



Section 508 Acquisition Tools Focus Group

30 March 2005



Introduction

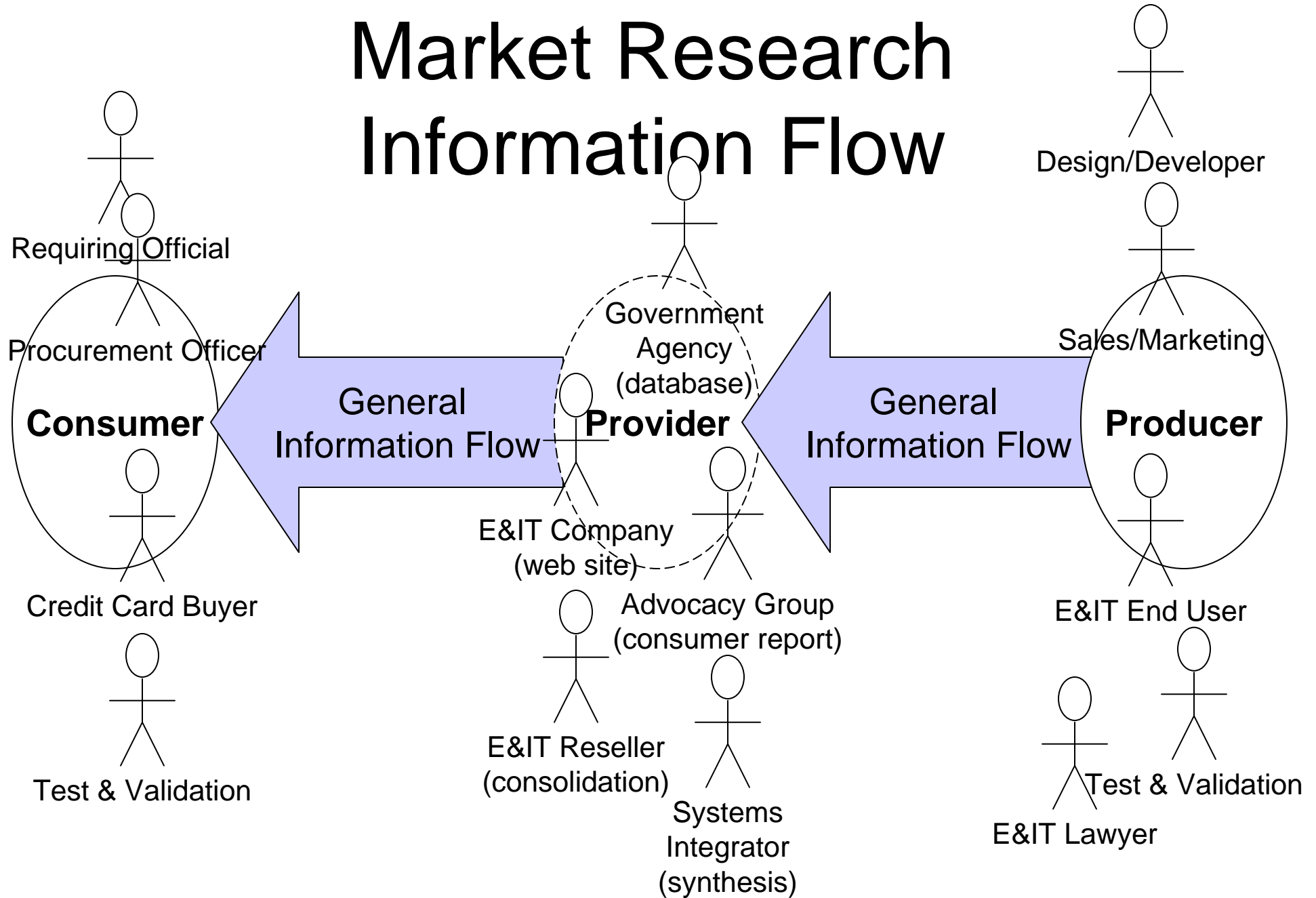




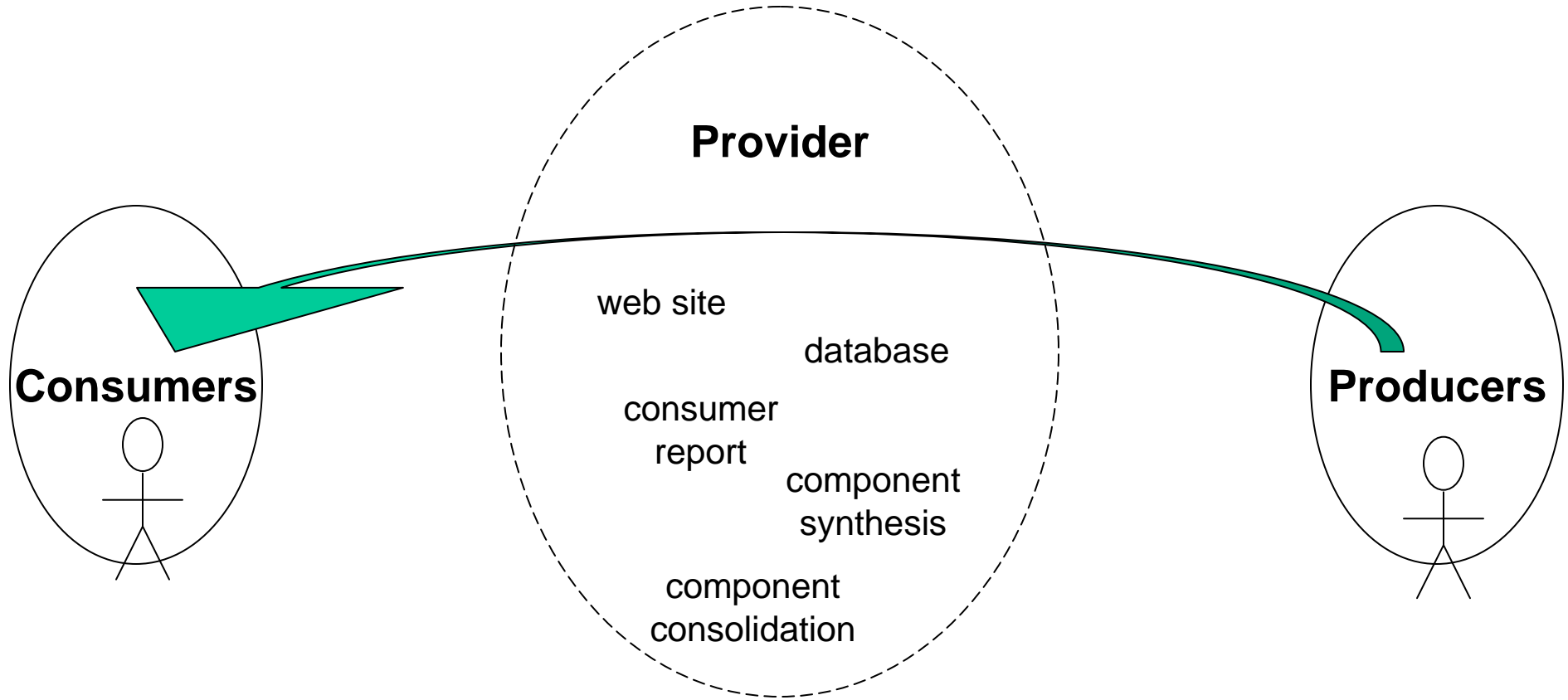
Buy Accessible Wizard User Scenario Foundation

