Matrix™ 6.9.9 Release Notes

Matrix 6.9 OS/Browser Compatibility

Matrix 6.9 is compatible with the latest browser versions supported by mainstream operating systems. Retired operating systems and browsers, such as Windows XP and Internet Explorer 8 (IE8), are not supported. All users who are using a previous version of these browsers will be presented with a warning at login to encourage upgrading. Issues related to supported browsers that can't be resolved by upgrading to the latest newer version will be reviewed and resolved on a priority and best-effort basis. CoreLogic will support upgrades to browsers as soon as reasonably practical after the date when the new version of the browser is available for shipment in new retail computers.

Matrix Desktop

Desktop users who choose to use Internet Explorer (IE) on Windows Vista can upgrade as far as IE9. Windows 7 and Windows 8 can upgrade to IE11. Firefox and Chrome automatically update to their most recent versions regardless of underlying operating system. Matrix Desktop supports the following browsers;

- Internet Explorer 9, 10, 11
- And the most recent versions of:
    - Safari
    - Chrome
    - Firefox
    - Android Browser
    - Chrome Mobile
    - Safari Mobile

Matrix Mobile

iPad and Android Tablet users should ensure they're up to date with the most recent version of their browser they can install. Matrix Mobile supports the following browsers:

- IOS Safari
- IOS Chrome
- Android Browser
- Android Chrome

Bugs reported against other platforms (including Windows Phone) will be fixed on a best-effort basis.

Enhancements
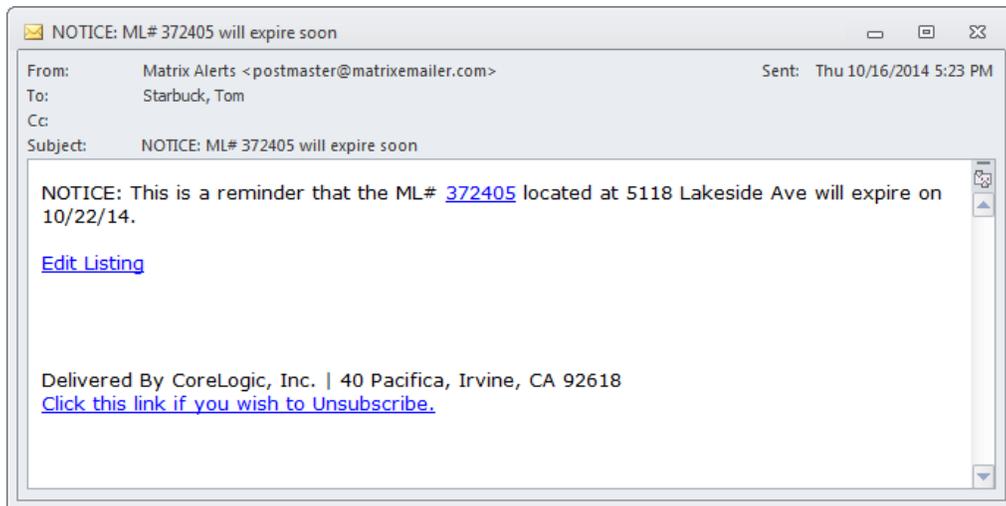
Agent Notifications Alerts

The Admin Staff can create and manage automatic alert notifications to agents for events such as 'Your Listing is about to expire' or 'Your listing has no images'. Alerts can be emailed and/or appear in the News and Alerts on the Matrix Home Page.

