists are displayed as hot links, and your input fields as HTML text input boxes. Your function (PF) keys are buttons, with only the active ones displayed, and your logos and graphics appear as they would on any other Web page.

Customize at your own pace

With HATS, you have the ability to select individual screens or groups of screens to be uniquely customized. Because HATS is rules-based, a set of rules that you create to customize a single host screen can easily be applied to numerous screens that share similar customization requirements. HATS allows you to spend time on the high-traffic and high-value screens—the screens where most of the action and most of the value resides in your host application. Other screens can be converted to a GUI according to the project's default rules.

HATS offers tremendous flexibility for extending your Web-to-host implementation over time. One significant advantage of HATS is that you need to invest only minimum time and resources to get started. You can use HATS to quickly deploy your legacy applications to the Web and help deliver immediate value to your business. Later, you can add user-productivity enhancements at your own pace. HATS does not require you to customize each screen. HATS uses the default rules to convert any unassigned host screens to GUIs, while customizing all assigned screens according to the rule sets you have created. For this reason, HATS doesn't stop working if you make changes to the host application.

Help boost productivity and reduce training costs

Training new users on host applications costs time and money. Today's mobile workforce often does not have the time or inclination to learn to navigate complex legacy systems. Your business partners and customers want a familiar interface on which they can become productive right away. Using HATS, you can present them with a graphical interface that makes your company look modern and up-to-date. Host applications are performing mission-critical roles in your organization. With a little help on the front end, they can continue to be valuable contributors for many years.

Help maximize ease of use

The power of HATS lies in its ability to accurately recognize and transform one or more host screens in real time to a Web interface, according to a set of predetermined rules. A collection of default rules is included with the product. You can easily modify these rules to your specific needs and tastes.

IBM HATS Toolkit includes a variety of options, or widgets, to transform host-screen elements into HTML panel components. Widgets include drop-down lists, radio buttons, hot-link lists, button tables and bar graphs. You can also customize these widgets or create your own to meet your specific requirements.

HATS macro support lets you provide programmed navigation through multiple legacy screens. For example, you can choose to have the first screen users need to see displayed immediately, bypassing all screens in between. Or you can combine data from multiple host screens, as well as multiple data sources, into a single HATS screen. HATS macros are easy to generate and allow you to streamline user

interactions with host applications. HATS can also use macros created in IBM WebSphere Host On-Demand.

Improve your GUI

With HATS, you can add drop-down lists, tables, radio buttons, tabbed folders and other features to your host screens to help users become more productive. Your users can point and click their way through your entire host application—just like on the Web. Instead of having to use their keyboards, users can click PF keys. With IBM WebSphere Host Access Transformation Services, users of your legacy applications have the same familiar experience they have when using other Web applications.

Enhance presentation with HTML

Not only can HATS help make your GUI more functional, it can also help improve your GUI's appearance by adding HTML components. Adding HTML to your host screens is easy—from logos and graphics to pictures and back-grounds. With HATS, you can give your host applications the same look and feel as your Web applications. For example, you can add Web links along the side of your panel or anywhere else you like. You not only have the power to design screens how you choose, you can present your business in a way that is professional and appropriate, without sacrificing the value of your legacy applications.

Create new applications

You can combine screens and data from multiple host sources with Java® technology-based applications to create new WebSphere applications. You can encapsulate transactions with host systems into reusable business objects, such as Web services, Java beans or Enterprise JavaBeans® (EJB). And you can use HATS and IBM Software Development Platform wizards to create Web pages that call these new business objects. You can also use IBM Software Development Platform wizards to create Structured Query Language (SQL) queries and business objects (Web services, Java beans or EJB) to implement these SQL queries.

Create Web services from programmed navigation of host applications

HATS, in conjunction with IBM Software Development Platform, helps simplify the creation of standard Web-services interfaces to provide access to host applications. Web-services protocols, such as Simple Object Access Protocol (SOAP) and Web Services Description Language (WSDL), are an efficient and reusable means to provide standardized access to your host systems, helping you lower the cost to maintain and deploy connectors to these systems.

