

# iMailtoo!™ Release Notes

Integrated Systems Associates, Inc.

Updated On: October 24, 2011

All iMailtoo! version updates are cumulative. This means all enhancements and fixes are contained in subsequent releases.

Important: If updating from an older release, please read the between version documentation below. Most updates can be handled by installing the latest version of iMailtoo! at each shipping pc. Periodically, an updated My\_iMailtoo.cls file will need to be imported. And a very small percentage of the time, some changes to the Clippership host programming will be required. As modifications are made, a fully functional iMailtoo! Starter Kit and installation file will be posted for download on our FTP site and website. If needed, please contact us for details on downloading iMailtoo!.

Download the latest iMailtoo! Starter Kit at: <http://www.integratedsys.net/downloads/imailtoo.zip>.

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## IM5506

released on 11/23/2011

After installing this update, no Kewill.Integrated (KI) programming modification are required if iMailtoo! version 5.4.02 or greater is installed [released on 03-25-2010]. However, if you wish to take advantage of the latest Endicia services, you must update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! zip file release.

**NEW Function** - RequiresDomesticCustoms (*State as String*) as Boolean

This function is used to determine if the Domestic destination may possibly require a customs declaration (e.g. APO/FPO, Puerto Rico, etc.). Previous iMailtoo! KI Starter Kits have a two character State code list hard-coded into the *MilitaryAddress* KI function. The latest Starter Kit makes use of *RequiresDomesticCustoms* function which looks at the user configurable list that's in the label setup section of the iMailtoo! Configuration Utility.

### Reported Issue #1

Unable to launch the International Customs Declaration data collection window after updating to iMailtoo! version 5.5.05.

### Issue #1 Solution

If either of the two optional parameters for the *Show\_International\_Form* function were not provided, the function exited and the user was unable to enter customs information. To resolve, update to 5.5.06 or provide the optional parameters.

### Reported Issue #2

After updating to Kewill.Integrate version 2.01.1 on a Windows XP workstation, iMailtoo! radio button labels appear as black lines. Thus the user is unable to read what they're selecting.

### Issue #2 Solution

KI v2.01.1 incorporated the use of Windows XP themes into dialog boxes, which had a negative effect on most iMailtoo! radio buttons and some command buttons. This issue has been corrected in 5.5.06.

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## IM5505

released on 10/24/2011

After installing this update, no Kewill.Integrated (KI) programming modification are required if iMailtoo! version 5.4.02 or greater is installed [released on 03-25-2010]. However, if you wish to take advantage of the latest Endicia services, you must update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! zip file release.

### Windows® 7 Support

iMailtoo! 5.5.05 now fully supports Windows® 7 32-bit and 64-bit, while also continuing to support Windows® XP 32-bit. In order to resolve Windows 7 user restrictions, all iMailtoo! settings have been moved from the Windows registry (HKEY\_LOCAL\_MACHINE\Software\Envelope manager\IsaPlugin) to an INI file in the all users - application data folder. When updating existing iMailtoo! systems to version 5.5.05, the installer will attempt to export these settings from the Windows registry to the Settings.INI file. The new default installation folders are as follows:

- **Windows® XP - iMailtoo! updates:** Default installation folder will continue to be [C:\Program Files\iMailtoo!](#) (no changes).
- **Windows® XP - New iMailtoo! installations:** New default installation folder is [C:\Documents and Settings\All Users\Application Data\iMailtoo!](#).
- **Windows® 7 - New iMailtoo! installations:** New default installation folder is [C:\ProgramData\iMailtoo!](#). This folder is hidden by default.
- The [Settings.INI](#) file is stored in this folder and now contains all configuration values that were previously stored in the Windows registry.

**NEW** - Important label (layout) changes that may affect some systems

Endicia has announced that there will be International and APO label changes that may affect some iMailtoo! systems - domestic labels will remain unchanged. The iMailtoo! label configuration utility has been modified to allow for the new or legacy label setup.

**ADVANTAGES** - The advantages to using the new labels and updating to IM5505 or greater are as follows:

- Prints a 4" x 6" shipping label with integrated 2976 or 2976-A customs form and includes the Postal round stamp.
- The system will automatically decide to use a 2976 or 2976-A form based on the package details and service level.
- The system will automatically switch to the large 2976-A laser printer form if more than 5 customs lines are entered.

**NEW LABELS** - 4 new DAZzle layouts that should be used moving forward:

- International Label-Large
- International Label-Small 6X4
- APO and US Territory Label – Large
- APO and US Territory Label - Small 6x4

**DEPRECIATED LABELS** - The following layouts will not be included in new installer of DAZzle for the January 2012 USPS price change release (please note that DAZzle will not remove any labels on existing installations):

- APO FPO Mail Shipping Label
- Dymo4XL Small First Class Mail International Shipping Label
- Dymo4XL Small Priority Mail International Shipping Label
- Small First Class Mail International Shipping Label
- Small Priority Mail International Shipping Label
- Zebra Small First Class Mail International Shipping Label
- Zebra Small Priority Mail International Shipping Label
- Large Express Mail International Shipping Label
- Large Priority Mail International Shipping Label
- Dymo4XL International mail shipping label
- International Label Half Page
- International mail shipping label
- Zebra International mail shipping label

**SOLUTIONS** - The following options are available to resolve this issue for new DAZzle installations:

1. Install IM5505 or greater and verify the label configuration.
2. OR - copy the depreciated labels from a workstation that has them.
3. OR - copy one of the new labels and rename it to a depreciated label name

**NEW** - Override the configured label at print time

Customize an existing label or create your own with DAZzle, then set these new iMailtoo! properties with your label name just prior to calling the Ship\_Package function. iMailtoo! will then print your label instead of the configured label and then reset back to its default label for the next package. This option turns DAZzle into your own custom label application as labels can be set not to print postage. DAZzle can also assign and print a valid delivery confirmation number on this non-rated custom label.

- LabelOverride: Enter the label name including the .lyt extension.
- LabelOverrideHasFullPath: Set this option to True if the label (above) includes the full path. Otherwise, iMailtoo! assumes the label exists in the DAZzle label folder.
- Kewill.Integrate Support: Since this feature has enabled many options for programmers, we've opted not to modify the default iMailtoo! KI Starter Kit. The My\_iMailtoo - CS\_AfterOrderTotals will need to be modified to allow the carrier code(s) to step into the condition that calls the Ship\_Package function. If the label is not being used for USPS services, the MailClass property should be set to NONE otherwise postage may be deducted. It is strongly suggested that any changes made to the My\_iMailtoo class module are well documented within the code. On some rare occurrences, an iMailtoo! update may require the My\_iMailtoo class file to be replaced and custom changes will need to be re-added.

## IM5504

released on 07-27-2011

After installing this update, no Kewill.Integrated (KI) programming modification are required if iMailtoo! version 5.4.02 or greater is installed [released on 03-25-2010]. However, if you wish to take advantage of the latest Endicia services, you must update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! zip file release.

**NEW** - Open and Distribute service

Open and Distribute enables the shipper to ship many similar mail pieces to a USPS distribution center in one master carton via Priority Mail or Express Mail. There are many restrictions to this service so please contact your local post office or visit the USPS website for complete details. The "Open and Distribute Label.lyt" DAZzle label must be configured in the iMailtoo! label setup utility and then assigned to a printer within DAZzle. Two new iMailtoo! properties have been added to support this service.

- **OpenAndDistribute\_Enable** - Boolean value that enables or disables usage of this service.
- **OpenAndDistribute\_MailClassEnclosed** - Free-form text that describes the mail class of the enclosed mail pieces.

If OpenAndDistribute\_Enabled is set to TRUE but OpenAndDistribute\_MailClassEnclosed has not been assigned a value, the shipper will be prompted to enter a mail class just prior to printing a label. Enabling this service without supplying a mail class will return a -325 error "Missing enclosed mail class for Open and Distribute". These properties may be set programmatically or through the iMailtoo! special services utility.

#### NEW - Adult Signature Required

Requires the signature of anyone in the household who is 21 years of age or older. This service is not available in Clippership so applicable fees will be updated in Clippership after the label has printed. These properties may be set programmatically or through the iMailtoo! special services utility.

- **AdultSignatureRequired** - Boolean value that enables or disables usage of this service.

Service restrictions: Must be used with Priority Mail, Express Mail, Critical Mail (*not available*), Parcel Select Barcodes Nonpresort (*not available*) or Parcel Select Regional Ground (*not available*).

#### NEW - Adult Signature Restricted

Requires the signature of the addressee or their authorized agent, who is 21 years of age or older. This service is not available in Clippership so applicable fees will be updated in Clippership after the label has printed. These properties may be set programmatically or through the iMailtoo! special services utility.

- **AdultSignatureRestricted** - Boolean value that enables or disables usage of this service.

Service restrictions: Must be used with Priority Mail, Express Mail, Critical Mail (*not available*), Parcel Select Barcodes Nonpresort (*not available*) or Parcel Select Regional Ground (*not available*).

#### NEW - Flat-Rate Large Board Game Box

A new flat-rate PackageType has been added to iMailtoo!, however, this service is not available in Clippership. If you wish to use this service, you must modify the KI logic to switch to this package type based on your criteria. Since it's a flat-rate service, the Clippership ship charge may be easily altered through KI to display the correct rate. Clippership shipping charges will be updated by iMailtoo! after the label has been printed.

- USAGE: *Object*.PackageType = FLATRATELARGEBOARDGAMEBOX

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## IM5503

released on 07-18-2011

If you are running iMailtoo! version 5.4.02 or greater (released on 03-25-2010), no Kewill.Integrate changes are required after updating iMailtoo!. However, as always, we suggest to update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! release.

#### NEW - DAZzle Account Number Verification

In efforts to better maintain Endicia account information, this version now supports a new iMailtoo! 20 character license key that contains the customer's encrypted Endicia account number. On iMailtoo! startup or after a license update, iMailtoo! compares its internal Endicia account number to the account number configured within DAZzle. If a match is not found, the user will receive the following error and iMailtoo! will be disabled.

- Return Code: -409
- Return Description: "Incorrect DAZzle account number"

Your existing license key will continue to work in all iMailtoo! versions. However, new license keys are not compatible with older iMailtoo! versions. The license keys will be distributed as follows:

- New Licenses: For all new iMailtoo! installations, the installer will be provided with the new 20 character licensing scheme.
- License Renewals: The installer may be asked to provide the currently installed iMailtoo! version and/or if they're planning on updating to version 5.5.03. If the version is unknown or there is any doubt, the installer will be provided with the older 20 character licensing scheme.

If a new license key is input into an older version's configuration, the status will be returned as EXPIRED with an expiration date of 07/17/2011. Then, if Clippership is restarted after an incorrect license update, iMailtoo! will return a Run-time error '15', Type mismatch error and will be unable to launch. Please follow the steps below to correct this issue.

1. Contact Integrated Systems to generate a license key for your specific iMailtoo! version.
2. Once an updated key has been obtained, exit Clippership.
3. Open the Windows registry (regedit) on the offending computer.
4. Go to the following key: HKEY\_LOCAL\_MACHINE\SOFTWARE\Envelope manager\IsaPlugin\General
5. Edit the ModuleLicense key and enter the provided license key.
6. Save and exit the Windows registry and reopen Clippership.
7. Repeat steps for each offending workstation.
8. Please contact our office if the error persists.