Example of Agent Notification in News and Alerts on Matrix Home Page
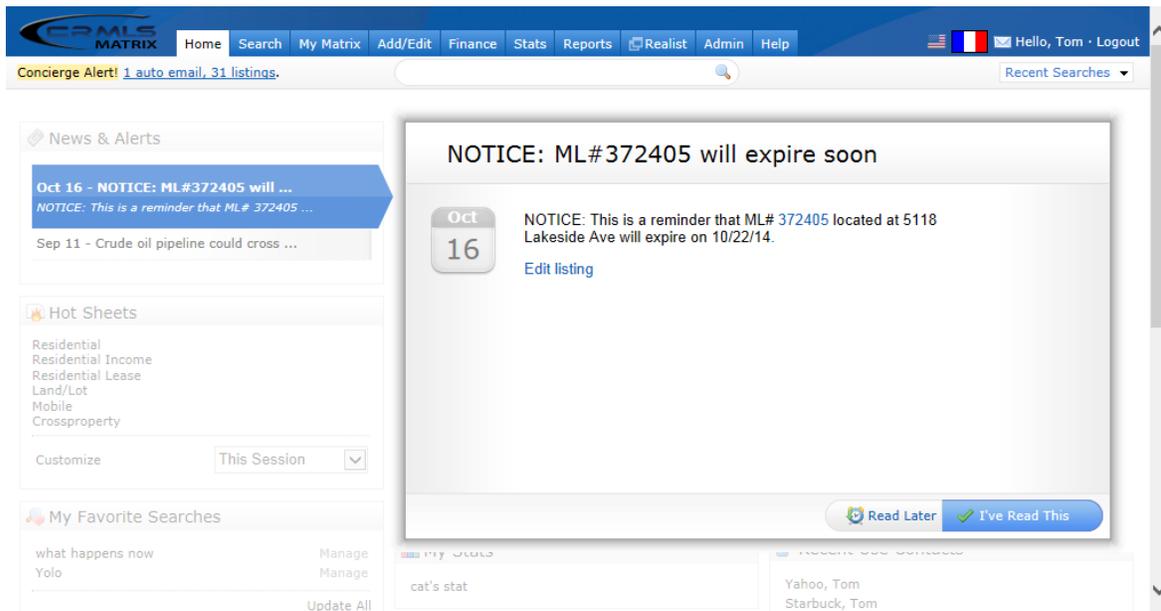
Example of Agent Notification Email

Agent Notification Management Page (Admin Staff Tool)

Notes:

- Notifications can be triggered in two ways:
  1. **Date-based triggers** which are evaluated nightly, for configuring notifications like "*Your listing will expire in 7 days*" or "*Your listing has been Active for 3 days and does not yet have any images*"
  2. **Rule-based triggers** which are evaluated when a listing is entered or updated, such as board-load sites where agents do not enter their own listings, a notification like "Your listing has been entered and is now Active"
- Text and recipients of each notification are fully configurable per site.
- Alerts and emails can contain links to view the listing and/or to edit the listing.

Enhancements to Auto Email Settings

- Auto Email Settings now allows an initial *Welcome Email* message and a new *Recurring Email* message be configured for each Auto Email. The Welcome Email is sent with the first auto email sent, while subsequent auto emails will use the Recurring message.
- Instead of displaying an empty message box when creating a new auto email, Matrix now displays the predefined message text that appears to the recipient. (In prior versions of Matrix, this message box was blank, but the recipient would still receive the predefined message.)