Integrate robust portal function

HATS can run directly in the WebSphere Portal environment and take advantage of integration with other portlets in the portal. Features, such as click-to-action and cooperative portlets, allow higher levels of productivity by sharing data between portlets. Credential vault and Web express logon support can help users simplify the process of signing on and providing credentials to multiple applications. HATS works with IBM Tivoli® Access Manager or other vendor products to provide support for Web express logon.

Optimize security functions and scalability with WebSphere Application Server and WebSphere Portal

HATS offers a broad range of security features. It also leverages the security-rich features provided by IBM WebSphere Application Server and IBM WebSphere Portal. Secure Sockets Layer (SSL) and Secure HTTP (HTTPS) provide robust security between the host application, the mid-tier server and the end user. HATS appears as a typical user to your host application, allowing you to take advantage of existing access security systems, such as IBM Resource Access Control Facility (IBM RACF®).

The WebSphere platform provides support for the workload-management features required for enterprise-class scalability and availability. Load-balancing and fail-over support functions, such as vertical and horizontal cloning, are handled by the WebSphere workload manager. Clustering allows requests to be distributed across multiple application servers, providing fault tolerance. If one application server fails, a user request can be processed by one of the remaining application servers.

Host Access Transformation Services V6.0 requirements

Software Requirements

Server Requirements

For these operating systems:	You can use one of these server versions:
AIX® i5/OS™ Linux® for Intel® Linux for iSeries® Linux for pSeries® Linux for zSeries® Solaris Microsoft® Windows® z/OS®	WebSphere® Application Server V5.1.1 or later WebSphere Application Server Network Deployment V5.1.1 or later WebSphere Application Server Express V5.1.1 or later WebSphere Application Server V6.0* WebSphere Application Server Express V6.0* WebSphere Application Server Network Deployment V6.0* * Not applicable to i5/OS and z/OS

Studio Requirements

For these operating systems:	You can use one of these studio versions:
Windows 2000 Professional with Service Pack 3 or 4 Windows 2000 Server with Service Pack 3 or 4 Windows 2000 Advanced Server with Service Pack 3 or 4 Windows XP Professional with Service Pack 1 or 2 Windows Server 2003 Standard Edition Windows Server 2003 Enterprise Edition	Rational® Application Developer 6.0 Rational Web Developer 6.0 Rational Software Architect 6.0

Supported Browsers

Operating System	Firefox	Internet Explorer	Konquerer	Mozilla	Netscape	Opera	Safari
AIX					7.0 or later		
Linux	0.9 or later		3.1 or later	1.6 or later	7.0.2 or later	7.0 or later	
Macintosh	0.9 or later	5.2.3 or later			7.1 or later	7.0 or later	1.0 or later
Solaris	0.9 or later			1.6 or later		7.0 or later	
Windows	0.9 or later	6.0 with Service Pack 1 or later		1.6 or later	6.2.3 or later	7.0 or later	

Hardware Requirements

HATS Studio requirements

Intel Pentium® III 800 MHz processor minimum (Higher is recommended).

768 MB RAM minimum (1 GB RAM is recommended).

Disk space: 300 MB DASD beyond what Rational® Studio requires. Additional disk space will be required for resources that you develop.

Display resolution: 1024 x 768, or higher.

