



## **Eagle Transfer's Web-Based Inventory Management System**

Eagle Transfer Corporation has developed a proprietary Web-based inventory management system for real-time management and customer access to all warehoused assets. The system was designed and built using state-of-the-art web development tools including Microsoft SQLServer™ and Adobe Coldfusion™. The system is currently hosted and maintained within Eagle Transfer's corporate offices in Long Island City. It is supported and protected by the latest in network security hardware and software. The software development environment was specifically selected to allow rapid and affordable enhancement and modification of the Inventory system to meet the specific needs of Eagle Transfer and its customers.

The application is divided into two functional areas:

A public site accessible through Eagle Transfer's corporate website [www.eagletransfer.com](http://www.eagletransfer.com) is available for customer users to query and view their inventory items. Access to this site is controlled using login ids and passwords maintained by Eagle Transfer. All customer assets can be organized using a customer defined category and sub-category classification. An image of the asset can be stored and viewed by the user. Exception codes are used to uniformly describe the condition of the items.


Currently, the customer application provides query-only functionality allowing authorized users to view warehoused assets at a high level and in detail including images. All additions, deletions, and modifications to a customer's data are preformed by Eagle Transfer's staff. If required by its customers, Eagle Transfer has the ability to enhance the application to provide online customer requests for asset pick-up or delivery.

A private administration site is available for Eagle Transfer employee users to query and maintain inventory items for all customers as well as perform system administrative functions. All code tables including users, customers, categories, sub-categories, manufacturers, sizes, colors, location and exceptions are maintained by Eagle Transfer staff.

The following pages show example screen shots of both the customer and Eagle Transfer employee applications with descriptions of the software functionality and all data elements stored for each item.

# Eagle Employee Application: Create New Inventory Item(s)

This is the main screen used by Eagle to create one or more customer inventory records. Inventory images are uploaded.



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TRANSFER  
A SUPERIOR MOVING & STORAGE SERVICE

Eagle Transfer Corporation  
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[Change Password](#)

Create New Inventory Item

Select Inventory Item For Removal

Customer Maintenance

Contact Us

Create New Inventory Item

Customer:  Number of Items to Create:

Category:  Sub-Category:

Customer Reference Number:

Item Description:

Size:  Color:

Manufacturer:

Notes:

*Inventory Information:*

Warehouse:  Location:

Date Received:

*Item Exceptions:*

Exception 1:  Exception 2:

Exception 3:  Exception 4:

*Item Photo Information:*


Picture Number:  [Upload Photo](#)

Create Items

\* Bold indicates a required field

## C. CUSTOMER USER APPLICATION - Customer Inventory Query

This is the main customer query function that allows customers to search for inventory items using a variety of selection criteria.



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### Inventory Query

Find Item where ET Inventory Number is

Find Items where Customer Reference is:

Find Items where Category is

Find Items where description contains

Find Items where Manufacturer is

Find items received between   and

Find items removed between   and

Sort search results by:


Send search results to:

### Functionality:

- |   |   |
|---|---|
| <p><input type="radio"/> Find Item where ET Inventory Number is</p>   | User entered. This query will always return only one record (there cannot be more than one item with the same ET inventory number).   |
| <p><input type="radio"/> Find Items where Category is</p>   | User selected from drop-down of user-maintained category table.   |
| <p><input type="radio"/> Find Items where description contains</p>  | User entered. Query will find records where the description field contains the word or phrase entered.  |
| <p><input type="radio"/> Find Items where Manufacturer is</p>   | User selected from drop-down of user-maintained manufacturer table.   |
| <p><input type="radio"/> Find items received between</p>  | User entered. <input style="font-size: 0.8em; border: none; border-bottom: 1px solid #ccc;" type="text"/> Displays calendar for date selection. MM/DD/YYYY format required. |
| <p><input type="radio"/> Find items removed between</p>   | User entered. <input style="font-size: 0.8em; border: none; border-bottom: 1px solid #ccc;" type="text"/> Displays calendar for date selection. MM/DD/YYYY format required. |
| <p>Sort search results by:</p>  | User selected from drop-down. Drop-down will include: ET Inventory # (default), Category, Description, Manufacturer, Date Received.   |
| <p>Send search results to:</p>  | User selected from drop-down. Drop-down will include: Browser (default), Download.  |
| <div style="border: 1px solid #ccc; background-color: #ccc; padding: 2px 10px; display: inline-block;"><span style="color: #0070C0; font-weight: bold;">Submit Query</span></div> | Will return a list page showing one or more item records that meet the search criteria. See <b>C2. Inventory Item List</b>  |

## C2. Customer Application - Inventory Item List

This is the primary results screen for all query results.







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Inventory List  
<AIG Corporation>  
Inventory Items Received between: 1/1/2007 - 1/31/2007

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ET Inv Number	Description Size	Category Sub-Category	Color Manufacturer	Received Removed	Whse Loc
<a href="#">AB0001</a>	Secretary, fabric covered <i>Exceptions: New, Wrapped at Job Site</i>	 Chair Star Office	Grey	01/05/2007 02/15/2007	MAIN 7E23-C
<a href="#">AB0002</a>	Hutch, three shelves 25-1/4"H x 35 1/2"W x 10"D	 Hutch Wood	Maple O'Grady	01/07/2007	MAIN 6A43-B
<a href="#">AB0003</a>	Computer Desk 30"H x 35-1/2"W x 28"D <i>Exceptions: Scratched, Chipped</i>	 Desk Computer	Safecomp	01/07/2007	EAST 1A22-B
<a href="#">AB0004</a>	Desk 29 1/2"H x 66"W x 30"D	 Desk Executive	Mahogany O'Grady	01/30/2007	MAIN 7E32-C

4 records found.

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### Functionality:

<a href="#">&lt;Customer Name&gt;</a>	Will be displayed for customer users only.
<a href="#">ET Inv Number</a>	Sorts results by ET Inventory Number (default).
<a href="#">Description</a>	Sorts results by Item Description.
<a href="#">Category</a>	Sorts results by Item Category / Description.
<a href="#">Color</a>	Sorts results by Item Color / Description.
<a href="#">Received</a>	Sorts results by Date Received / Category / Description.
<a href="#">Removed</a>	Sorts results by Date Removed / Category / Description.
<a href="#">Whse</a>	Sorts results by Warehouse / Location / Description.
<a href="#">AB0001</a>	Displays select item. See <b>C4. View Item Inventory</b>
<i>Exceptions</i>	Description of exceptions will print in italics under the size only when they have been entered.

### C3. View Inventory Item

The page below displays the Inventory Item Detail. Note that the header and side menu have been excluded from this example. All users will see an ET header, footer and side menu.

#### View Inventory Item

ET Inventory #: GS0003      Customer:

Category:       Sub-Category:

Customer Reference Number:

Item Description:

Size:       Color:

Manufacturer:

Notes:

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*Inventory Information:*

Warehouse:       Location:

Date Received: 01/07/2007      Date Removed:

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*Item Exceptions:*


Exception 1:       Exception 2:

Exception 3:       Exception 4:

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*Item Photo Information:*

Picture Number:       [Change Photo](#)      ABDesk1.jpg



#### Functionality:

Employee users will be able to update item details using the page above. Field validation will be the same as **B1 Create New Inventory Items**. Customer users will see the same data in display mode only. Only employee users with administrative access will be able to modify the Date Removed.