Improvements to Image Viewer for Smaller Browsers

The Image Viewer has been enhanced to improve display of larger (and smaller) images in browsers with low resolution screens.
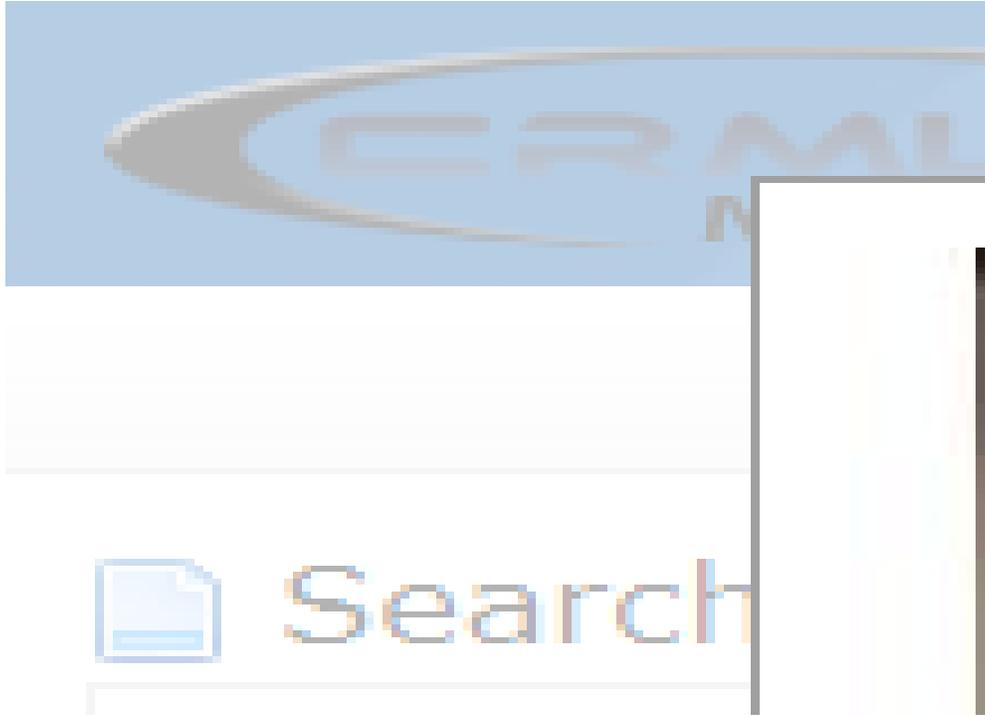
Many sites would like to display larger size images (i.e. 1024x768) in Matrix, but there were several problems with doing so prior to Matrix v6.9 including; A) Images which were originally uploaded or saved as smaller than 1024x768 are stretched when displayed and thus blurry, B) The image viewer in Matrix could run off the page on smaller browser windows requiring the user to scroll to view the bottom of the image and navigation controls, and C) in the Portal, the client couldn't scroll and thus never able to see the rest of the image.

In order to resolve these issues and allow for display of larger image sizes, the following changes were made:

1. Images for which the original uploaded image was saved as smaller than the size being requested are now padded with white margins as needed in order to keep from being stretched and blurred.
   a. For example: an original image is 640x480; if it is placed on a display and sized at 400x300 then no white will be added; it will just be shrunk to fit. If the pop-up image viewer is set to display images at 1024x768 then white padding will be added to all four sides in order to refrain from stretching and blurring the image.
2. The pop-up image viewer is now sized according to the user's window and will not exceed the height or width of the window.
3. No longer are 100 pixels of space always displayed above the image viewer. Now the image viewer is centered both horizontally and vertically.

Notes:

- Increasing the largest display size of images from 640x480 to 1024x768 will double (or more) the size of the media cache. For accounts which are migrating to Amazon S3 this is not a problem. However for sites we host which are not in the cloud, this is a problem and we cannot increase their image sizes at this time. For sites which self-host, the decision will be theirs but they will need to allocate at least double the existing storage for the media cache.

- Each site stores the "original" image at a set maximum size which can differ from site to site. Some sites already store the original size at 1024x768 or larger, and thus would immediately have larger images available if their site is configured to now display images at the larger size. Other sites store the original image smaller, such as 640x480. For these sites there should be a ramp-up period where original images are stored at the larger size for several months so that when Matrix is set to display images at the larger size they will have larger images available. Otherwise users would just see images with white borders. Additional media storage will be needed when making this change.