Please be advised that we will continue to support the old iMailtoo! 20 character license key, but eventually all customers should upgrade to the latest iMailtoo! version and key. There is currently no mandatory upgrade date.

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## IM5502

released on 05-27-2011

If you are running iMailtoo! version 5.4.02 or greater (released on 03-25-2010), no Kewill.Integrate changes are required. However, as always, we suggest to update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! release.

**MODIFIED** - KI Starter Kit Auto-setting (for new installations)

In previous iMailtoo! Starter Kits, the installer was required to set the following properties in the Clippership\_OnEachUser sub:

- [Postal.ClipperOldAddressMethod = True / False](#)
- [Postal.ClipperUSPSFullCompliance = True /r False](#)
- [Set Postal.Clipper = Clippership\\_Host\\_Object\\_Name.](#)

All new KI Starter Kits will auto-detect these settings from the Clippership configuration files so the installer will no longer need to manually modify the KI code. Existing customers using the old method will not be affected.

**NEW** - Demo Mode Configuration Option

iMailtoo! is now distributed with the following 3 configuration options:

Production: DAZzle must be installed and configured with valid Endicia Platinum account information. If an iMailtoo! package was shipped, postage will be deducted for the Endicia account and a valid USPS shipping label will be printed.

Test: DAZzle must be installed and configured with valid Endicia Platinum account information. However, if an iMailtoo! package is shipped, postage will not be deducted from the Endicia account and a shipping label will be printed with the text "VOID DO NOT MAIL" running through the center of the label and postage barcode. This label will be rejected if sent through the USPS mail stream.

Demo: DAZzle does not need to be installed. Address validation may be enabled, but the user will randomly be prompted to switch to Test or Production mode. When a package is shipped, an image of the DAZzle application will appear and simulate production shipping. When DAZzle disappears, the transaction will complete and another package may be shipped. A shipping label will not be printed and the function will always return a 22 character tracking number of 9101234567807285012345 and a charge of \$4.80.

*\*All above options require a valid iMailtoo! license.*

**IM5501**

released on 03-03-2011

This iMailtoo! update supports the April 2011 rate change.

If you are running iMailtoo! version 5.4.02 or greater (released on 03-25-2010), no Kewill.Integrate changes are required. The new iMailtoo! services will be available immediately after installing the IM5501.EXE at each workstation. However, as always, we suggest to update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! release.

**NEW** - Support for new Clippership carrier codes

Clippership version 14.8.00 support the following new USPS services:

- USPS Priority Mail Legal Flat-Rate Envelope
- USPS Express Mail Legal Flat-Rate Envelope
- USPS Priority Mail Regional Rate Box A
- USPS Priority Mail Regional Rate Box B

The My\_iMailtoo.cls file (provided in the iMailtoo! Starter Kit) includes a function that converts Clippership Internal Codes to iMailtoo! Services and Package Types so no additional KI programming changes are required. Please see the conversion matrix below.

CS IntCode	iMailtoo! Mail Class	iMailtoo! Package Type	Service Description
P16	PRIORITY	FLATRATELEGALENVELOPE	USPS Priority Mail Legal Flat-Rate Envelope
P17	PRIORITY	REGIONALRATEBOXA	USPS Priority Mail Regional Rate Box A
P18	PRIORITY	REGIONALRATEBOXB	USPS Priority Mail Regional Rate Box B
P19	EXPRESS	FLATRATELEGALENVELOPE	USPS Express Mail Legal Flat-Rate Envelope

NOTE: The new services above will use the Priority Mail labels that are already configured within the iMailtoo! Configuration Utility, so there is no additional label setup. The user may begin using the new services once the iMailtoo! update is applied and the new carrier codes are added to Clippership.

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## IM5500

released on 01-17-2011

This iMailtoo! update supports the new January 2011 Package Types and Hold for Pickup service. Since iMailtoo! does not calculate rates, it's not affected by the 2011 rate changes. *At this time Critical Mail is not supported.*

If you are running iMailtoo! version 5.4.02 or greater, no Kewill.Integrate changes are required. However, as always, we suggest to update the My\_iMailtoo.cls file and Clippership Host programming calls with those bundled with the latest iMailtoo! release.

### NEW - Additional Package Types

- FLATRATEGALENVELOPE - Flat Rate Legal Envelope for PM & EXP Mail (Domestic Only)
- FLATRATEGIFTCARDENVELOPE - Flat Rate Giftcard Envelope - PM & EXP Mail (Domestic Only)
- FLATRATEWINDOWENVELOPE - Flat Rate Window Envelope - PM and EXP Mail (Domestic Only)
- FLATRATECARDBOARDENVELOPE - Flat Rate Cardboard Envelope - PM & EXP Mail (Domestic Only)
- SMALLFLATRATEENVELOPE - Small Flat Rate Envelope - PM & EXP Mail (Domestic Only)
- REGIONALRATEBOXA - Regional Rate Box A for Priority Mail (Domestic Only)
- REGIONALRATEBOXB - Regional Rate Box B for Priority Mail (Domestic Only)

### NEW - Hold for Pickup Service

Send packages to a USPS facility and the customer is contacted to pickup their goods (see the USPS website for more details). Requires special labels to be setup in both DAZzle and the iMailtoo! Configuration utility. It is suggested to use "Hold For Pickup label.lyt" for First Class Mail, Priority Mail and Parcel Select services and "EXPRESS MAIL HFP SHIPPING LABEL.LYT" for Express Mail (Domestic services only).

- HoldForPickup - Boolean - enables Hold for Pickup service
- HFP\_FacilityID - 20 char - Facility ID of Post Office to hold item for pickup
- HFP\_FacilityName - 150 char - Facility Name ...
- HFP\_FacilityAddress - 150 char - Facility Address ...
- HFP\_FacilityCity - 50 char - Facility City ...
- HFP\_FacilityState - 25 char - Facility State ...
- HFP\_FacilityZip5 - 5 char - 5 digit ZIP Code ...
- HFP\_FacilityZip4 - 4 char - +4 add-on ZIP Code ...
- SMS\_TextNumber - 50 char - a phone number for the recipient that the USPS can send an SMS text message to. Either Email or SMS\_TextNumber is required when HoldForPickup is TRUE.

### MODIFIED - Customs Declaration line items increased from 5 to 30

In previous iMailtoo! versions, 3 line items were allowed for Form 2976 and 5 lines for Form 2976A. These number have been increased to 5 and 30 respectively. The Customs Declaration user interface has also changed to allow the increased amount of customs lines.

### MODIFIED - Delivery Confirmation Tracking Function

The USPS has changed the Delivery Confirmation application identifier for online labels (a.k.a. DAZzle) from "91" to "94". The Track\_Package function now adds a 94 instead of a 91 to the beginning of the tracking number if the tracking number is 20 characters.

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## IM5404

released on 10-28-2010

Resolved index out of range error when attempting to load an updated version of the DAZzle Country2008.dat file. This version update is only necessary if this error is displaying on iMailtoo! startup.

Please follow update instructions contained within the IM5403 release below.

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## IM5403

released on 08-02-2010

This iMailtoo! update contains new features and enhancements but is not a mandatory update. If you wish to proceed with this installation, please import the latest My\_iMailtoo.cls and modify your Clippership host programming calls with examples found within the sample CS32.KIC file. The latest iMailtoo! Starter Kit contains all the files needed for this updated.

### NEW - Integrated APO/FPO Label & Customs Declaration

Endicia has released a new label layout file named "APO FPO Priority Mail Shipping Label.lyt". This layout looks similar to the "Large Priority Mail International Shipping Label.lyt" as it is a shipping label with integrated customs information, but contains some minor adjustments for Domestic information and Delivery Confirmation tracking numbers. *\*Use of this layout requires an 8 1/2" x 11" plain paper printer.*

- The iMailtoo! label assignment utility now has a new checkbox to enable use of this layout file. If selected, all APO/FPO addressed shipments using First Class, Priority Mail, Parcel Post and Media Mail will print on the integrated label.
- Shipments addressed to Puerto Rico and other U.S. Territories will continue to print on a Domestic label with separate customs declarations.

### NEW - International Mail Advisor

This new utility takes the guess work out of USPS International shipping. In under 1 second, all applicable information regarding the selected destination country is presented to the user in an easy to use, tabbed window viewer (see below for a list of tabs and their descriptions).

- Rate Details (tab #1): View the Rates, Commitment Times, Max Weights and Max Dimensions for ALL applicable USPS International ship methods. In other words, in a split second it Rate Shops all applicable USPS International services!
- Prohibitions (tab #2): Verify that your product is not on the list of prohibited items for the selected Country.
- Restrictions (tab #3): Review restrictions for shipments to the selected Country.
- Observations (tab #4): Review observations for shipments to the selected Country.
- Customs Forms (tab #5): View a list of accepted Customs Forms for the selected Country.
- Areas Served (tab #6): Review the areas served for the selected Country.
- Express Mail (tab #7): Review all pertinent information regarding Express Mail and the selected Country.

The International Mail Advisor can be launched via one of two methods:

1. When the user is prompted to enter USPS customs information, press the new yellow "i" button at the bottom of the customs window.
2. Or by calling the new Show\_International\_Advisor function anywhere within your code, e.g. a custom function. This function has two optional parameters: WeightInOunces and ShipToCountry. If one or more of the optional parameters are null, the user will be prompted to enter a weight and/or select a destination country. *\*A new custom function to support this feature has been added to the latest iMailtoo! Starter Kit*

### NEW - USPS International Dimensions

As it stands today, Clippership does not enable the user to enter dimensions for USPS International destinations, but there are restrictions that vary from country to country. If a package exceeds the maximum dimensions for the selected country, chances are it may be held in customs and possibly returned to the shipper.

If enabled within the iMailtoo! Configuration Utility, the user will be prompted to enter dimensions for USPS First Class Mail International (Parcel and Flats), Priority Mail International and Express Mail International. The user will not be prompted for flat rate boxes or envelopes as this is packaging with predefined sizes provided by the Post Office. The dimension utility is displayed and acts as follows:

- The dimensions window enables the user to enter a length, width & depth (height), the girth is auto-calculated and shown on-screen (if applicable).
- The upper-center portion contains the USPS Response, which indicates the dimensions applicable for the selected destination.
- The lower-center portion displays the destination country and USPS service level.
- As the user enters the dimensions, the lower section will either contain a green **Check** or red **X**, based on the allowable maximum dimensions.
- This utility will be informational only and will NOT stop the user from shipping the package even if it exceeds the maximum dimensions.
- If the user continues shipping with dimensions that exceed the maximum allowed, an entry will be logged in Dim\_Err.txt file located in the iMailtoo.dll home folder.

This function can be called programmatically by calling the function Show\_IntlDims. This function has 1 mandatory string parameter - ClipperInternalCode and 1 optional string parameter - inCountryName. (example: Show\_IntlDims ( "P63", "Canada" ) ).

### NEW - ISO\_to\_Country Function

This new function returns the Country Name for the provided ISO code or an empty string if not found. This function also allows for slightly misspelled Country names if an exact match is not found.