HATS Server Requirements (Inherited WebSphere Application Server Requirements)

For AIX:
- pSeries/iSeries at 375 MHz or faster
- Minimum 970 MB free disk space for installation (includes SDK)
- Minimum 512 MB physical memory; 1 GB recommended
- CD-ROM drive

For HP-UX:
- PA-RISC at 440 MHz or faster
- Minimum 1100 MB free disk space for installation (includes SDK)
- Minimum 512 MB physical memory; 1 GB recommended
- CD-ROM drive

For Linux on x86:

- AMD Opteron, Intel Pentium at 500 MHz or faster, or Intel EM64T (32-bit kernel support only)

- Minimum 995 MB free disk space for installation (includes SDK)

- Minimum 512 MB of physical memory; 1 GB recommended

- CD-ROM drive

For Linux on S/390® and zSeries:

- G5, G6, or MP3000 processors (31-bit kernel support only)

- zSeries processors (31-bit kernel support or 64-bit kernel support)

- Minimum 995 MB free disk space for installation

- Minimum 512 MB of physical memory; 1 GB recommended

- CD-ROM drive

For Linux on iSeries:

- iSeries Models that support LPAR (64-bit kernel support only) with minimum of 450 CPW in Linux partition

- Minimum 16 GB free disk space for the OS/400® partition, and 2.5 GB minimum for the Linux partition

- Minimum 512 MB of physical memory; 1 GB recommended for the OS/400 partition

- Minimum 512 MB of physical memory for the Linux partition

- CD-ROM drive

For Linux on pSeries:

- pSeries Models that support Linux (64-bit kernel support only)

- Minimum 995 MB free disk space for installation

- Minimum 512 MB of physical memory; 1 GB recommended

- CD-ROM drive

For OS/400 and i5/OS:

- AS/400e™ server 170 with processor feature 2385 or

- AS/400e server 720 with processor feature 2062 or

- iSeries Model 270 with processor feature 2252 or

- iSeries Model 800 with processor feature 2464 or

- iSeries Model 820 with one of these processor features 2395, 2396, 2427, 2458 or

- iSeries Models 520, 570, 810, 825, 830, 840, 870, 890

- For simple WebSphere applications using JSP and servlets, the minimum recommended processor CPW is 300

- For simple WebSphere applications using Enterprise Java beans, the minimum recommended processor CPW is 450

- Minimum 1200 MB free disk space for installation

- Minimum 768 MB physical memory; 1 GB recommended

- 2MB Level 2 Cache

For Sun Solaris:

- Solaris SPARC workstation at 440 MHz, or faster

- Minimum 1000 MB free disk space for installation (includes SDK)

- Minimum 512 MB physical memory; 1GB recommended

- CD-ROM drive

For Windows 2000 and 2003:

- AMD Opteron, Intel Pentium at 500 MHz or faster, or Intel EM64T (32-bit Operating System support only)

- Minimum 990 MB free disk space for installation (includes SDK)

- Minimum 512 MB physical memory; 1 GB recommended

- CD-ROM drive

Passport Advantage

Passport Advantage® is IBM's comprehensive software licensing and Software Maintenance program, which saves organizations money at every stage of software acquisition and use, everywhere in the world. Passport Advantage is the most flexible and cost-effective way for organizations to reap the benefits of volume pricing for new software, new releases of the latest technology, and technical support to keep businesses up and running. It can help lower acquisition and administrative costs, facilitate migration to new platforms, and boost productivity.

Passport Advantage features specific solutions designed to match the way different organizations acquire software and Software Maintenance services. Organizations can order a single platform or many, one product or an entire suite, for one location or a network of offices around the world. Passport Advantage offers consistent worldwide features and pricing, simplified acquisition, and multilingual licensing. Whether an organization is a small company, a centralized or decentralized department, or a member of the Fortune 500, there's a Passport Advantage solution to match the way it manages software and services.

About Passport Advantage

IBM offers two license acquisition and maintenance programs; Passport Advantage and Passport Advantage Express.

Passport Advantage is IBM's comprehensive software licensing and software maintenance (product upgrades and technical support) program, which saves organizations money at every stage of software acquisition and use, everywhere in the world. Passport Advantage is the most flexible and cost-effective way for organizations to reap the benefits of, new releases of the latest technology, and technical support to keep businesses up and running plus obtain volume pricing for significant software purchases. It can help lower acquisition and administrative costs, facilitate migration to new platforms, boost productivity, and increase profits.