Session Timeout Warning Message

A reminder alert will appear at the top of the screen just below the Menu bar indicating to the user their session will expire in *n* minutes. The number of minutes before the Session Timeout warning messages appears is site configurable. When the user's session expires they will automatically be redirected to the Login screen. If they have multiple tabs/windows open in their current session, then all windows/tabs will be redirected to the Login screen.
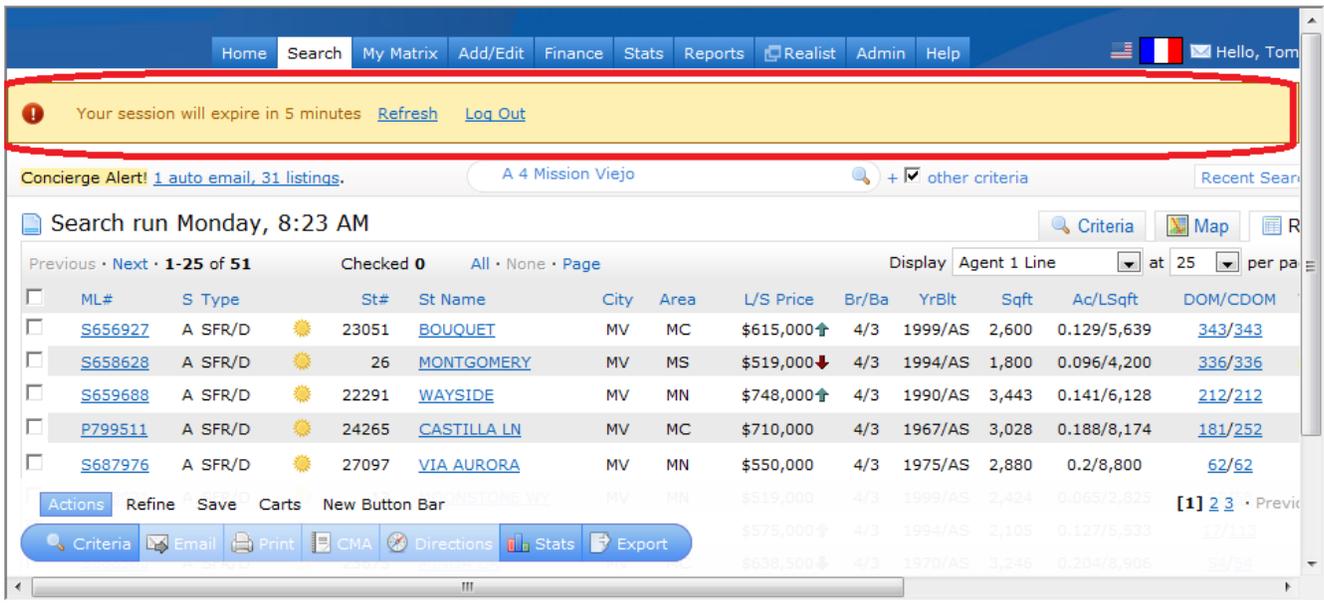
Change to Portal Greeting Salutation

In Matrix 6.9 the Portal Greeting Salutation (e.g. "Hello John,") is now set in the contact's Personal Information instead of the My Portal Greet screen. This change was necessitated as part of providing the ability to customize the default Auto-Email text, while still allowing those emails to be personalized with a salutation.
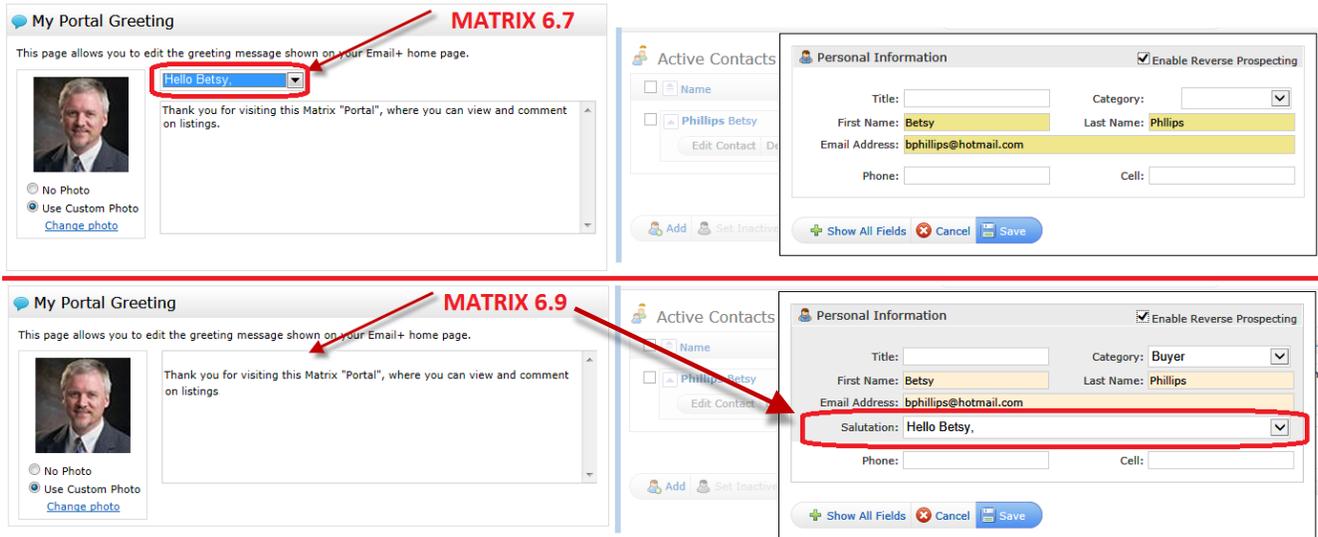
Auto-notification Options for "Unsubscribe"