**Function:** ISO\_to\_Country ( inISO\_Code As String )

**Returns:** String

**Example:**

```
MyCtry = ISO_to_Country ( xODBC_ISO )
If MyCtry <> "" then
    ClipperHost.SetVar "xCountry", MyCtry
End If
```

### NEW - Country\_to\_ISO Function

This new function returns the ISO code for the provided Country name or an empty string if not found.

**Function:** Country\_to\_ISO ( inCountry\_Name As String )

**Returns:** String

**Example:**

```
MyISO = Country_to_ISO ( ClipperHost.GetVar("xxCountry") )
If MyISO = "CA" then
    SQL = "INSERT INTO Table_Canda ( CA_counter ) Values( '1' )"
End If
```

## Modified - iMailtoo! Configuration Utility

The iMailtoo! Configuration Utility has been visually slightly modified, but the underlying functions have remained the same. See below for a listing of changes to this utility.

- REMOVED: The Label Configuration and Post Options buttons have been removed from the main screen. These options are still available from the File menu.
- ADDED: International section for the following options: "Enable International Mail Advisor" and "Enable in-line Dimension checking".
- MODIFIED: The file menu options have been renamed to be more descriptive.
  - File has been changed to More Settings...
  - Edit License Number is now iMailtoo! License Status
  - Label Configuration is now DAZzle Label Assignments
  - Postage Options is now Postage Warnings
  - Message Options is now Validation Messages

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## IM5402

released on 03-25-2010

This iMailtoo! update is not mandatory, but is suggested as it addresses some minor software fixes and enhancements.

If upgrading from iMailtoo! version 5.3.00 (released on 05/04/2009) or newer, no Kewill.Integrate programming changes are required. Simply run the IM5402.exe on each iMailtoo! workstation to update the system files. Versions older than 5.3.00 will need to import the latest My\_iMailtoo.cls file located in the iMailtoo! Starter Kit. Some changes to the Clippership host programming are also required. An example Clippership host file (CS32.kic) is bundled into every iMailtoo! Starter Kit.

### Fixes & Enhancements

- iMailtoo! version 5.4.01 and greater support all 3 possible DAZzle installation scenarios of Standard, Shared and Private modes. DAZzle Shared and Private modes were introduced into their software to support the Windows Vista & Windows 7 operating systems.
- Along with Endicia moving support files to new folders when in Vista & Windows 7 mode, they've also added a new Country file used for International processing. iMailtoo! will now dynamically locate the appropriate folder and newest Country file, currently Country2008.dat.
- Fixed minor quirks in the new iMailtoo! Label setup utility that was introduced in the previous version (5.4.01). These quirks were related to changing the label folder name and setting the option to User Defined. A standard iMailtoo! setup is not affected.
- A minor modification was made to the Puerto Rico Urbanization selection window to help further visualize the validated Urbanization address.
- Modified the Address Validation - Multiple Address Match Lookup window where if a range of street or suite numbers were displayed in a selection column (e.g. 1-99 as the street number), a new drop-down menu enables the shipper to select a street or suite number within the range. If the range is not numeric, such as some Puerto Rico street addresses (e.g. "C2 Calle 9"), the 3 street lines will then be enabled and user can physically modify the street address as needed. NOTE: Previous version did not allow the user to manually change the address in the multiple address match lookup window. The only option was to select one of the addresses returned by the validation function.

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## IM5401

released on - 02-04-2010

An issue has been discovered with iMailtoo!<sup>1</sup> (any version) and DAZzle<sup>2</sup> version 9.5.01 or greater.

Problem: iMailtoo! may display a "Run-time error 9: Subscript out of range" error on startup or "-303 Label layout file not found" error when attempting to ship a USPS package.

Cause Scenario #1: If the user selects "Vista and Windows 7 compatible..." from the DAZzle file menu, they will be prompted to convert the DAZzle file system to "Shared" or "Private" mode (default is Shared). Label and system files are then removed from the current DAZzle folder and placed into a globally shared folder or the user's private folder based on the option selected.

Cause Scenario #2: As of DAZzle version 10.1.01 (January 4, 2010 USPS rate change version) all new installations are automatically installed in Vista and Windows 7 compatible mode and the user must select either Shared (default) or Private mode during the installation. Label and system files are then automatically placed into a globally shared folder or the user's private folder based on the option selected.

Results: In either one of these scenarios iMailtoo! is unable to locate the required files for processing USPS.

Resolution #1 (suggested): iMailtoo! version 5.4.01 is now available for download and supports for the new Shared and Private modes, while also retaining backwards compatibility for existing DAZzle installations. We strongly suggest that all customers install this update to minimize support issues. All customers using version 5.3.00 or greater can apply this update at each workstation without any further programming modifications. Older iMailtoo! versions must also update their My\_iMailtoo.cls file and Clippership host programming calls (CS32.KIC), which can be located in both our iMailtoo! Starter Kit and in

their C:\Program Files\iMailtoo! folder after installing this update.

Resolution #2: As an interim solution for new DAZzle installations, version 9x or older may be installed. Once launched and account information is entered, DAZzle will push an automatic download to the latest version. This *should* retain the original file storage method, but is subject to change at Endicia's discretion.

<sup>1</sup>To view the current iMailtoo! version: Open Clippership, select Functions, select iMailtoo! Configuration, and then select Help & About iMailtoo!. As an alternative to launching Clippership, one could view the properties window of the iMailtoo! DLL to obtain the version. Open My Computer, browse to the C:\Program Files\iMailtoo! folder, right-click on iMailtoo.dll, select Properties and click the Version tab.

<sup>2</sup>To view the current DAZzle version: Open DAZzle and then select Help & About...

iMailtoo! Download URL: <http://www.integratedsys.net/downloads/imailtoo.zip>.

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## NEW FEATURES

### Modified Label Assignment for DAZzle Utility

The iMailtoo! - DAZzle label assignment utility has changed. In previous versions, the person installing iMailtoo! would browse to locate the desired DAZzle label layout files. The file name, with complete path, were then stored in the system registry and called by iMailtoo! as needed. To support the new Endicia features, iMailtoo! version 5.4.01 now splits the folder name from the file name and stores them separately in the Windows registry. NOTE: This version will also automatically convert existing iMailtoo! label settings to the new method on startup so there are no additional tasks after this update.

Folder Selection: The top section of the iMailtoo! label setup utility enables the installer to select one of two options: "DAZzle Default" or "User Defined". New iMailtoo! installations default to DAZzle Default while upgrades default to User Defined.

- DAZzle Default: When selected, iMailtoo! will dynamically set the folder path based on the DAZzle installation method (Shared, Private or Standard). This location may change based on the user so iMailtoo! will auto-detect the correct location on startup.
- User Defined: The installer may select to store DAZzle labels in a custom folder location. iMailtoo! will not dynamically change the folder location so it's up to the installer to verify that layout files exist in the configured folder.

File Selection: The bottom section of label utility enables the installer to select any DAZzle label layout file that exists within the selected folder. This drop-down menu is located to the right of each USPS service level and contains a list of all LYT files in the selected folder. NOTE: The list of layout files will change dynamically if the folder location is changed (above).

Printer Status: A printer status will be shown to the right of the selected label layout file and its value is updated if label name is changed. The status does not drive iMailtoo! printing of labels as it's strictly informational. Requires DAZzle setting "Save printer information with layout" to be selected. See possible values below.

- "OK" - Someone had gone into the label setup option in DAZzle, configured the selected label and chose the option "Save printer information with layout". iMailtoo! had verified that a printer was saved with the label layout file and that printer name matches a printer installed within Windows.
- "Not Assigned" - "Save printer information with layout" is selected in the DAZzle Printer Setup but a printer was not saved with the label layout file or it does not match a printer installed within Windows
- "---" - "Save printer information with layout" is not selected in the DAZzle Printer Setup or the option "None" was selected in the iMailtoo! label setup.

NOTE: Press the Refresh Printer Status button as needed to re-evaluate the printer status for all service levels.

### Auto-Detection of DAZzle Country and Postage files

iMailtoo! now dynamically locates the Country.dat and EPostage.Dbf file locations based on the user settings. Previous DAZzle versions had always stored these files in the DAZzle home folder (C:\Program Files\Envelope Manager\DAZzle). As of DAZzle version 10x, the folder location is based on the installation settings.

### New Return Codes

New codes were added to better inform the user of their Endicia account status on iMailtoo! startup.

- Return Code -416
  - Message: "Incorrect DAZzle account type - iMailtoo! is disabled"
  - Description: Must be an Endicia Platinum account to use iMailtoo!.
- Return Code -417
  - Message: "Please configure DAZzle and re-launch this application"
  - Description: iMailtoo! was launched before configuring DAZzle with account information. Unable to determine if using an Endicia Platinum account.

This version fully supports the January 4, 2010 U.S. Postal Service rate change. No external programming updates, such as Kewill.Integrate, are necessary provided iMailtoo! is up to version 5.3.00 or greater which was released on 05/04/2009. Simply install the provided IM5400.EXE executable to take advantage of the new features. Versions older than 5.3.00 should import the latest My\_iMailtoo.cls file from our iMailtoo! Starter Kit and modify their Clippership host with the example programming calls found in our CS32.kic file. The latest iMailtoo! Starter Kit can be downloaded from the following URL: <http://www.integratedsys.net/downloads/imailtoo.zip>

## New Services for COMMERCIAL PLUS Customers Only

- Commercial Plus Cubic Pricing for Priority Mail: All Endicia accounts shipping more than 250,000 pieces of Priority Mail annually qualify for cubic pricing - calculation based on package dimensions and zone. If the package dimensions are NOT provided, the rate will be calculated on the standard weight based pricing. **Clippership® (non-version specific)**: This option is currently not supported in Clippership 14.5.00 or older, however, if the shipper qualifies for Commercial Plus through Endicia and package dimension are provided, iMailtoo! will automatically update Clippership with the corrected cubic rates after recording the transaction. If cubic rates are not preferred, simply omit the package dimensions.
- 1/2 lb. rate for Priority Mail: 1/2 lb rates are now available for Endicia Commercial Plus customers shipping Priority Mail. Rates are calculated based on the package weight and zone. **Clippership® 14.5.00 or greater**: This feature is supported in this version of Clippership, however, for iMailtoo! this is not Clippership version specific. iMailtoo! will automatically update Clippership with the appropriate rates after recording the transaction.
- Flat Rate Padded Envelope for Priority Mail: Take advantage of a low flat rate shipping costs and free packaging available from the US Postal Service. A new iMailtoo! **PackageType** value has been added (see chart below) which must be used in conjunction with Priority Mail only. **Clippership® 14.5.00 or greater**: To take advantage of this new service, set the USPS account type to Commercial Plus (if qualified) and add the new P15 carrier code to the shippers carrier list. Upon shipping, iMailtoo! will automatically detect the new package type of FLATRATEPADDEDENVELOPE and use the existing Priority Mail DAZzle label (default = Zebra Label.lyt).