Passport Advantage Software Maintenance

Passport Advantage includes a maintenance feature that complements your IBM software purchases. It includes both product upgrades and technical support, and fosters successful software deployments. With product upgrades, you get complete upgrade and cross-platform migration coverage for most commercially available IBM distributed software—Lotus, WebSphere®, Tivoli® and DB2® Information Management Software. You can upgrade to new releases and new versions as the needs of your business dictate. Technical Support helps keep your users up and running wherever they're working in the world. This is IBM's way of making sure you're covered with the tech support you need. This is your way of getting an increased return on your IBM investment of a total software solution.

Benefits
- Includes a full twelve months of software maintenance with each license.
- Provides comprehensive and flexible upgrade coverage.
- Protects technology investments

- Simplifies and improves software asset management.

- Reduces acquisition and administration costs.

- Streamlines budgeting for software upgrade and migration costs.

- Provides immediate support coverage on newly acquired products during installation phase and for life cycle of product.

- Incorporates flexible, easy-to-access, responsive, cross-platform customer support from IBM, worldwide.

- Provides access to IBM software technical support for all of a customer's designated IT staff.

- Simplifies acquisition and renewal of cross-platform customer support.

- Enhances overall expected response time of two hours or less during normal business hours.

- Provides 24x7 access to support resources for business-critical outages.

- Increases self help via the Internet.

Passport Advantage License Acquisition

With Passport Advantage you get more opportunities to obtain better pricing. Passport Advantage offers better pricing for your volume purchases over time and is based on your Relationship Suggested Volume Price (RSVP) level. You can qualify for even better pricing based on the size of individual transactions—including purchases from select Independent Software Vendors.

How it works:

- New enrollments require a significant initial purchase.

- You receive your RSVP level based on your initial acquisition of licenses and software maintenance. IBM has simplified the calculation of RSVP levels based on your requirements and suggestions.

- Each acquisition is based on your RSVP or size of the transaction—whichever results in the lower price for you.

- Your RSVP is recalculated after every transaction.

- Additional locations or sites anywhere in the world can enroll under the same agreement so your business can leverage its combined acquisition power.

- You get 12 full months of Software Maintenance with each Passport Advantage license you purchase—and prorated renewals to your organizations established anniversary date.

CEO Product Categories

CEO Product Categories are collections of closely associated products, which together, create an enterprise infrastructure solution. These CEO Product Categories are offered on a per user basis and are subject to specific acquisition rules including a minimum initial user quantity requirement (minimum varies by CEO Product Category). CEO Product Category customers must acquire their first (primary) CEO Product Category on an enterprise-wide basis and subject to that

category's minimum initial user quantity, and may then acquire additional (secondary) Product Categories for the same number or less users than the primary category, but subject to each secondary category's minimum initial user quantity. Pricing includes the usage of all products in the category, with Software Maintenance included. Software Maintenance ensures that customers always have the most up-to-date eligible versions of IBM distributed software—Lotus, WebSphere, Tivoli and DB2 Information Management Software, and have software technical support to ensure their success in using the software. Available through IBM Business Partners and IBM Direct Sales.

About Passport Advantage Express

Passport Advantage Express is designed for single-site, smaller enterprises. This new offering combines the full Passport Advantage product list with the simplicity of transaction-based acquisition. Passport Advantage Express does not require a relationship agreement—each transaction is subject to the terms and conditions in force at the time. Also, license acquisitions will include software maintenance coverage for a full 12 months. That's all there is to it—simple, straightforward, easy.

Passport Advantage Express Software Maintenance

Passport Advantage Express includes a maintenance feature that complements your IBM software purchases. It includes both product upgrades and technical support, and fosters successful software deployments. With product upgrades, you get complete upgrade and cross-platform migration coverage for most commercially available IBM distributed software—Lotus, WebSphere, Tivoli and DB2 Information Management Software. You can upgrade to new releases and new versions as the needs of your business dictate. Technical Support helps keep your users up and running wherever they're working in the world. This is IBM's way of making sure you're covered with the tech support you need. This is your way of getting an increased return on your IBM investment of a total software solution.