30 March 2005

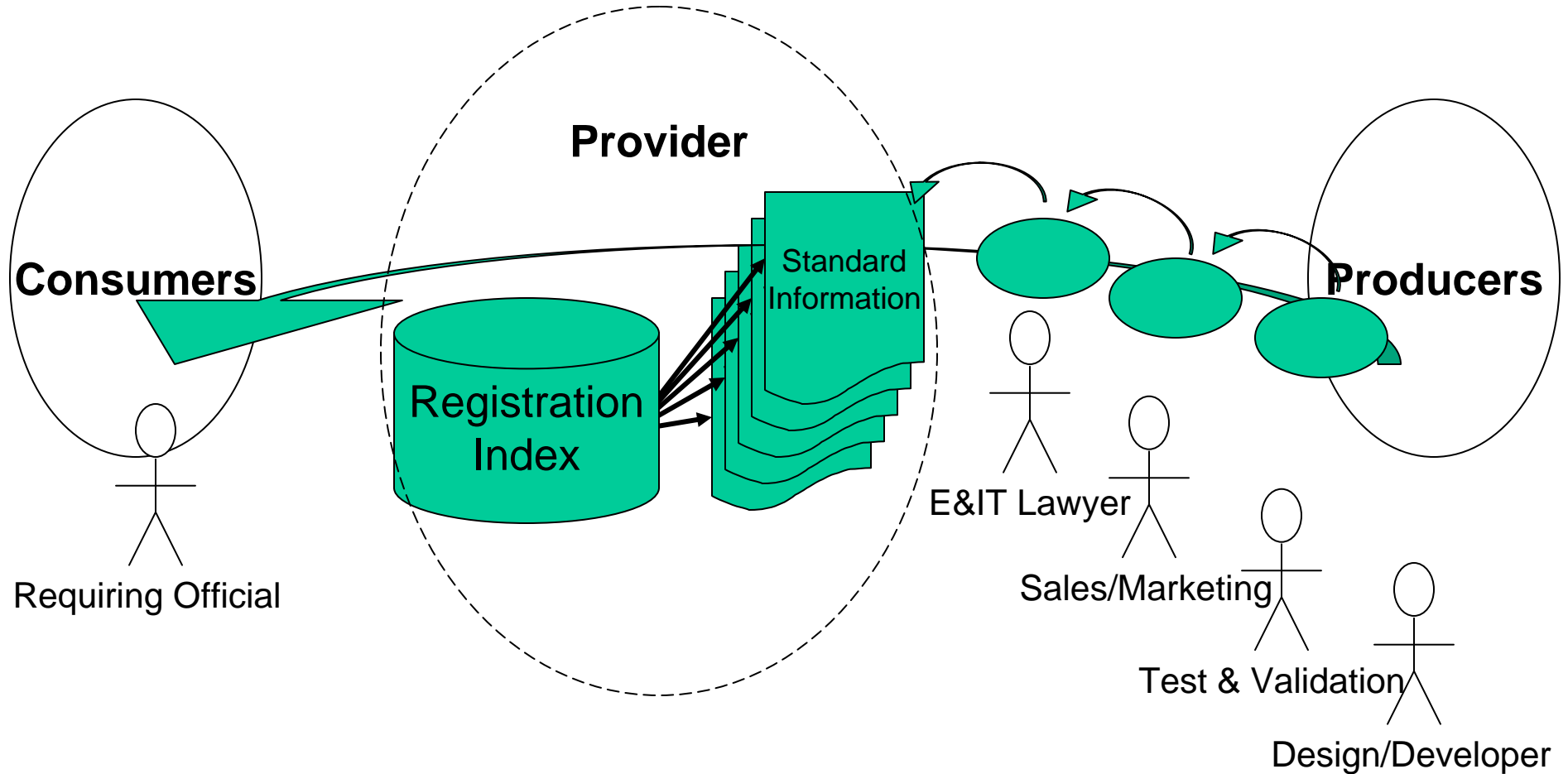
Market Research Information Flow



Information Channels



Baseline Information Channel



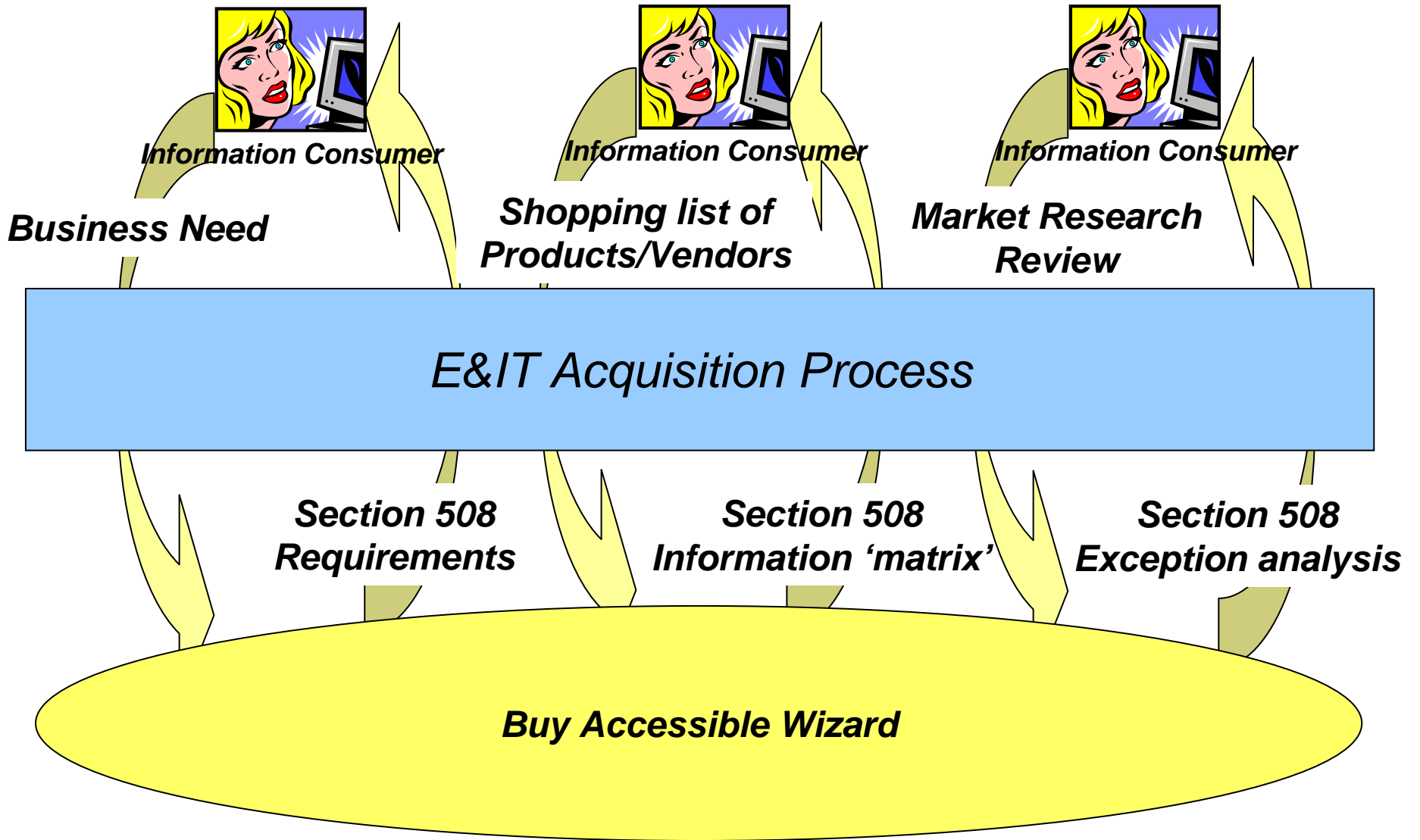


Consumer Scenarios Basics

30 March 2005

Consumer Use Cases

- Determine Applicable Requirements
 - Section 508 Relevance and Applicability
- “Shopping” for Information
 - Identify candidate E&IT products or vendors
 - Compare available market research information
- Conduct preliminary market analysis
 - Commercial availability screen, insight on other possible exceptions (fundamental alteration, undue burden) or equivalent facilitation



Determine Relevance and Applicability

- Characterize program needs
 - Physical and functional E&IT requirements
- Determine specific applicable provisions from the Access Board Standard
 - Based on specific program requirements
 - Conduct general exception analysis

Shopping for Information

- Identify candidate products or vendors
 - Past performance, recommendations, etc.
- Find accessibility information for each candidate product or vendor
 - Interface/interact with central information registration index (Buy Accessible)
 - Initial ‘solicitation’ for missing information?

Buy Accessible Portal Shopping Interface

The screenshot shows a Microsoft Internet Explorer browser window displaying the Section 508 website. The address bar shows the URL: <http://section508.gov/index.cfm?FuseAction=Search>. The page features a blue header with the Section 508 logo and the text "Section 508 www.section508.gov". A navigation menu includes links for "Buy Accessible", "508 Law", "508 & You", "508 Training", "508 Coordinators", "Accessibility Forum", "FAQs", and "Events".

The main content area is divided into several sections:

- Search:** A search box contains the word "Printer". Below it are radio buttons for "Buy Accessible Products", "Buy Accessible Services", and "Section 508 Website". "Search" and "Clear" buttons are present.
- Search Results:** Displays "1 - 7 (7 Matches)". A "My Saved Items" link shows "[0 Item(s)]". The results list:
 - 1. Color Systems:** Canon color systems provide high quality digital color laser copying, on-demand printing, and multiplatform network printing. Can be transformed into color publishing devices. Speeds range from 7.5 to 50 ppm.
 - 2. IBM Serial Impact Matrix Printer Model 003:** The new 4247 Model V03 offers: Print speed of up to 1,100 characters per second (cps) in Fast Draft mode; Rugged design with metal covers for demanding transaction applications; A workload capacity of up to 64,000 pages per month; Two front paper path
 - 3. IBM z/OS 1.5:** z/OS 1.5 continues to provide leadership in innovation and enhances the value of zSeries. New security technology is provided with Multilevel Security. System availability is enhanced with changes to z/OS's internal message delivery infrastructure
 - 4. Micrographics:** A full range of Canon scanners, filmers, reader- printers, and digital storage systems help organizations of every size and type store and retrieve millions of pages of archived documents every year. The information and image management industry
- Additional Links:** Includes links for "Advanced Search", "Communications/Media", "508 Tools & Resources", "AT Showcase", and "Contact Us".
- User Login:** Fields for "Username" (containing "Enter Username") and "Password". Radio buttons for "Buy Accessible" (selected) and "508 Universe". A "Login" button is present. Below are links for "Forgot Password?", "Register For Buy Accessible: - Product Vendors - Service Providers", "Register For The 508 Universe", and "Check Vendor Status".
- Site Layout Controls:** Located in the top right, it includes "Change Font" (set to Verdana) and "Change Font Size" (set to 12px), with an "Enter" button.