## New Service for ALL Endicia Customers

- Parcel Select: New Parcel Select Barcoded NonPresort rates are available for all Endicia customers with no minimum volume requirements. This service requires the use of Delivery or Signature Confirmation (Delivery Confirmation is Free for Parcel Select). This ground service compares to Parcel Post with estimated delivery times of 2-8 days. **Clippership® (non-version specific)**: Two other variations of this service have been available in Clippership for quite some time, however it was not supported by Endicia until now.
  - Note: Since Endicia uses a different sub-class of Parcel Select than Clippership, Clippership will not display the correct rates but iMailtoo! will update Clippership with the corrected rate upon recording the package. As of January 4, 2010 Endicia Parcel Select rates are more comparable to Clippership's Parcel Post rates (P42) than its Parcel Select counterparts (P44 and P50). Endicia's Parcel Select rates are \$0.03 cheaper across the board than Parcel Post but also includes FREE Delivery Confirmation. This equates to Parcel Select being \$0.19 cheaper than Parcel Post.
  - To use Parcel Select in Clippership, add carrier code P44 and/or P50. The rates will be incorrect but either carrier code will trigger the service in iMailtoo!. If DCR is not enabled and the user attempts to ship Parcel Select, iMailtoo! will present the user with an option to select Delivery or Signature Confirmation. If the user declines both iMailtoo! will halt the shipment with the following error: "Delivery or Signature Confirmation required for Parcel Select".
  - The user must open the iMailtoo! Configuration Utility and assign a label to the new service "Packages, Parcel Select". If attempting to ship this service without first assigning a label, iMailtoo! will stop the shipment and display a -304 error "Label layout file not configured". New iMailtoo! installations will automatically assign the "Zebra Label.lyt" label, which can be modified as needed.

## New Function

- **Reset ValidationStatus**: [use at your own risk] Overrides a previously validated address response by setting the **StatusNum** to 0 and **StatusMsg** to "". This does not revert any data that may have been changed by the previous validation back to its original state. It simply appears to the system as a valid address, provided the user doesn't actually re-validate the address. This function is designed to force a package through DAZzle regardless if it passed validation or not. **Clippership® (non-version specific)**: This function will be added to the 5.4.00 iMailtoo! Starter Kit, but is an optional component. The installer has the choice to add this custom function for the user.

## Endicia Insurance

Endicia has increased their insurance coverage to \$10,000.00. If Endicia Insurance is selected and the package value is greater than \$10,000, iMailtoo! will halt the shipment and display a -322 error - "The maximum insurable value for Endicia Parcel Insurance is \$10,000".

**Modified Return Codes**: Endicia changed the verbiage on some of the errors returned by DAZzle when attempting to ship a USPS package.

- Return Code -310
  - NEW: "Unsupported mail class for international mail or invalid weight-rate values"
  - OLD: "Incompatible combination of Address and postage class"
- Return Code -311
  - NEW: "Unsupported Domestic mail options"
  - OLD: "International mail item missing required phone number or e-mail address"
- Return Code -314
  - NEW: "USPS Customs Forms error – denied, service unavailable or communication error"
  - OLD: "Customs ID for customs form not obtained – possible invalid address or USPS system unavailable"
- Return Code -315

- o NEW: "International Mail Shipping Label (large or small) processing error"
- o OLD: "Customs ID for integrated GAPP , GPM, GEM Or International Shipping label not obtained – possible invalid address or USPS system unavailable"

[New Return Codes](#): New return codes were added to support new features.

- Return Code -320
  - o Message: "Delivery or Signature Confirmation required for Parcel Select"
  - o Description: Message returned when a Parcel Select transaction is sent to iMailtoo! without confirmation services enabled.
- Return Code -322
  - o Message: "The maximum insurable value for Endicia Parcel Insurance is \$10,000"
  - o Description: Message returned when Endicia Insurance is enabled and the insurance value is greater than \$10,000.

[Updated MailClass List \(to support Parcel Select\)](#)

NONE = 0  
 FIRST\_CLASS = 1  
 PRIORITY = 2  
 PARCEL\_POST = 3  
 PARCEL\_SELECT = 4  
 MEDIA\_MAIL = 5  
 LIBRARY\_MAIL = 6  
 BOUND\_PRINTED\_MATTER = 7  
 EXPRESS = 8  
 PRESORTED\_FIRST = 9  
 PRESORTED\_STANDARD = 10  
 INTL\_FIRST = 11  
 INTL\_EXPRESS = 12  
 INTL\_PRIORITY = 13  
 zmax\_mail\_class

[Updated PackageType List \(to support Flat Rate Padded Envelope\)](#)

POSTCARD = 0  
 ENVELOPE = 1  
 FLAT = 2  
 RECTPARCEL = 3  
 NONRECTPARCEL = 4  
 FLATRATEENVELOPE = 5  
 FLATRATEPADDEDENVELOPE = 6  
 FLATRATEBOX = 7  
 FLATRATELARGEBOX = 8  
 FLATRATESMALLBOX = 9  
 zmax\_package\_type

### IM5301

released on 08-14-2009

[Fixed intermittent XML error when shipping any USPS service.](#)

Return Code: -319

Return Desc: XML file end not found. DAZzle may print successfully but update data is unavailable.

iMailtoo! was intermittently unable to find the end DAZzle XML tag, thus prompted the user with the above message. In most cases DAZzle would record the package, deduct postage from the Endicia account and print a label, but due to the error Clippership would cancel the transaction. If the user needed to store the transaction within Clippership, they would be required to open DAZzle, inquire a postage refund and then reship the package through Clippership.

As a solution, the method iMailtoo! uses to open and read the DAZzle XML reply file has been updated.

## IM5300

released on 05-04-2009

This version fully supports the May 11, 2009 U.S. Postal Service rate change. It is safe to install this update before, on or after 5/11/2009.

A fair amount of enhancements have been added to iMailtoo! version 5.3.00. For instance, it's now bundled with improved address validation technology that will scan through all address lines in efforts to find an exact ZIP+4 match. In some cases, iMailtoo! can validate the address right down to the Company or Person's name! Installers can take advantage of the new Global Licensing System. Tracking functions are available and support for extra long street names has been added for shipping systems with field size limitations. The Multiple Address Match window has a new look and a new address validation *read-only* property has been added that indicates the address "type". Bound Printed Matter has been re-enabled, with some restrictions, and the Low Postage Warning is finally enabled.

NOTE: After updating to 5.3.00 it is highly suggested that a new My\_iMailtoo.cls file is imported from our latest iMailtoo! Starter Kit. As of version 5.3.00, the latest My\_iMailtoo.cls and CS32.kic files are bundled into the iMailtoo! setup and placed into the C:\Program Files\iMailtoo! folder (default folder name).

Exciting News for Clippership Installers: iMailtoo! setup time has been cut drastically thanks to the iMailtoo!™ Setup Wizard for Kewill™ Clippership® systems. This wizard walks the installer through all the necessary steps to setup Clippership and configure iMailtoo!. See below for more information.

[Supercharged Address Validation](#)

[One iMailtoo! License for All](#)

[Easy tracking of USPS packages](#)

[Know the "type" of address you're shipping](#)

[Long street names - no problem](#)

[A new look for the Multiple Match window](#)

[A More forgiving address format for validation](#)

[Modified Parcel Post Service](#)

[Bound Printed Matter is back](#)

[Low on Postage? No worries](#)

[New validation Status Number](#)

[Fixed Rubber Stamp Printing](#)

[Clippership setup made easy](#)

### Company (a.k.a Firm) Address Validation

If a firm has sufficient inbound mail, the USPS will assign it a unique ZIP+4. iMailtoo! will cycle through all provided address lines to find an exact "firm" ZIP+4 match. In order to obtain a firm ZIP+4 match, the provided address must contain an exact, or near exact, match to the firm name in the USPS databases. iMailtoo! can also be "tricked" into showing the entire street, which in large city blocks may show address firm names. To show all possible address, verify that *Accept the default match when more address information may give a more specific Zip +4* is not selected in the iMailtoo! Configuration Utility and omit the Street Number during address validation. When prompted select View Possible Matches and the Dial-A-ZIP Multiple Matches Found window will display all addresses for the street provided.

### The iMailtoo! Global Licensing System

iMailtoo! can now be easily licensed by placing a license file in the shipping system root folder. This simple INI file makes licensing much easier, especially in multi-user environments. See below for specifications.

- iMailtoo! license fulfillments will contain a new email attachment named XXXXXX.IML (where XXXXXX = Clippership Serial NSX number) along with the existing legacy iMailtoo! license string.
- For backwards compatibility, licensing via the legacy string method will continue to be supported.
- If the IML file method is preferred, simply place the file in the shipping system root folder and restart iMailtoo!. The shipping system root folder is the path supplied in the second parameter of the *object.Initialize* function (for Clippership users, this is generally the CSWIN folder).
- The IML file can be imported from a alternate folder by opening the iMailtoo! Configuration Utility and selecting Edit License Number from the file menu. If an IML file does NOT exist in the shipping system folder, upon exiting this utility the user will be prompted to create a global IML file. Otherwise, if one already exists the license number in the IML file will be overwritten.
- If it is preferred to move back to individual licensing, simply delete the IML file in the shipping system root folder.

The license check process is as follows:

- If the *object.Initialize* function contains a "hard coded" license number as one of its parameters, use its value.
- If an IML file exists, disregard the Initialize license number and use the IML value.
- If the *object.Initialize* function uses the Configuration File (default.ini) parameter and a license number is found, disregard all others and use its value.
- If the above 3 do not contain a license, check the registry for an existing license.
- If none of the above, iMailtoo! will display a licensing error on startup.

### Automate USPS.com or Endicia.com tracking with Track\_Package

The new Track\_Package function will open the users default web browser and track their packages at the site of their choice. We've added this function to the Clippership OnVsbF05 Sub in our iMailtoo! Starter Kit (CS32.kic file). This enables users to track their USPS packages from within Void/Search/Browse by pressing the F5 function key. The usage for Track\_Package is as follows:

Track\_Package(HideControlWindow As Boolean, [Provider As Track\_Provider], [Tracking\_Number As String])

- HideControlWindow (Boolean) = A required parameter. If set to TRUE a small utility will launch that displays the current tracking number (if provided), a selection area to track at USPS or Endicia and a track and exit button. If HideControlWindow is set to FALSE, iMailtoo! will use the provided tracking number and automatically send the user to the configured Provider (a.k.a. website).
- Provider (Track\_Provider enum selection) = An optional parameter that is an enumerated choice of USPS = 1 or Endicia = 2 and determines the tracking site. If blank the default setting will be used. The default setting can be configured by opening the iMailtoo! Configuration Utility and select File and then USPS Tracking. On first usage the default setting is USPS.
- Tracking\_Number (String) = An optional parameter. If not provided and HideControlWindow is FALSE, the tracking window will launch with a blank tracking number field where the user can enter a value. Otherwise, if a HideControlWindow is TRUE, a missing tracking number error will occur.

### New AddressType Property & Indicator

The AddressType property indicates if the recipient's address is a PO Box, Street Address, etc. and is maintained regularly by the USPS. This property is read-only and will return a value after a successful address validation, otherwise it is blank. This value is also displayed on the bottom of the address validation window near the Cancel button. One use for this property would be to stop shipment through another carrier if the address is marked as a PO Box. There is currently no KI programming that takes advantage of the AddressType property. See below for possible values returned by the address validation process.