Benefits

- Includes a full twelve months of software maintenance with each license.

- Provides comprehensive and flexible upgrade coverage

- Protects technology investments.

- Simplifies and improves software asset management.

- Reduces acquisition and administration costs.

- Streamlines budgeting for software upgrade and migration costs.

- Provides immediate support coverage on newly acquired products during installation phase and for life cycle of product.

- Incorporates flexible, easy-to-access, responsive, cross-platform customer support from IBM, worldwide.

- Provides access to IBM software technical support for all of a customer's designated IT staff.

- Simplifies acquisition and renewal of cross-platform customer support.

- Enhances overall expected response time of two hours or less during normal business hours.

- Provides 24x7 access to support resources for business-critical outages.

- Increases self help via the Internet.

Passport Advantage Express License Acquisition

The features of Passport Advantage with the simplicity of transaction-based acquisition. Passport Advantage Express features a single price level—there are no points and no aggregating. Renewals take place on a per-transaction basis, spreading the cost throughout your budget year.

How it works:

Passport Advantage Express is designed for single-site, smaller enterprise businesses. This new offering combines the full Passport Advantage product list with the simplicity of transaction-based acquisition. Passport Advantage Express does not require a relationship agreement—each transaction is subject to the terms and conditions effective at the time. Also, license acquisitions will include software maintenance coverage for 12 full months. That's all there is to it—simple, straightforward, easy.

CEO Product Categories

CEO Product Categories are collections of closely associated products, which together, create an enterprise infrastructure solution. These CEO Product Categories are offered on a per user basis and are subject to specific acquisition rules including a minimum initial user quantity requirement (minimum varies by CEO Product Category). CEO Product Category customers must acquire their first (primary) CEO Product Category on an enterprise-wide basis and subject to that category's minimum initial user quantity, and may then acquire additional (secondary) Product Categories for the same number or less users than the primary category, but subject to each secondary category's minimum initial user quantity. Pricing includes the usage of all products in the category, with Software Maintenance included. Software Maintenance ensures that customers always have the most up-to-date eligible versions of IBM distributed software—Lotus, WebSphere, Tivoli and DB2 Information Management Software, and have software technical support to ensure their success in using the software. Available through IBM Business Partners and IBM Direct Sales.

IBM Software Services for WebSphere

IBM Software Services for WebSphere® is a team of highly skilled consultants with broad architectural knowledge, deep technical skills, best practices expertise, and close ties with IBM research and development labs. Services offered include skills transfer, implementation, migration, architecture and design services, as well as customized workshops and education to fit your business needs.

With a worldwide network of services specialists, IBM Software Services for WebSphere helps make it easy for clients and partners to design, build, test, and deploy solutions, helping you to become an on demand business.

IBM Software Services for WebSphere offers technical, product-specific services for WebSphere software products in each of these four categories:

Assess

WebSphere software can support your infrastructure and help maximize business efficiencies:

- Get your software solution up and running quickly with limited-scope installation, configuration, skills transfer, and proof-of-concept engagements.

- Gain access to IBM's deep technical and product skills.

- Minimize risk by exploiting best practices, repeatable processes, proven experience.

- Speed your time to market, while decreasing your solution's time to value.

- Get a detailed report with recommendations specific to your business.

Design

Team with IBM Software Services for WebSphere to get architecture and design skills to build a robust and scalable solution:

- Take advantage of deep, technical skills to develop a detailed architecture and design for your WebSphere software solution.

- Assess the feasibility of your design through prototypes or pilot engagements.

- Get best-practices advice about infrastructure, migration and performance considerations.

- Map functional requirements to the core capabilities of your software solution.

Develop & Deploy

Get help developing and deploying your WebSphere software solution:

- Leverage infrastructure services that assist you with installation, configuration, system security, scalability, and availability.

- Take advantage of comprehensive migration services, including skills enablement and application conversion, designed to minimize your risk.