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 9:25 AM.

Compare Market Research Information

- Review accessibility information available for each product or vendor
 - Compare ‘apples to apples’ with well-defined information types
 - Clear language for consistent interpretation

Buy Accessible Wizard Shopping and Comparison Interface


Buy Accessible Wizard Market Research Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Links python wxPython java jparty NPCGen timesheets Dictionary.com EMG Wikipedia

Address http://localhost:8080/baw/MarketResearch.jsp

Google Search Web 231 blocked AutoFill Options



Market Research Portal

[Home](#) | [Browser](#) | [Reporter](#) | [Glossary](#) | [User Manual](#)


Site Layout Controls

Change Font:

Change Font Size:

Enter

Search Buy Accessible Registration Index for:



[What is comparable marke research data?](#)

[What is the Buy Accessible Registration Index?](#)

[What is Market research data used for?](#)

Number of products found : 76 The order of products displayed is indeterminate. The display order has no significance.

| Product | Vendor | 508 Compliance | Detailed 508 Information |
|--|---------------------------------|---|--------------------------|
| Color LaserJet 5550 | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| HP Color LaserJet 4650 | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| HP LaserJet 1320 | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| HP LJ4345 | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| Color Laser Jet Printer 2550 | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| Color LaserJet 3700 Printer | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| Color LaserJet 3500 Print | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| HP Business Inkjet 1100 series | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| HP Business Inkjet 1200 | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| HP Business Inkjet 2300 Series | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| hp business inkjet 2600 printer series | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| hp business inkjet 3000 printer series | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| hp color inkjet cp1700 printer series | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| hp color LaserJet 1500 printer series | Hewlett Packard | Partially Supports Applicable Standards | 508 |
| hp color LaserJet 2500 | Hewlett Packard | Partially Supports Applicable Standards | 508 |

Local intranet

Conduct Preliminary Market Analysis

- Screen for commercial availability
- Insight on other possible exceptions
 - fundamental alteration
 - undue burden
- Vendor claims of equivalent facilitation
- Vendor claims about AT requirements

Wizard Screen Mock Up for Preliminary Market Analysis Interface

Section 508 Relevance: General Exceptions - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History Links Google Customize Links Windows Media Windows SideStep

Address http://localhost:8080/AccessibilityForum_beta2_dist/GeneralExceptions.jsp Go

GSA *Do Any Specific Exceptions Apply?* Change Font Arial Change Font Size 12px Enter

[Home](#) | [Browser](#) | [Reporter](#) | [Glossary](#) | [User Manual](#)

Please review and provide all information before continuing


Are there applicable requirements that are not commercially available? Yes No Maybe [I'm not sure, tell me more...](#)

Does an applicable requirement require alteration or the E&IT? Yes No Maybe [I'm not sure, tell me more...](#)

Is the required alteration fundamental to the nature of the E&IT? Yes No Maybe

- 1194.3 (e) states that this part shall not be construed to require a fundamental alteration in the nature of a product or its components.