#### AddressType Property (read-only)

STREET ADDRESS  
POST OFFICE BOX  
RURAL ROUTE  
FIRM MATCH  
GENERAL DELIVERY  
BUILDING / APARTMENT

### Extra Long Street Names

If an address was ZIP+4 validated with a suite number, the address is usually modified by the USPS to append the suite to the end of the primary street address. In some cases this causes an issue with shipping systems that have field size limitations. For example, Clippership has an address field size limitation of 30 characters which causes all data after the 30 characters to be dropped. If this occurs there is a chance that DAZzle will fail validation or ship to an incorrect address.

For example, this validated address:

1345 Avenue Of The Americas Bsmt Conc9  
New York, NY 10105-0196

Will be truncated by Clippership to:

1345 Avenue Of The Americas Bs  
New York, NY 10105-0196

Solution: If the street name plus the suite name is over 30 characters, iMailtoo! will move the suite to Street Line 2. If the package is shipped USPS, DAZzle may choose to append the suite back to the end of the street. If this occurs, the street address may run off the side of the label. To minimize the chance of this happening, open DAZzle, select the appropriate label and drag the recipient address closer to the "SHIP TO" text on the left side of the DAZzle label.

### Modified Multiple Match Window

In previous versions of iMailtoo! the bottom of the Multiple Address Match window displayed the Company, Street, Street 2, City, State and Zip. These fields were editable by the user enabling them to override values returned by the multiple match lookup.

iMailtoo! version 5.3.00 has now added the Company 2, Attention and Street 3 to this window but have taken away the ability to edit these fields. This forces the user to select an address returned by the multiple match lookup or press Cancel to keep the original address. To make up for this, the user can now select an address that has a range associated with it where previously they could not. For example, if they selected an address with a suite that had a value of 1-24, the address will be validated with "ste 1-24" appended to the street. If they choose a street number with a range, the original number or low range number will be used. This mimics the functions in the DAZzle application.

### A more forgiving Address Validation

If the recipient and company names are confined to the Company, Company 2 or Attention fields (Clippership ShipTo1, ShipTo2 or ShipTo3) and street specific data is sent to Street 1, Street 2 or Street 3 (Clippership ShipTo4, ShipTo5 or ShipTo6) the iMailtoo! validation procedure will figure out the correct format for you. This means that you can float names in 1, 2 or 3 and streets in 4, 5 or 6 without worrying about blank lines or additional data. This is a bit different than previous more ridged versions that required a specific address format. For Clippership users, ShipTo7 should always contain the City and State. Additional KI code was added to the My\_iMailtoo.cls - Validate\_Pkg Sub to move the last line of address to ShipTo7.

### Parcel Post Modifications

Starting May 11, 2009 iMailtoo! will not send DAZzle the Non-Machinable flag for Parcel Post shipments. The system does not require a restart.

- Clippership Users: On May 11, 2009 Clippership will convert internal codes P41, P43 & P49 to P42. On and after this date iMailtoo! will continue to accept all 4 internal codes, however, they will all be converted to Parcel Post - Non-Rectangular package - excluding the Machinable/Non-Machinable flag.

## Bound Printed Matter is resurrected

Bound Printed Matter is now re-enabled in iMailtoo! but requires a USPS permit imprint. This means that DAZzle can create a compliant carrier label, but since monies are taken from a permit account, DAZzle does not deduct any postage from the Endicia account. Here's how it works...

- If the shipper does not already have a permit imprint, they must complete a permit application form obtained from the USPS. This requires a one time application fee (as of March 2008 this fee was \$180.00).
- Once a permit imprint is obtained, all BPM parcels and flats must be deposited and accepted at the Post Office Business Mail Entry Unit (BMEU) that issued the permit.
- Mailers will no longer be able to pay BPM postage with stamps, meters, Automated Postal Centers (APC), or PC Postage.
- USPS requires completion of Form PS 3605-R for each weight class of BPM. This form can be obtained from USPS.com.

After a permit imprint is acquired, DAZzle and iMailtoo! must be configured before printing BPM labels.

- Open DAZzle and then open the desired Domestic label (we suggest "Zebra Label.lyt").
- On the file menu, select Postage then Options...
- On the Rate tab, select a Class of "Bound Printed Matter" and the Type "Package (Rectangular)" and press the OK button.
- Now go back to Postage, Options and select the Permit tab
- Enter the appropriate data, but be sure to format the data exactly like the sample Endicia data (click Help for more information).
- Press OK when finished.
- Add the following Rubber Stamps to the BPM label: "Zone", "Piece Weight" & "Postage". The Rubber Stamps can be placed almost anywhere on the label, but it's suggested to place them on the right side of the label, opposite the Return Address.
- To add a Rubber Stamp: From the file menu, select Insert, Rubber Stamp, select "Link to Address List Field", select ZONE from the drop-down list, press OK and place the stamp in the desired location. Repeat steps for "Piece Weight" & "Postage".
- Select File and then Save Layout As and choose a new file name (we suggest "Zebra LabelBPM.lyt").
- Exit DAZzle.
- Open the iMailtoo! Configuration Utility, select File and then Label Configuration. Under "Packages, Bound Printed" select the new label layout file and Save.

Special considerations for shipping BPM.

- When shipping BPM, the DAZzle XML file does not return postage amounts or DCR numbers.
- The DAZzle postage log ONLY records a transaction if it's a Parcel with Delivery Confirmation enabled (DCR is unavailable for Flats). Otherwise, there is no record of BPM anywhere in DAZzle or on Endicia.
- New database utilities have been added to iMailtoo! to query the DAZzle postage log for a DCR number, if applicable, and return the value in memory. Remember, the XML return file (FromDaz.XML) will not contain the DCR number.
- Since the DAZzle XML file does not contain the postage amount either, the Clippership postage amount will not be overwritten by iMailtoo! for BPM.
- The new My\_iMailtoo.cls file is setup to handle the unique BPM return data.
- After BPM packages are shipped and closed, be sure to fill out the PS 3605-R form. Use the carrier label with the printed Zone, Weight and Postage to help complete the form.
- Drop off the parcels at the specified BMEU location.

## Low Postage Warning Threshold

Our development team understands the importance of maintaining productivity in all shipping environments both large and small. We also understand that fast paced shippers don't always have time check DAZzle for available postage amounts, until it's too late, and running out of postage can bring shipping to a grinding halt. To help eliminate this issue, iMailtoo! has incorporated a new low postage threshold warning. See below for more information.

- New database utilities have been added to iMailtoo! to query the DAZzle postage log for available postage. This value is NOT taken from the XML return file.
- A user configurable threshold setting can be modified at each workstation to display a warning message when the amount of available DAZzle postage has gone under the threshold.
- The shipper will continue to see a warning message on every 7 transactions until postage is replenished or the threshold settings has been changed.

Configuration

- Open the iMailtoo! Configuration Utility.
- On the file menu, select File and Postage Options.
- Under the Warning section, select a dollar amount that will begin triggering the low postage warning messages. Available settings are \$0.00 to \$5,000.00 in \$5.00 increments.
- The bottom of this window will display the "Last Available Postage Amount" information.
- Press OK to save and exit dialog.
- The low postage warning is displayed, if applicable, after recording a packages and launch & exit of the iMailtoo! Configuration Utility.

Special considerations

- The available postage query executes AFTER recording a transaction and used for informational purposes only. It's up to the user to set a reasonable threshold and then take heed to the low postage warnings.
- This function will NOT halt the transaction if DAZzle does not have enough postage.
- The first two bullets were done purposely for a few reasons but mainly because the DAZzle postage log is maintained locally at each workstation and DAZzle could possibly be installed on multiple workstations and subtracting postage from the same Endicia account. The postage amount at each

workstation is not updated until DAZZle communicates with the Endicia servers (i.e. a package is recorded, DAZZle is restarted, etc.). It was decided that it was better to query the postage amount after recording a transaction to obtain a more accurate value, then check against the low threshold, possibly display a low message and leave it up to the shipper to make a logical decision.

- The warning option will NOT be available if running in TEST MODE, the new database utilities could not be initialized or the postage log was not found.

### [New Status Number](#)

A new status number will be displayed if the minimum amount of address parameters are not provided to the address validation function.

- -211 - Missing address elements required for validation

### [Fixed Rubber Stamp Printing](#)

A bug was resolved where; if a Rubber Stamp was placed on a label and it was tied to an iMailtoo! Rubber Stamp but no data was supplied, DAZZle would print the text "Rubber Stamp" on the label. iMailtoo! now forces DAZZle to print a blank space.

### [The iMailtoo!™ Setup Wizard for Kewill™ Clippership® Systems](#)

The iMailtoo! installer is now bundled with a new wizard that can be used to speed up the total installation time. Within minutes iMailtoo! custom functions for Clippership may be added, Clippership label printing can be disabled and iMailtoo! settings may be configured. It is preferred, but not required, that DAZZle is installed prior to running this installation. The wizard steps are as follows:

- **INTRO:** The introduction screen explains the tasks this wizard will attempt to complete. Press NEXT to start the wizard. *Please note: This update backs up all files before updating, steps may be omitted as needed and the installer may cancel the install at any time.*
- **STEP 1:** The path to Clippership will attempt to be auto-detected. The installer can press the Browse button if auto-detection failed or a different path is desired. Select to add (default) iMailtoo! custom functions to Clippership and press NEXT. If it's preferred *not* to add these custom functions, the installer will be given the option to advance to STEP 5 - Turn OFF label printing -or- STEP 6 -Configure iMailtoo!.
- **STEP 2:** The wizard will verify all users are logged out of Clippership, create a backup folder (CSWIN\iMailtoo\datetime\_stamp), backup the CS\_FUNC.INI, and add custom functions to the system. Press NEXT to continue.
- **STEP 3:** A list of all available workstation configurations will be displayed (e.g. STANDARD.INI, CLASSIC.INI, etc.). By default all workstations are selected, but the installer may de-select workstations as needed. Press NEXT to continue.
- **STEP 4:** The wizard will backup the selected workstations and then add the new custom functions to the selected workstation's Functions menu. Press NEXT to continue.
- **STEP 5:** The wizard will backup the carrier file (CS\_CARR.FIL) and turn OFF label printing for any configured USPS carrier codes (internal code of P\*\*). This utility will not add USPS codes that do not exist. For advanced installers, Step 5 sets the USE\_LABEL field to "00000000" for all "P" carrier codes. Press NEXT to continue.
- **STEP 6:** If iMailtoo! was previously installed, the current iMailtoo! License Key will be displayed. Otherwise, the installer may enter the customer's iMailtoo! licence. Press NEXT to continue.
- **STEP 7:** The iMailtoo! Configuration Utility will launch. If the provided license passes all security measures, the installer may immediately begin configuring iMailtoo!'s options (e.g. enter account info, configure labels, etc.). If not, all settings will be unavailable. Select File, then Edit License Number or press the EDIT button to the right of the License Number field. This utility will indicate any possible issues with your system. Press the SAVE button when done configuring iMailtoo! to return to the wizard.
- **DONE:** The wizard will display a list of tasks that should be completed before using iMailtoo!. Press the FINISH button to exit or press the "View Auto-Variables and KI Calls" button to display programming specific information.
- **View Auto-Variables and KI Calls (optional):**
  - The left portion of this window will display all the KI auto-variables needed for iMailtoo!. Press the COPY TO CLIPBOARD button to paste the auto-variables directly into your *ClippershipHost.KIC* file or use as a reference to add auto-variables through the standard KI interface.
  - The right portion of this window displays all the KI programming calls. These calls may also be copied to the Windows clipboard or used as a guide to manually add these calls to your KI programming. To avoid KI errors while inserting these new calls, you must first open the KI programming environment, go to Tools, References and add iMailtoo! as a Reference. Once the reference is added, import the My\_iMailtoo.cls file into the KI project and save.
  - Hint: As an added benefit, two of our iMailtoo! Starter Kit files (My\_iMailtoo.cls and CS32.kic) are now bundled into the iMailtoo! installer and placed into the iMailtoo! folder (default folder is *SystemRoot\Program Files\iMailtoo!*).