- Implement your software solution faster - and help to ensure that it is ready to deploy when the development stage is complete.

Maintain

IBM Software Services for WebSphere can help you review and maintain your business critical-systems:

- Help you to maintain your WebSphere software solution by assessing your application environment.

- Offer you deep technical skills to deliver a comprehensive review of your solution architecture and deployment.

- Provide you with best practices guidance to ensure your WebSphere software solution continues to run smoothly.

IBM Software Services for WebSphere offers specific services for Host Access Transformation Services. These services are as follows:

WebSphere Host Access Transformation Services (HATS) QuickStart

- HATS QuickStart services were designed to provide low cost services modules to get you off to a fast start and help enable a more satisfactory product experience with HATS. The QuickStart modules may be delivered separately or in any combination.

- HATS Workshop Module - 3 days

  - A prepackaged workshop module designed for up to 4 students

  - Includes classroom instruction and lab exercises to build and customize sample applications and screens using WebSphere Studio with the HATS perspective

  - Addresses concepts and fundamentals of HATS application development

  - Covers the basics of HATS application development and how to apply concepts learned to do specific tasks using the HATS studio

  - HATS "best practices" are discussed

  - Addresses how to use macros and global variables in HATS applications

  - Who should attend: Experienced developers with a solid understanding of web programming including HTML, HTTP, server-side Java and JavaServer Pages (JSPs).

  - Windows Platform Only

- HATS Remote Consulting Module - 40 hours

  - Up to 40 hours of remote HATS consulting services focused on product usage and screen transformations provided on a best-effort basis.

  - Topics and discussions may include:

    - Design approach - what components to use, "how to" scenarios

- Screen transformations and customization assistance - coding assistance, JSPs, widgets

- Template design and customization

- Capacity Planning assistance to determine processor and memory requirements for an application

- Assistance to debug application problems

- Reviews to ensure best practices are being implemented for reliability, etc.

- Requires:

  - Customer contact to have familiarity with HATS application development

  - Remote access to your host system enables IBM to provide assistance with application problem debugging or solution development

  - Completion of this service must occur within 30 days from the service start date.

HATS Custom Services

In addition to our packaged offerings, HI Services will customize a services engagement to meet your needs.

- Beyond QuickStart

- Additional consulting and technical leadership

- Project planning and management

- Specifications development

- Screen transformations and customization assistance

- "Turn key" implementations

- Assistance with converting your applications to HATS

- Assess your current application implementation and assist with developing a specification for HATS

- Work with your staff to identify the applications and components which will be put to the web

- Help with developing a web page template for HATS with your logos and images

- Perform conversion services (may be done on site at customer location or remote)

For more information or to request assistance, please visit the WebSphere Software Services web site or contact your software services sales representative. To locate an IBM Representative near, see the Software Services Contact web site.

Product Documentation

Host Access Transformation Services V6 Announcement

http://w3-3.ibm.com/sales/ssi/OIAccess.wss?DocURL=http://w3.ibm.com/sales/ssi/rep_ia/2/897/ENUS205-022/index.html&InfoType=AN&InfoSubType=IA&InfoDesc=Announcement+Letters&panelurl=OIAccess.wss%3FDET001PT044%3D%26buttonpressed%3DDET001PT011%26buttonpressed%3D%26hfdd%3D%26hfud%3D%26timestamp%3D1115841945580%26user%3DINT%26returnurl%3Dnull%26page%3D0%26user%2Btype%3DRegular%26previouspagevisited%3D8%26specific_index%3DDET001PEF011%26DET001PGL002%3DDET001PEF011%26DET001PT008%3DGo&paneltext=Announcement+letters#Hardware

Host Access Transformation Services V6 Data Sheet

ftp://ftp.software.ibm.com/software/webserver/hostintegration/library/HATS-V6_G325-2064-02.pdf

Host Access Transformation Services V6 Infocenter

http://publib.boulder.ibm.com/infocenter/hatsv6/index.jsp

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