Does meeting an applicable requirement impose an undue burden on the agency? Yes No Maybe [I'm not sure, tell me more...](#)

 **Please answer to determine if a [general exception](#) to Section 508 requirements applies.**
Select **Yes** or **No** to describe a definite or likely characteristic of your E&IT acquisition.
Select **Maybe** to describe a possible characteristic of your planned E&IT acquisition.

Done Local intranet

Start bin Microsoft Pow... Tomcat Section 508 ... 10:58 AM



Typical Scenarios for COTS E&IT Product Acquisitions

30 March 2005

COTS E&IT Product 'Macro-Purchases'

- Requiring Official interacts with the Wizard to identify the specific Section 508 requirements that apply to the particular E&IT acquisition
 - Detailed determination of the relevance and specific applicability of Section 508 provisions
- Requiring Official continues with consumer use cases for needs assessment market research
 - Shopping for detailed (provision-level) information about product capabilities w.r.t. 508 requirements
 - Preliminary detailed (provision-level) market analysis using detailed information about specific products

COTS E&IT Product 'Micropurchases'

- 'Micropurchaser' interacts with the Wizard to understand if Section 508 requirements apply to the particular E&IT acquisition
 - Purchaser typically a delegate of Requiring Official
 - General determination of Section 508 relevance
 - No specific applicability of Section 508 provisions
- Purchaser continues through consumer use cases for needs assessment market research
 - Shopping for general (product-level) information about on product capabilities w.r.t. requirements
 - General (product-level) analysis on select products



Specific Scenarios for COTS E&IT Product Micropurchases

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Search and Find E&IT Product of Interest

- Purchaser continues through consumer use cases for needs assessment market research
 - Shopping for general (product-level) information about on product capabilities w.r.t. requirements
- General (product-level) analysis on select products
 - “I looked, found information about my product, and it was as good as some/most/any others”
 - “I looked, found information about my product, and it was not as good as some/most/any others”

Search and Don't Find E&IT Product of Interest

- Purchaser continues through consumer use cases for needs assessment market research
 - Shopping for general (product-level) information about on product capabilities w.r.t. requirements
- General (product-level) analysis on select products
 - “I looked, didn't find information about my product, but identified others that did offer good information”
 - “I looked, didn't find information about my product, and didn't identify any others that met my needs”

Search and Don't Find Any E&IT Products

- Purchaser continues through consumer use cases for needs assessment market research
 - Shopping for general (product-level) information about on product capabilities w.r.t. requirements
- General (product-level) analysis on select products
 - “I looked, but didn't find information about any products of the type that I am interested in ...”