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## IM5207

released on 02-11-2009

iMailtoo! now contains enhanced support for Puerto Rico Urbanization destinations and also extends printing support of customs forms to US territories, possessions, and Freely Associated States. Previously, customs form printing was only available for APO/FPO and International destinations. This version also includes messages for International shipments with a value over \$2,500.00 and this documentation explains how Endicia suggests filing your EEI through the Census Bureau.

[What is Urbanization?](#)

[Shipping to PR with Urbanization](#)

[New Status Number for PR URB](#)

[Extended Customs Forms Support](#)

[KI Changes for Customs Forms Support](#)

## [KI Changes for Delivery Confirmation Errors](#)

## [International High Value Messages](#)

## [EEI Filing through the Census Bureau](#)

## Enhanced Puerto Rico Urbanization Support

**USPS explanation of Urbanization:** An urbanization denotes an area, sector, or residential development within a geographic area. In addition to being a descriptive word, it precedes the name of that area. This descriptor, commonly used in Puerto Rican urban areas, is an important part of the addressing format as it describes the location of a given street. In Puerto Rico, repeated street names and address number ranges can be found within the same ZIP Code® (e.g., CALLE 1, CALLE 2, etc.). These streets can have the same house number ranges (e.g., 1-99). In these cases, the urbanization name is the only element that correctly identifies the location of a particular address.

Examples:

MR OSIRIS GONZALEZ  
URB ROYAL OAK  
123 CALLE 1  
BAYAMON PR 00961-0123

MR PEDRO RIVERA  
URB HERMOSILLO  
123 CALLE 1  
BAYAMON PR 00961-1212

## How to ship to Puerto Rico with Urbanization names through iMailtoo!

- Requires the use of Clippership's standardized addressing scheme.
- Provide the Urbanization name, if applicable, in the Street 1 or Street 2 (Clippership SHIPTO4 or SHIPTO5).
- If an Urbanization name is found when validating, iMailtoo! will check the values provided in Street 1 and 2.
  - If the provided Urbanization name does not match the value returned during validation AND there is data contained in Street 1 or 2, the shipper will be given the choice to overwrite the value in Street 1 or 2 with the new Urbanization name.
  - Otherwise, the Urbanization name will be inserted into Street 1 or 2 (whichever is empty)
  - NOTE: Be aware that if an Urbanization name is in a field other than Street 1 or 2, the address may be shipped with 2 Urbanization names.

## New Status Number

A new status number will be displayed if an Urbanization name was found when validating and the user canceled the address update.

- -321 - PR URB not accepted. Package may ship incorrectly.

## Supported Destinations for Customs Forms Print (excluding Internationals):

Military "State"	Abbreviation
Armed Forces Americas	AA
Armed Forces Africa, Canada, Europe and Middle East	AE
Armed Forces Pacific	AP

Possession	Abbreviation
AMERICAN SAMOA	AS
FEDERATED STATES OF MICRONESIA	FM
GUAM	GU
MARSHALL ISLANDS	MH
NORTHERN MARIANA ISLANDS	MP
PALAU	PW
PUERTO RICO	PR
VIRGIN ISLANDS	VI

## Kewill.Integrate (KI) Programming Changes for Customs Printing

KI programming must be modified to support printing of customs forms to the above destinations. KI updates for iMailtoo! can be performed in one of two ways: Import the updated My\_iMailtoo.cls file or copy the code from this document into your existing My\_iMailtoo.cls file. The updated class file can be downloaded from our ftp server or weblink. For those who wish to edit their existing KI programming, see the changes below.

Change to existing My\_iMailtoo.cls Function:

Public Function MilitaryAddress(ShipTo7 As String) As Boolean

Dim spAdr() As String

' Determine if ShipTo7 contains a military address

' 02/06/2009: Added support for US territories & possessions

ShipTo7 = ShipTo7 & Chr(32)

spAdr = Split(ShipTo7, Chr(32))

Select Case spAdr(UBound(spAdr) - 1)

Case "AE", "AA", "AP", "AS", "FM", "GU", "MH", "MP", "PW", "PR", "VI"

MilitaryAddress = True

Case Else

MilitaryAddress = False

End Select

End Function

## Kewill.Integrate (KI) Programming Changes for Delivery Confirmation

This is an optional function that turns OFF Confirmation Services if Clippership does not allow the service to the intended destination. This function is triggered by the OnError Sub and requires the Clippership workstation setting Run Kewill.Integrate event OnError to be enabled at each workstation.

This code is bundled into the latest iMailtoo! Starter Kit but can also be copied and pasted into your existing programming. The function Toggle\_DCR\_Off can be inserted into the My\_iMailtoo.cls module and the sub Clippership\_OnError code can be pasted into your Clippership host OnError driver. Replace the text *ClippershipHostName* with the actual Clippership host name.

Public Sub Toggle\_DCR\_Off()

DAZ.DeliveryConfirmation = NO\_CONFIRM

End Sub

Private Sub Clippership\_OnError()

' Turn OFF Delivery Confirmation if Clippership disallows service

If Left(UCase(ClippershipHostName.GetVar("xError")), 38) = "DELIVERY CONFIRMATION IS NOT AVAILABLE" Then

Postal.Toggle\_DCR\_Off

ClippershipHostName.GotoRecord

End If

End Sub

## International High Value Warning

When entering data into the iMailtoo! Customs Information window, if the total value is greater than \$2,500, a message warns the user regarding EEI (Electronic Export Information) filing. The excerpt below was taken from the Endicia website on 02/06/2009:

Q: My international package is valued at more than \$2,500, what customs and export information do I need?

A: The U.S. Census Bureau announced that effective September 30, 2008:

- Electronic Export Information (EEI) must be filed for international shipping when any type of goods (per Schedule B Export Codes) is valued at more than \$2,500 or requires an export license under U.S. law.
- The EEI must be filed through the Census Bureau's Automated Export System (AES) also known as *AESDirect* by the shipper for all international shipments where a Shippers Export Declaration (SED) was previously required. Paper copies of the SED (Commerce Form 7525-V) will no longer be accepted by the USPS.
- When the EEI is successfully filed, AES will provide an alphanumeric Internal Transaction Number (ITN) to the mailer.
- All pieces presented to the Postal Service™ requiring an EEI filing must bear the Proof of Filing Citation (PFC), which consists of the letters "AES", followed by the appropriate ITN. The PFC must be legibly written or printed on the applicable Customs form without obstructing the barcode on the label.
- This regulation impacts all companies, including the USPS, that accept outbound international shipments containing goods.

How to file electronically:

- To file through *AESDirect*, go to [www.aesdirect.gov](http://www.aesdirect.gov).
  - Register for an *AESDirect* filing account. Step-by-step instructions for registration can be found on the Registration Help link on the homepage.
  - Take the *AESDirect* Certification Quiz to fully activate your account. The tutorial and user guide found on the homepage will help to prepare you for the quiz. Once you've passed the quiz, an *AESDirect* support staff will be notified and, within three days, will activate your account and send a confirmation email.
  - You will need to file an EEI for every international shipment valued over \$2,500.
  - After filing an EEI, you will receive an ITN from *AESDirect*. Include this number after the letters "AES" on your Customs form (ex. AESX#####). Your package is now ready to be submitted to the USPS.
- According to the Postal Bulletin released on September 25, 2008, the USPS is in the process of redesigning both Customs forms (PS Form 2976 and PS Form 2976-A) to accommodate the EEI filing number. ***In the meantime, this number may be placed in any clear space, but must not obstruct the barcode.***

For more information:

- For additional information on elec-tronic filing, refer to the Census Bureau's website at [www.census.gov/foreign-trade/aes](http://www.census.gov/foreign-trade/aes) or call the toll-free information hotline at 800-549-0595.
- For additional information on Schedule B Export Codes, visit [www.census.gov/foreign-trade/schedules/b](http://www.census.gov/foreign-trade/schedules/b)
- To view the Postal Bulletin released on September 25, 2008, visit [www.usps.com/cpim/ftp/bulletin/2008/html/pb22242/info1\\_004.html](http://www.usps.com/cpim/ftp/bulletin/2008/html/pb22242/info1_004.html)

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## IM5206

released on 01-13-2009

On January 18, 2008 the United State Postal Service will be implementing new rates, introduce a new packaging type and offer a new price structure called Commercial Plus. Since iMailtoo! returns the rates from DAZzle after a label is printed, iMailtoo! is not affected by the rate change. However, it does include support for the new Small Flat Rate Box for Priority Mail and Priority Mail International and DAZzle will return Commercial or Commercial Plus pricing if qualified. For more information on the latest USPS rate changes, please see the Endicia website at <http://www.endicia.com/PriceChange>

### New Package Type

- FLATRATESMALLBOX is a new package type that has been added for use with Priority Mail and Priority Mail International. For a complete list of package types, please see the Package\_Type enumerated list in the iMailtoo! help file.
- Existing iMailtoo! users will need to update to this version (5.2.06), open the iMailtoo! Configuration Utility | Label Configuration and enter a label name for "Intl Priority Mail, Small Flat Rate Box". Since the box size is fairly small at 8 5/8" x 5 3/8" x 1 5/8", about the size of a video cassette, the label layout file should be Zebra Small Priority Mail International Shipping Label.lyt. For new installations, iMailtoo! will automatically add the correct label.
- **Clippership Users:** Logic has been added to support the new carrier codes for this service. See the iMailtoo! help file for complete list of Clippership carrier codes and their associated iMailtoo! Mail Class and Package Types.
  - P14 - USPS Priority Mail Small Flat-Rate Box
  - P87 - USPS Priority Mail Intl Small Flat-Rate Box

### New Status Number

The following StatusNum return code has been added per Endicia XML specifications. For a complete list of return codes, please see the "Status Messages" section of the iMailtoo! help file.

- -309 "Express Mail International, Priority Mail International, or First-Class Mail International Error. No TO PHONE for mail addressed to P.O. Boxes."

### USPS Rating Notes

- The new rates will require a DAZzle update that will be pushed to customers via an automatic update starting on January 13, 2009. After the update, these rates will automatically update pricing for any pieces postmarked January 19, 2009 or later
- Clippership users can display the new rates by updating to version 14.2.00. Once updated, go to Utilities, Carrier Setup, Account Information, edit the Postal account, select US Postal Service and press Configure. Select the appropriate Domestic Pricing option at bottom.

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## IM5205

released on 11-13-2008

**IMPORTANT:** Recent changes to the iMailtoo! *StatusNum* and *StatusMsg* properties may have a significant impact on external programming, such as Kewill. Integrate and the iMailtoo Starter Kit. Status numbers are the key for determining if an address passed validation, successfully printed a label or encountered any errors along the way.

Before iMailtoo! becomes more widespread, now's the optimal time to address grouping status numbers together that make sense to be together. Four status numbers have been moved for better grouping and 3 more have been added for additional messaging. With this new grouping all status numbers from 0 through -199 will be considered valid for Domestic shipping. From -200 to -299 should not be allowed to ship for various reasons. And -300 and over are grouped for errors that may appear at any point during iMailtoo!'s different phases. The IM5205 KI Starter Kit will contain these latest changes. If using an older starter kit, either import the latest My\_iMailtoo.cls file from the IM5205 starter kit or refer to the "Suggested KI Modifications" section below.

### Status Numbers and Messages

The following *StatusNum* return codes have been changed and require modifications to the iMailtoo! KI Starter Kit for ALL previous versions.

- -103 "Address verification is disabled." - [Moved to -318](#)
- -104 "iMailtoo! shipping has been disabled" - [Moved to -209](#)
- -105 "User cancelled address validation" - [Moved to -206](#)
- -206 "City, State and Zip Code are valid, but street address is not a match" - [Moved to -103](#)
- -104 "A Zip+4 match was found, but street address does NOT exist" [has been added](#)
- -319 "Until further notice, Bound Printed Matter is not supported through PC/Internet postage." [has been added](#)
- -320 "XML file end not found. DAZzle may ship successfully but update data is unavailable." [has been added](#)

Refer to the iMailtoo! help file for a complete list of status numbers and messages.

## Suggested KI Modifications to the My\_iMailtoo.cls file

Locate the case statement in Private Sub DAZ\_AddressChanged() and modify to the following:

```
Select Case .StatusNum
  Case 0, -100
    ValidationStatus = "V"
    UpdateAddress = True
  Case -101
    ValidationStatus = "M"
    UpdateAddress = True
  Case -102
    ValidationStatus = "C"
  Case -103, -104
    ValidationStatus = "C"
    UpdateAddress = True
  Case Else
    ValidationStatus = "E"
End Select
```

Locate case statement in Public Sub CS\_AfterOrderTotals():

```
Select Case DAZ.StatusNum
  Case 0, -100, -101, -102, -206
```

and change to...

```
Select Case DAZ.StatusNum
  Case -999 To -300, -199 To 0
```

Locate set properties line:

```
.Street_Adr3 = CS("ShipTo6")
```

and add the following condition directly under it...

```
' We've discovered that both Clippership and DAZzle will allow a label to be printed with valid postage if only a Country name was supplied for an International
If Len(.Company) = 0 Or Len(.Street) = 0 Or Len(ShipTo7) = 0 Then
  Clipper.SetError "Please enter data into the Company, Street and City fields"
  SwitchTo Clipper
Exit Sub
End If
```

## Pre-population of Label Names

If iMailtoo! is being installed for the first time and the ConfigFile parameter is not being set in the *Initialize* function (in CS\_OnEachUser sub), then iMailtoo! will pre-populate the "standard" label names for each service in the iMailtoo! Configuration Utility. The term "standard" means, all Domestic and International labels that would print to a 4x6 label printer and/or qualify for discounts or incentives. The label names to be used are as follows...

Services: No Service Selected, First Class, Priority, Parcel Post, Media Mail, Library Mail, Bound Printed Matter, Presorted First Class & Presorted Standard Class

Label Name: Zebra Label.lyt

Services: Domestic Express Mail

Label Name: Zebra Express Mail Shipping Label.lyt

Services: Intl First Class

Label Name: Zebra Small First Class Mail International Shipping Label.lyt

Services: Intl Express Mail

Label Name: Large Express Mail International Shipping Label.lyt

Services: Intl Priority Mail

Label Name: Large Priority Mail International Shipping Label.lyt

Services: Intl Priority Mail FlatRate Envelope  
Label Name: Zebra Small Priority Mail International Shipping Label.lyt

Services: Domestic and International Letters  
Label Name: Envelope.LYT

## XML Parse Errors

iMailtoo! now contains advanced "special character" handling when parsing XML reply files. Special character refers to any character outside the standard ASCII character set range of 0x00 - 0x7F, such as Latin characters with accents, umlauts or other diacritics. This is especially useful when shipping to International destinations. iMailtoo! will attempt to find an English match to Latin characters. If one cannot be found, it's replaced with a space. When this update is done, a file is created in the same folder as the ToDaz.xml and FromDaz.xml are located and is named FromDaz\_withXMLParseErrs.XML. All packages with parse errors will get appended to this file.

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## IM5204

released on 10-17-2008

### International Country Selection

In previous versions of iMailtoo!, the software would assume that the Country name provided for International shipments were correct. In most cases that were true, however, sometimes the Country name would be worded a little different, and in Clippership's case, the name may sometimes be truncated at 20 characters. This would result in DAZzle errors when attempting to print labels for some International destinations.

To resolve this issue, iMailtoo! now acquires a listing of all Country names directly from DAZzle on startup. When *Ship\_Package* is called for an International package, iMailtoo! will attempt to match the provided Country name to the DAZzle Country name. If a match is not found, a Country selection list is presented to the shipper to choose an appropriate Country. If the "Remember Me" option is selected, the shipper will not be prompted the next time the Country name is used.

Note: When using "Remember Me", a new file is created or modified (*iMailtoo! Installation Foldername*\Country.ini) that contains the matching Country names. Since iMailtoo! is workstation specific, each workstation will contain its own Country file. The process flow is; first search the DAZzle Country list, then search the Country INI file.

### DAZzle XML Folder Location

In version 5.2.03, iMailtoo! exposed modification of the DAZzle XML folder location to advanced users by pressing ALT+I in the iMailtoo! Configuration Utility. This would allow users to change the folder where iMailtoo! would create an XML file used for DAZzle shipping communications (not for address validations). Changing the location of this folder would sometimes cause issues if another user did not have rights to the configured folder.

To resolve this issue...

- On startup and on entering and exiting the iMailtoo! Configuration Utility, iMailtoo! will attempt to create a test file in the configured XML folder. If successful, the setting will be saved.
- If unsuccessful, iMailtoo! will then try the user's temp environment folder. If successful, the setting will be saved.
- If unsuccessful, iMailtoo! will then try every drive letter beginning with C:, D:, etc. and ending with A: & B:. If successful, the first successful drive letter will be saved.
- If unsuccessful, iMailtoo! will disable the Postal shipping option and return a *StatusNum* -415 and *StatusMsg* "No Ship Status - Cannot create XML file in previously configured folder name, the users temp folder or the root of any drive."

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## IM5203

released on 10-01-2008

### Introduction to the Environment utility

The Environment utility was introduced to allow more control over validation servers, window placement and file locations. Since this is an advanced utility that could have possible implications, it can only be accessed by opening the iMailtoo! Configuration Utility and pressing the Alt+I keys. None of these settings can be dynamically set through programming.

#### Address Validation

- Microsoft Technology Update: iMailtoo! now takes advantage of newer Microsoft XML technology that enables more control over communications. Through the Environment utility, advanced users can control timeout settings and modify the general iMailtoo! environment experience.
- Validation Server Cycling: All versions of iMailtoo!, including 5.2.03, cycle through preconfigured primary and backup servers in attempts to find an available server. The difference between previous versions and 5.2.03 are:
  - Previous versions could not take advantage of the new timeout settings (above), thus used the default Windows settings, which could take up to

30 seconds. It would also change the default validation server in the iMailtoo! Configuration Utility to the available server that was found while cycling. If none could be reached, there was a potential to set all validation servers to [www.postage.endicia.com](http://www.postage.endicia.com), which according to Endicia, is not always a reliable server.

- Version 5.2.03 or greater can now timeout sooner and move to the next available server much quicker. The timeout setting can also be tweaked based on your connection speed. This version does not automatically change the order of the default and backup servers. Instead, the validation status window will turn grey as it attempts to reach the backup servers. This will indicate to the user that there's an issue with one or more of the configured servers, but will not slow down the validation process unless the timeout is set exceptionally high. If one or more of the servers are continually causing issues, it is recommended to switch to a different primary server or manually enter a server name (see below).
- Manual Entry of Server Names: iMailtoo! will enable the end user to type a URL or IP Address that is not already in the list of validation servers. Please note that this setting will be lost if one of the default options are chosen and the iMailtoo! Configuration Utility settings are saved on exit.
- Validation Server List: The validation server drop-down selections have been modified to add [www.endicia.com](http://www.endicia.com) and remove [www.postage.endicia.com](http://www.postage.endicia.com).

#### Shipping through DAZzle

- DAZzle Validation Control: iMailtoo! can now automatically set DAZzle to use an active validation server "on the fly". This is a hidden setting on the Environment page.
- Flexible File Location:
  - Previous versions of iMailtoo! would use the user's temp folder (e.g. "C:\Documents and Settings\*username*\Local Settings\Temp") as a placeholder to store the ToDaz.xml and FromDaz.xml files. These files are used to communicate with DAZzle during the shipping phase.
  - Version 5.2.03 now enables the user to select a different folder by opening the iMailtoo! Configuration Utility, pressing the Alt+I keys to display the Environment Settings window and selecting a new folder. If the folder cannot be accessed while saving or when launching iMailtoo!, it will first attempt to use the user's temp folder. If that cannot be accessed, it uses the root of C:\. If that cannot be accessed, the shipper will receive a path not found error when attempting to ship. These errors generally do to user rights. If the error persists, change to a different folder or contact the individuals in charge of user rights assignments.

#### Fixes

- If iMailtoo! could not locate a validation server, and then eventually one was available, iMailtoo! would remain disabled unless it was restarted. This issue is resolved in 5.2.03.
- If DAZzle was not started within the last 7 days, iMailtoo! would return a No Ship Status but would not give a description why. In 5.2.03, a description is shown in the Edit License Utility located in the iMailtoo Configuration Utility.
- If using an International service, and not using one of the discounted integrated shipping labels, and have selected not to print a separate customs document, iMailtoo! would not send the Country name to DAZzle and an error would be generated. This issue was resolved in

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## IM5202

released on 05-14-2008

iMailtoo! now supports the May 12, 2008 U.S. Postal Service changes. This means that iMailtoo! users can take advantage of commercial discounts for Domestic Priority and Express Mail.

#### New (Clippership Users Only)

Commercial rates will be *updated* if the Endicia requirements (above) are applied. And the commercial rates can be *displayed* in Clippership while rating if the following conditions are met.

- Installed Clippership version 12.9.00 or greater
- Add the following lines to the POS.INI at the Account level.

```
PriorityCommercial=YES
ExpressCommercial=YES
PriorityIntlCommercial=YES
ExpressIntlCommercial=YES
```

1. If set to YES, Clippership will display the commercial rates as a *courtesy* to iMailtoo! customers. The caveat is Clippership returns the discount rates to ALL Priority packages when only packages with Confirmation Services should qualify. This is because the Clippership - USPS Rates Only module is not able to utilize Confirmation Services. The result is that incorrect rates will be displayed for non Delivery or Signature Confirmation packages. However, iMailtoo! will update Clippership with the correct charge after the package is recorded.
2. The INI options do not expose the Delivery Confirmation Special Service options in Clippership.
3. To switch to Retail Rates, change the setting from YES to NO.