Buy Accessible Wizard R 1.5 Beta demo and discussion

30 March 2005

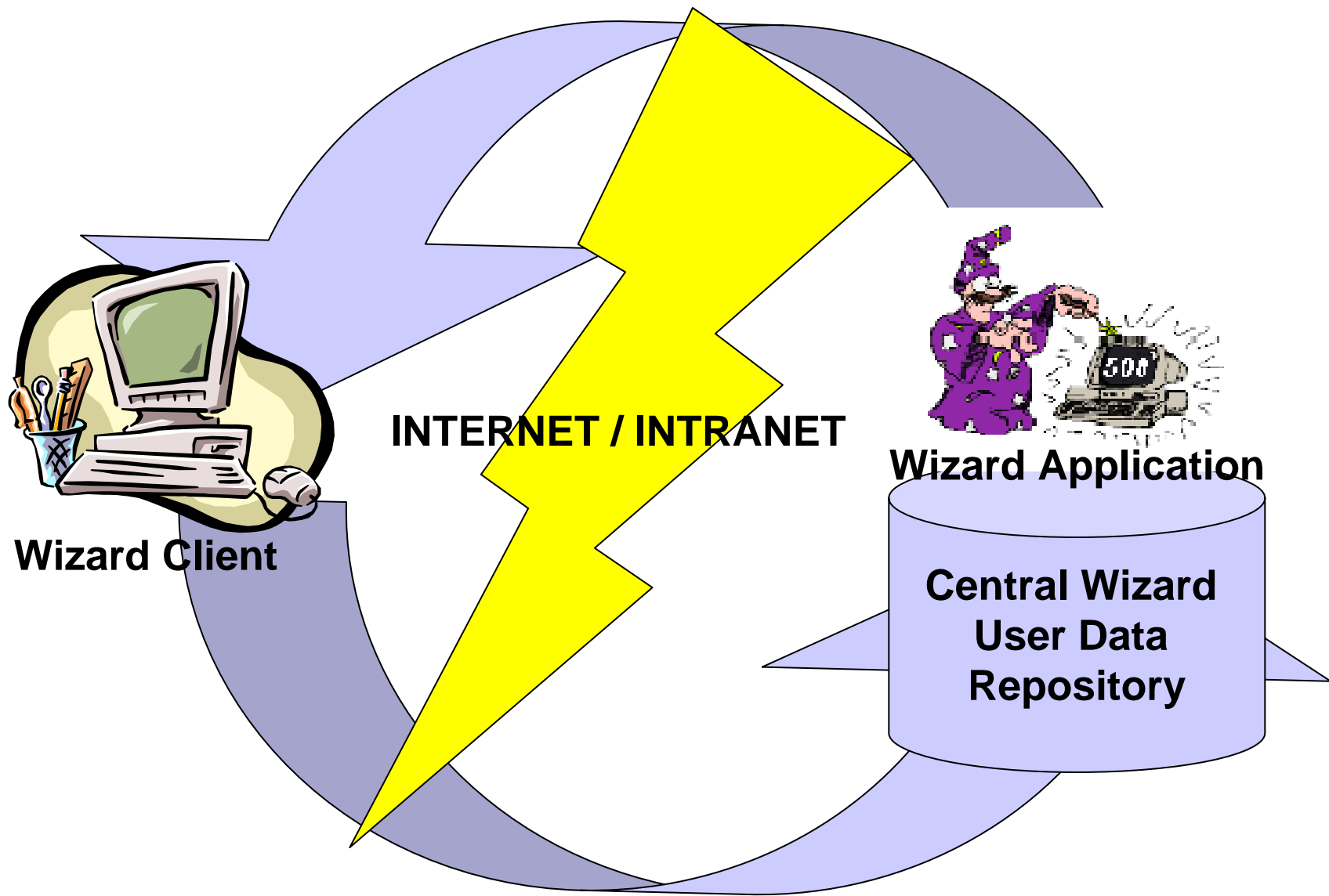
Welcome Screen Shot



Buy Accessible Wizard R 1.0 Architecture and Data Store

30 March 2005

Wizard Release 1.0

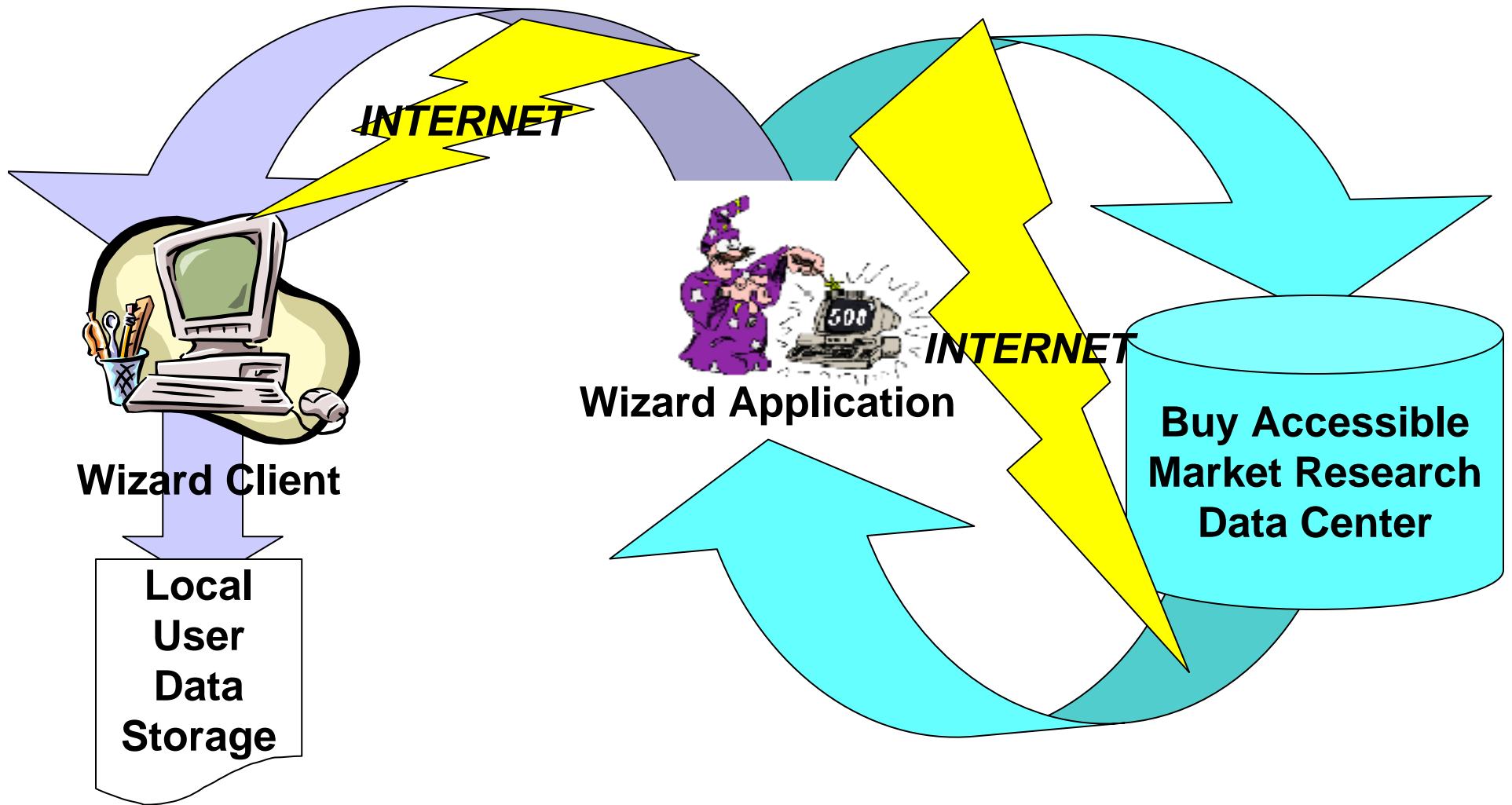




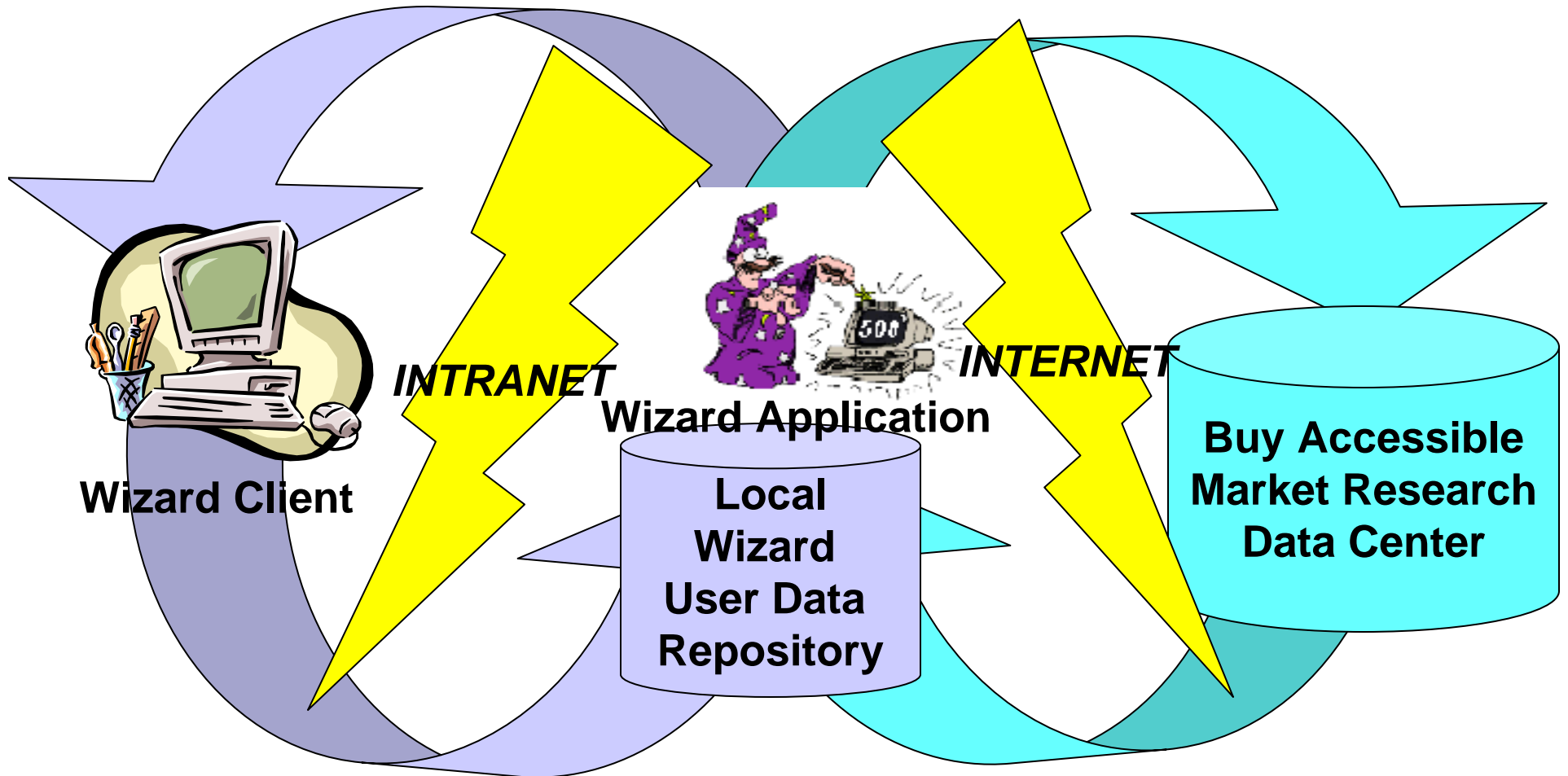
Buy Accessible Wizard R 1.5 Architecture and Data Store

30 March 2005

Wizard Release 1.5 'internet'



Wizard Release 1.5 'intranet'





Buy Accessible Market Research Data Center

09 March 2005

Buy Accessible Market Research Data Center

- Evolution of GSA Buy Accessible Portal
 - Repository of vendor information and references to E&IT accessibility data
 - Information producer use case support
 - Information consumer 'shopping' support
- Integration with Buy Accessible Wizard
 - New interface for information consumers
 - New types of market research information

Buy Accessible Portal

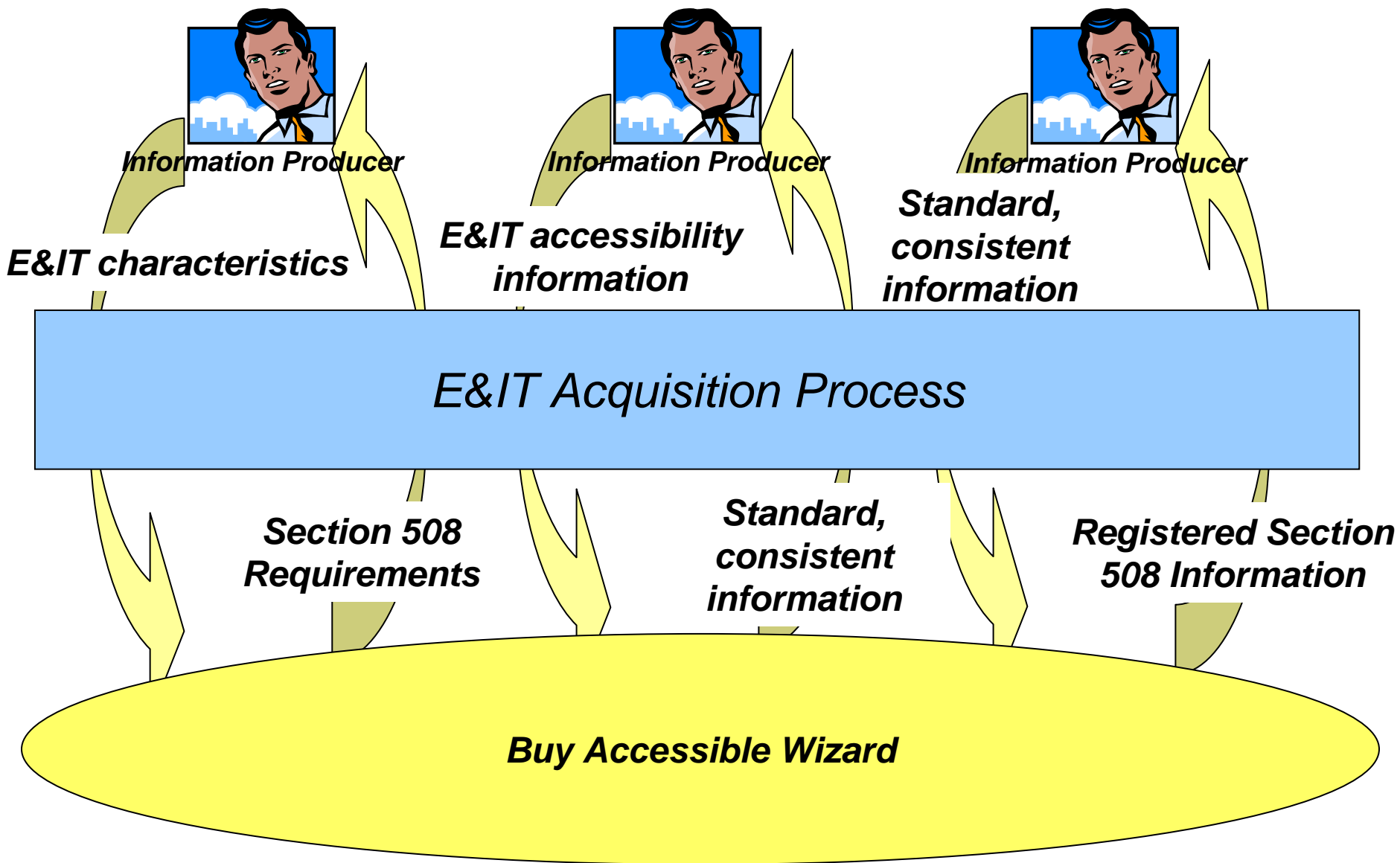
- Information Available via Buy Accessible
 - Vendor ‘gateway’ sites for accessibility
 - Vendor capability statements
 - Some links to specific product information (VPAT)
- ‘Mining’ the data in Buy Accessible
 - Navigating vendor ‘gateway’ sites to access and register accessibility information for specific products

Registering Additional Types of Accessibility Information

- Count number of applicable provisions, fully supported, partially supported, and not supported as reported by the vendor VPAT
 - Equivalent facilitation considered fully supported
 - What about “supports with compatible AT”?
- Create summary ‘product-level’ accessibility assertions based on existing VPATs
 - If $(\text{fully_supported}/\text{applicable}) = 1$, then fully supported
 - If $(\text{fully_supported}/\text{applicable}) < 1$, then partially
 - If $(\text{not_supported}/\text{applicable}) = 1$, then not supported