#### New

New function: *Show\_SpecialServices\_MAX*  
Existing Function: *Show\_SpecialServices*

Description: The existing function launches a special services window containing services that the Clippership Rates Only does not offer. The MAX version will launch a special services window that shows all services and more.

Clippership Notes: The updated iMailtoo! Starter Kit has a modified My\_iMailtoo - Special\_Services driver that will preload all variables into iMailtoo!, then

update and re-rate Clippership with modified settings. If the service indicator and zone is supplied prior to launching Show\_SpecialServices\_MAX, iMailtoo! will make every attempt to create a list applicable to the specified service, otherwise, ALL services (below) will be displayed.

\* For backwards compatibility, existing Starter Kits may be used and call the shortened special services version. The new kit has renamed this driver to Special\_Services\_Min so existing custom functions do not need to be changed.

## Services

- Confirmation Services (cycles through Delivery, Signature and None)
- Certificate of Mailing
- Certified Mail
- COD
- Insured Mail
- Value
- Oversize
- Balloon Rate
- Non-Machinable
- Length
- Width
- Depth
- Description
- Reply Postage
- Registered Mail
- Return Receipt
- Return to Sender
- Restricted Delivery
- Cost Center
- Signature Waiver
- No Holiday Delivery
- No Weekend Delivery
- Express Mail Premium Service
- Print Labels for Unverified Addresses
- Rubber Stamp 1 - 5
- Use Stealth (hidden) Postage
- Added support for the following new Clippership carrier codes: P60, P85 & P86
- Since International Priority Mail Flat Rate Envelope cannot use the DAZzle layout "Large Priority Mail International Shipping Label.lyt", a new label selection has been added to the configuration settings.
  - Name: Intl Priority Mail, Flat Rate Envelope
  - Usage: To receive the 5% discount, use "Small Priority Mail International Shipping Label.lyt". By default the value in the label setup is blank, so this value should be added. Open the label in DAZzle and save it to the appropriate label printer.

## Modified

An existing label description in the iMailtoo! Configuration Utility has been changed to encompass both Domestic and International letters.

Existing Label Description: Domestic Small Letter (Envelope)

Changed To: Domestic and International Letters

Description: This label will be used for both First Class Domestic and International Letters, Clippership internal codes P09 and P86. Since the description has been changed, the label will need to be configured in the iMailtoo! Configuration Utility. This should use the DAZzle layout file "Envelope.LYT", or something similar.

## Discontinued

Until further notice, Bound Printed Matter is not supported for internet postage shippers. Selecting this service in iMailtoo! will set the *MailClass* property NONE and print an address label with no postage. More details will be released when available.

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## IM5201

released on 05-05-2008

iMailtoo! now supports the following modifications implemented by Endicia on March 3, 2008:

- *LargeFlatRateBox* has been added as a new *PackageType* for Priority mail (Domestic, International and APO shipments)
- *ExpressMailPremiumService* Boolean Property was added to support Sunday & Holiday Delivery service for Express Mail ONLY.
- Other DAZzle implementations such as OneCode and Intelligent Mail Barcodes does not affect iMailtoo! because this is set directly through DAZzle.

Also, two new functions have be added to help work with external applications.

- *SetWinForeground* will bring an already maximized application to the foreground. Otherwise, if minimized, the focus will be set to a minimize application.
- *SetWinRestoreAndForeground* will restore a minimized application, and then set it to the foreground.

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## IM5200

released on 02-26-2008

iMailtoo! just got better with version 5.0. New enhancements and interfaces make it easier for users and programmers alike. What's new in iMailtoo!?

- Let iMailtoo! handle the user forms. All user input forms and informational windows, such as Address Validation, International Customs screen and Additional Special Services screens are now built into iMailtoo!. The programmer can choose to display these forms or create their own external forms. Previously, the only option was for the programmer to create their own forms as needed.
- Configuration made easy. On first run, iMailtoo! creates a configuration file with all the required user settings. This file can be used for one or multiple workstations to maintain iMailtoo! user configurable settings.
- What about Kewill. Integrate, did that get easier? Oh, you bet it did! Import our class file and insert a few lines of code into your Clippership host IDE window, and that's it!
- What International customs form do I use? If using the new function *Show\_International\_Form*, iMailtoo! will now make every attempt to choose the appropriate customs form based on the label chosen in the iMailtoo! Configuration Utility.
- I can't contact my validation server. No more entering the iMailtoo! configuration screens to change your validation server. iMailtoo! will now cycle through all available servers until one is found.
- Other internal enhancements were added for better error trapping and reliability...

Latest Additions:

- *Message Options* have been added to the File menu in the iMailtoo! Configuration Utility. If selected and configured, iMailtoo! will display address validation messages based on the Display Level selection. If the user does not accept the validation reply, and new status number and description will be returned -105 User cancelled address validation. These options may also be set by using the two new validation functions below.
- *Show\_ValidationWindows* will instruct iMailtoo! to show or not show validation windows. This will override the Message Options setting (above) until the *Reset\_All* function is called.
- *Show\_ValidationLevel* - If showing validation windows, this option indicates what type of messages will be shown to the user. This will override the Message Options setting (above) until the *Reset\_All* function is called.
- New validation server options have been added to the iMailtoo! Configuration Utility. Previous versions enabled the user to choose 1 of 3 servers. In version 5.0, three servers can now be configured (default server, and backup 1 & 2 servers). If the default server cannot be contacted, iMailtoo! will cycle through all servers until an active server is available. The active server is then configured as the default server.
- *Show\_International\_Form* was added to display a customs information form for International and APO/FPO data entry. If the *MailClass* is set prior to calling this function, iMailtoo! will attempt to select the appropriate customs form type based on the label selected in the iMailtoo! Configuration Utility.
- Any APO/FPO addresses or International address not using the DAZzle 2976 or 2976A layout files AND have chosen DAZzle to produce customs documents AND contain numerous address lines, will be prompted with a user interface to allow users to modify the address.
- *Intl\_AutoPrintCustomsForms* prints customs forms to your default printer without user intervention.
- *Intl\_CustomsFormType* enables the choice of 3 customs form options (NoForm, CN22, and CP72). Previous iMailtoo! versions had a fourth option of "Auto", which has been removed in version 5.0.
- *Show\_SpecialServices* form has been added to allow selection of special services not available with Clippership rates only module.
- *ReturnToSender* flag for Global Express Mail.
- *Prompt* flag has been added for troubleshooting purposes.

Modifications:

- *Initialize* function contains a new optional parameter: ConfigFile as String. All configuration data may be set, and updated to, an ini file.
- *WeightOz* was changed from Integer to Single (4.1)
- *Intl\_CustomsQty* was changed from Integer to Long (max length = 8)
- *Intl\_CustomsWeightOz* was changed from Integer to Long (max length = 8)
- *TransactionID* was changed from Integer to Long. Previous versions of iMailtoo! encountered an overflow error after shipping a package and the transaction counter exceeded 32,000 records.

Discontinued Properties and Functions:

- *Intl\_PrintCustomsForm* property is now handled by two new properties *Intl\_AutoPrintCustomsForms* and *Intl\_CustomsFormType*.
- *ConnectedToEndicia* function is not needed, due to the new process to cycle through address validation servers.
- *SuppressDazWindows* has been removed and replace with *Prompt*.

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## IM4100

released on 10-09-2007

- Added an optional parameter to the *Intl\_PrintCustomsForm* property to accept one of four parameters: Auto, NoForm, CN22 or CP72. If *Intl\_PrintcustomsForm* is set to TRUE and an option is not selected, iMailtoo! will use the default setting of Auto.
- When shipping to APO/FPO's and *PrintCustomsForm* is set to Auto, iMailtoo! will now choose the CP72 Customs form for packages weighing over 16 oz.
- When shipping International or APO/FPO's, the DAZzle VALUE field now contains the total customs value captured in *Intl\_CustomsValue(1)* through (5) properties. If the total value is 0, iMailtoo! will use the Insurance Value, if applicable.
- When shipping International or APO/FPO's, the DAZzle *Description* field now contains the value captured from the *Intl\_CustomsDesc(1)* property.
- Modified the *Length*, *Width* and *Depth* properties to accept 2 decimal places. Currently, Clippership does not support dimensions with decimals, but custom programming could accommodate such changes.
- Additional error checking to stop processing if a package is too large, which will produce the error "-316 Package Exceeds Maximum Dimensions".
- If shipping Express Mail and the recipient phone number is blank, iMailtoo! will display a window for the shipper to enter a valid phone number.

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## IM4000

released prior to 10-2007

On May 14, 2007 the United States Postal Service incorporated some significant changes to their rating schemes, service indicators and packaging specifications. Due to such specifications, it is required that DAZzle is to be updated to version 7 or greater and iMailtoo! to version 4.0 or greater. Clippership users must upgrade their software to version 12.5.00 or greater and Kewill.Integrate version 2.0 or greater. See the bulleted list below for the latest iMailtoo! modifications.

- iMailtoo! now conforms with the latest DAZzle changes to split the Mail Class and Package Types. The two properties may be set individually, or if using Clippership, the *CS\_IntCode\_2\_MailClass* function will automatically set both properties for you.
- Removed *Oversize* and *FlatRate* properties
- Added *OversizeRate* and *BalloonRate* properties
- Added *Length*, *Width* and *Depth* properties
- Added *PackageDescription* property to return the current *PackageType.1*
- Added *ReturnGoods* option to International Contents Type
- Added *Intl\_CustomsCertify* and *Intl\_CustomsSigner* properties for International shipping
- Due to the changes in service names, the current iMailtoo! label configurations must be edited to select new label types.
- iMailtoo! can take advantage of online postage discounts for International shipments by selecting Stealth Postage and selecting the appropriate DAZzle labels. If using Clippership, the discount must be added to the carrier code to display to proper rate.
- Dazzle will now start automatically when calling the iMailtoo! Initialize function. If integrating with Clippership, then Dazzle no longer needs to be configured as a host object.
- Added a popup message to wait an extended time for the Dazzle xml ship reply file.

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## IM3500

released prior to 10-2007

- A optional parameter has been added to the *Initialize* function to import the iMailtoo! license string.
- The following functions have been added: *ImportDazzleRegistry*, *ExportDazzleRegistry*, *ImportiMailtooConfig* and *ExportiMailtooConfig*.
- Additional *StatusNum*'s and *StatusMsg*'s have been added for the above 4 new functions and Dazzle shipping reply messages.

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## IM3000 (conception of iMailtoo! logo)

released date: 03-2006

iMailtoo! was moved from a Kewill.Integrate (KI) project to a Microsoft Visual Basic DLL and designed to drop into any type of shipping environment. Full CASS Certified Address Validation was added, which also supported a return value for residential indicators. Some GUI's were added, but a majority needed to be created externally as needed. Most of these UI's were designed through KI as user forms.

Additional revisions were released to support new features, but update documentation was limited.

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## IM2000

release date: 12-2004

A full TracerX project designed for Clippership customers only. Some revisions were released to support new features, but update documentation was limited.

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## IM1000

release date: 09-2004

A full Kewill.Integrate (KI) project designed for Clippership customers only. Some revisions were released to support new features, but update documentation was limited.

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