Producer Use Cases

- Determine Applicable Requirements
 - Section 508 Relevance and Applicability
- Produce Market Research Information
 - Templates for standard types and formats
 - Content form fillers for consistent language
- Register External Reference to Information
 - Information hosted and maintained by producer
 - Register pointer to producer owned information



Register with Data Center

- Register one time as vendor, then once for each E&IT product or service as appropriate
 - 1 to 1 relationship between vendor and Index
 - 1 to many relationship between vendor and E&IT
 - 1 to many relationship between E&IT and information
- Register references to the information
 - Producer owns, hosts, and maintains information

Section 508: The Road to Accessibility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail News RSS


Address <http://www.section508.gov/index.cfm?FuseAction=Register> Go Links Customize Links Free Hotmail Google

Site Layout Controls

Change Font Verdana

Change Font Size 12px

Enter



Section 508

www.section508.gov

[Buy Accessible](#) | [508 Law](#) | [508 & You](#) | [508 Training](#) | [508 Coordinators](#) | [Accessibility Forum](#) | [FAQs](#) | [Events](#)

Search

- Buy Accessible Products
- Buy Accessible Services
- Section 508 Website

Search Clear

Additional Links

- ❖ [Advanced Search](#)
- ❖ [Communications/Media](#)
- ❖ [508 Tools & Resources](#)
- ❖ [AT Showcase](#)
- ❖ [Contact Us](#)

Buy Accessible Vendor Registration

Before registering as a new vendor, please be sure to check the [Registered Companies List](#) to see if your company has already been registered in the Buy Accessible database. If you cannot find your company name in the dropdown list of vendors, you will be able to add your company as a new vendor in the Buy Accessible database.

If your company is already listed as a vendor, your registration to be added as a new user will automatically be forwarded to the designated primary "Buy Accessible" administrator in your company. It is then up to the primary administrator to verify your information and decide whether or not you will be given access to add products to your company's profile. Your company's primary administrator name is included in the return email confirmation you receive after you register. Because your company profile information is maintained by your company's primary administrator, our web team cannot determine the length of time it will take to process your registration request. However, if you have not received notice of a status decision within 48 business hours, please email buy.accessible@gsa.gov with your information.


If your company is not listed and you proceed to register your company, you will be automatically assigned as the **primary administrator** for your business. As primary administrator, you have the option to update and maintain the information that you provide in your Buy Accessible company profile.

New Vendor Registration Form (* Required Field)

* First Name

* Last Name

- ❖ [Secure Login](#)
- ❖ [Register For The 508 Universe](#)
- ❖ Register For Buy Accessible:
 - [Product Vendors](#)
 - [Service Providers](#)
- ❖ [Check Vendor Status](#)

 [Printer Friendly](#)

Internet

Start Seema Jetli... Section 5... Accessibilit... My Yahoo! ... Microsoft P... 99% 10:33 AM

Section 508: The Road to Accessibility - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail News RSS

Address <http://www.section508.gov/index.cfm?FuseAction=Register> Go Links Customize Links Free Hotmail Google

Search

- Buy Accessible Products
- Buy Accessible Services
- Section 508 Website

Search Clear

Additional Links

- [Advanced Search](#)
- [Communications/Media](#)
- [508 Tools & Resources](#)
- [AT Showcase](#)
- [Contact Us](#)

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If your company is already listed as a vendor, your registration to be added as a new user will automatically be forwarded to the designated primary "Buy Accessible" administrator in your company. It is then up to the primary administrator to verify your information and decide whether or not you will be given access to add products to your company's profile. Your companies primary administrator name is included in the return email confirmation you receive after you register. Because your company profile information is maintained by your company's primary administrator, our web team cannot determine the length of time it will take to process your registration request. However, if you have not received notice of a status decision within 48 business hours, please email buy.accessible@gsa.gov with your information.

If your company is not listed and you proceed to register your company, you will be automatically assigned as the **primary administrator** for your business. As primary administrator, you have the option to update and maintain the information that you provide in your Buy Accessible company profile.

New Vendor Registration Form (* Required Field)

| | |
|--------------------|---|
| * First Name | <input type="text" value="Enter First Name"/> |
| * Last Name | <input type="text" value="Enter Last Name"/> |
| * E-mail Address | <input type="text" value="Enter Email Address"/> |
| * Telephone Number | <input type="text" value="Enter Telephone Number"/> |
| FAX Number | <input type="text" value="Enter Fax Number"/> |
| Company: | <input type="text" value="My Company Is Not Listed"/> |

- [Secure Login](#)
- [Register For The 508 Universe](#)
- Register For Buy Accessible:
 - [Product Vendors](#)
 - [Service Providers](#)
- [Check Vendor Status](#)

Buy Accessible Wizard Welcome - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Refresh Links python wxPython java jparty NPCGen timesheets Dictionary.com EMG Wikipedia

Address http://localhost:8080/baw/Main.jsp Go

Google Search Web 231 blocked AutoFill Options

Welcome to the Buy Accessible Wizard!

Site Layout Controls

Change Font

Change Font Size

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The Buy Accessible Wizard is a web-based application to facilitate compliance with the requirements of Section 508.

Invalid login or session. Please try again.


Registered user, please login to access your saved data. ↓

User Login

Login Name

Password

Non-registered/guest users select "Proceed" to start a new Wizard session. →



[What is the Buy Accessible Wizard?](#)

[Who should use this Wizard?](#)

[To register as a government user click here](#)

[To register as an E&IT vendor click here](#)

Links to Other Resources: ■ [Section508.gov](#) ■ [U.S. Access Board](#) ■ [Federal Acquisition Information Resources](#) ■ [Federal Acquisition Training Resources](#)

[? Questions or Comments](#) ■ [Privacy Statement](#)

Local intranet



Buy Accessible Wizard - Vendor Registration

Site Layout Controls

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Notice : The Buy Accessible Wizard is a web-based application to facilitate compliance with the requirements of Section 508. The Wizard can be used by anyone by proceeding in as "guest" (clicking "Proceed" on the welcome page) to access the full functionality of the Wizard without any data save privileges.

To register, the vendor is required to provide information necessary to associate them with their data. Please review [Security and Privacy Policy Statements](#). Only the registered vendors are provided data management capabilities. Although guest vendors have no data management capabilities, Wizard reports can be saved by anyone in any common office document format (.doc, .rtf, .txt, .html, etc.) supported by the vendor's browser.

GSA will audit vendor registration and contact anyone who might not be using the Wizard according to the guidelines. Abuse will result in removal as a "registered vendor".

Create a login name (required):

Create a password (required):

Re-enter password (required):

Enter Fullname (required):

Enter Title (required):

Enter email (required):

Enter phone (optional):

Enter fax (optional):

Organization Type
 General Vendor
 Assistive Technology Vendor

Enter Company Name (required):

Business Role
 Manufacturer or Service Provider
 Distributor or Reseller

Enter Company Website (required):

Enter Company Address 1 (required):



Produce Information

- Information identifying the vendor and related E&IT products or services as appropriate
 - Vendor to Data Center: one to one
 - Vendor to E&IT data: one to many
- Templates for standard format structure
 - Standard language for comparable content

Buy Accessible Wizard Vendor Start - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Refresh Links python wxPython java jparty NPCGen timesheets Dictionary.com EMG Wikipedia

Address http://localhost:8080/baw/VendorBrowser.jsp Go

Google Search Web 231 blocked AutoFill Options

Vendor Browser

Site Layout Controls

Change Font

Change Font Size

Enter

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E&IT accessibility information registered by demo1: 2

Select an existing product/service then click **Open** or **Delete**, or select **Register New Product** or **Register New Service** to register E&IT accessibility information.

[What is a Wizard data summary?](#)

[Who can read and write Wizard data?](#)

[How does this relate to my procurement?](#)

Register Multiple Products:

| Product/Service | Id | Name | Creation Date | Description | Accessibility Info |
|-----------------------|----|-------------------------------|---------------|---|--------------------------|
| <input type="radio"/> | 2 | Canon Color Laser Copier 1000 | 02/26/2002 | Canon color systems provide high quality digital color laser copying. | VPAT URL |
| <input type="radio"/> | 3 | Canon Color Laser Copier 5000 | 02/26/2002 | Canon color systems provide high quality digital color laser copying. | VPAT URL |

Links to Other Resources: [Section508.gov](#) [U.S. Access Board](#) [Federal Acquisition Information Resources](#) [Federal Acquisition Training Resources](#)

[Questions or Comments](#) [Privacy Statement](#)

Local intranet


Buy Accessible Wizard: Add Vendor Product - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Refresh Links python wxPython java jparty NPCGen timesheets Dictionary.com EMG Wikipedia

Address http://localhost:8080/baw/AddVendorProduct.jsp Go

Google Search Web 231 blocked AutoFill Options



Buy Accessible Wizard - Add Vendor Product

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Site Layout Controls


Change Font

Change Font Size

Notice : The Buy Accessible Wizard is a web-based application to facilitate compliance with the requirements of Section 508.

To register a product, the vendor is required to provide information necessary to associate them with their data. Please review [Security and Privacy Policy Statements](#). Only registered vendors are provided data management capabilities.

| | |
|---|---|
| Product Name | <input type="text"/> |
| Product Type | <input type="text" value="Software"/> |
| Product Description | <div style="border: 1px solid gray; height: 80px;"></div> |
| Product Point of Contact | <input type="text"/> |
| Point of Contact Phone Number | <input type="text"/> |
| Point of Contact Email | <input type="text"/> |
| Detailed VPAT URL | <input type="text"/> |
| Total Standards Applicable | <input type="text"/> |
| Total Standards Supported | <input type="text"/> |
| Total Standards Partially Supported | <input type="text"/> |
| <input type="button" value="Add"/> <input type="button" value="Close"/> | |



Links to Other Resources: [Section508.gov](#) [U.S. Access Board](#) [Federal Acquisition Information Resources](#) [Federal Acquisition Training Resources](#)

[Questions or Comments](#) [Privacy Statement](#)

Done Local intranet



Buy Accessible Wizard - Add Vendor Service

Site Layout Controls

Change Font

Change Font Size

Enter

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Notice : The Buy Accessible Wizard is a web-based application to facilitate compliance with the requirements of Section 508.

To register a Service, the vendor is required to provide information necessary to associate them with their data. Please review [Security and Privacy Policy Statements](#). Only registered vendors are provided data management capabilities.

| | |
|-------------------------------|----------------------|
| Service Name | <input type="text"/> |
| Service Description | <input type="text"/> |
| Service Point of Contact | <input type="text"/> |
| Point of Contact Phone Number | <input type="text"/> |
| Point of Contact Email | <input type="text"/> |
| 508 Commitment Statement | <input type="text"/> |
| References | <input type="text"/> |
| Example URLs | <input type="text"/> |



Modify / Maintain Information

- Variant of Produce Information
 - Information identifying the vendor and each related E&IT product or service offering
 - Templates for standard format structure
 - Form fillers for consistent content
- How to verify producer authenticity?



Next Steps

30 March 2005

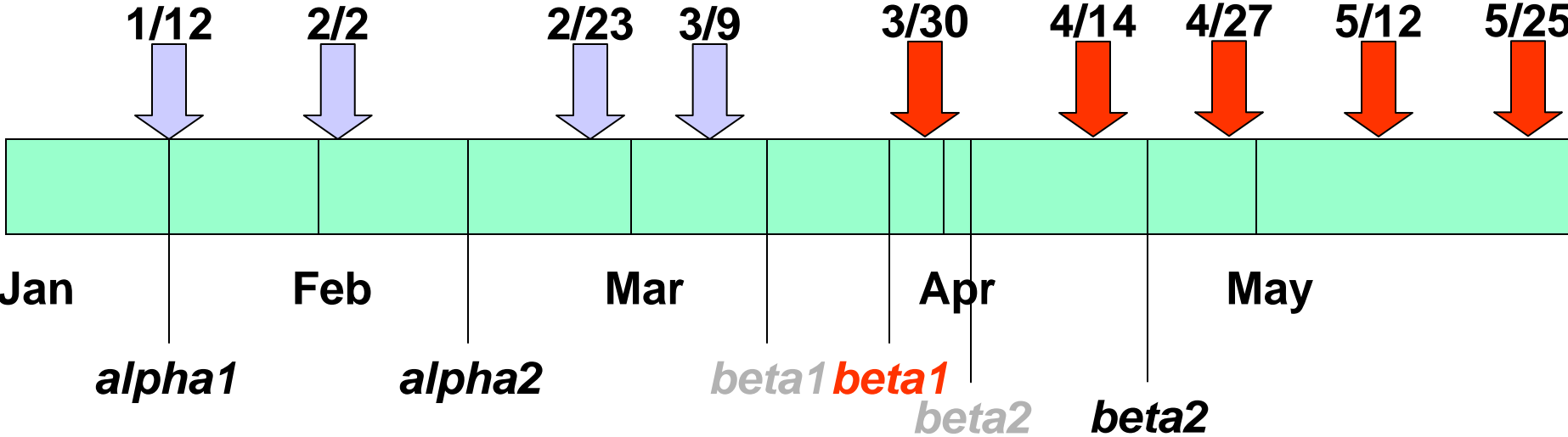
What's Next?

- Buy Accessible Wizard release 1
 - Publicize at FOSE, IRMCO ...
- Focus Group Deliverables
 - Micropurchase market research 'seed' data
 - Prototype development schedule
- Meeting Schedule
 - Next meeting set for April 14, 2005

Development Timeline



Focus Group Meetings



Prototype Release Schedule



Thank You