The option to "**Unsubscribe from all future emails from ANY real estate agent**" that is displayed when a consumer clicks the "Unsubscribe" link in an auto-notification email can now be enabled or disabled.
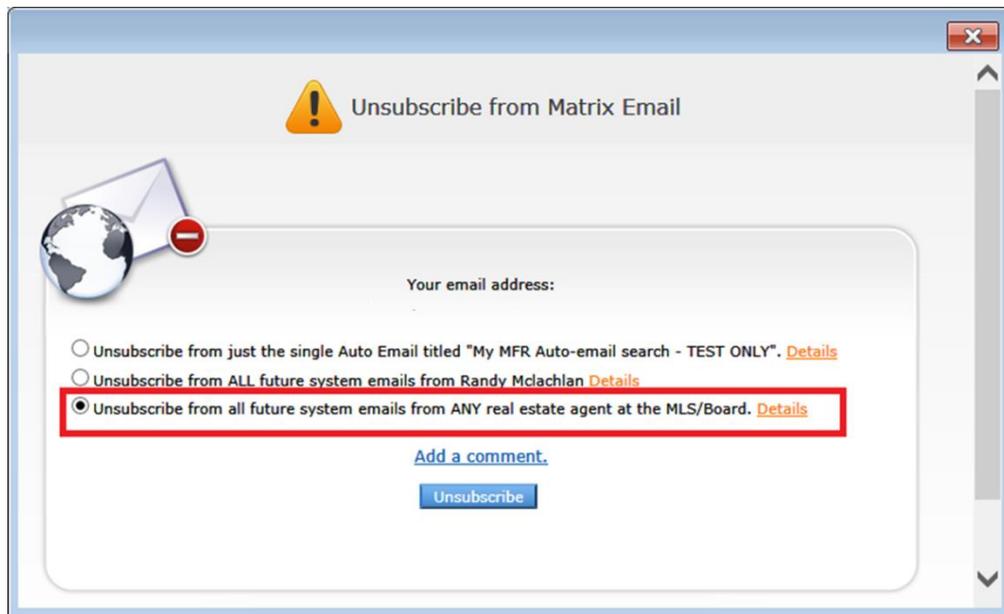
Swap User Data Tool (Staff Admin Tool)

This tool allows MLS Staff to take all the information from one User and 'swap' it with another User. Tool can be found in the Control Panel under "Swap User Data"

To swap data:

1. Enter the usernames of the two accounts whose data you wish to swap
2. Verify that the accounts are correct. One of the accounts should have 0 Contacts and 0 Searches, as otherwise that data will no longer be available to this user.
3. Click "Perform User Data Swap" to transfer each accounts' data to the other

Notes:

- This tool allows an admin to swap user data -- searches, contacts, etc. -- between two user accounts. It moves all such data from the user selected on the left to the user selected on the right, and all data from the user on the right to the user on the left. It does NOT transfer data one direction only.
- It is suitable only for situations where one user account is brand new and the other account is no longer going to be used, such as when a particular agent moves from one association to a different association and gets a new user ID, but is still the same person.
- It is NOT suitable for situations where both accounts have contact data and you wish to transfer (merge) all data from one account to the other.

RETS: PostObject

The PostObject transaction is used to upload Images and other related objects to listings.

RETS: Location=1 functionality

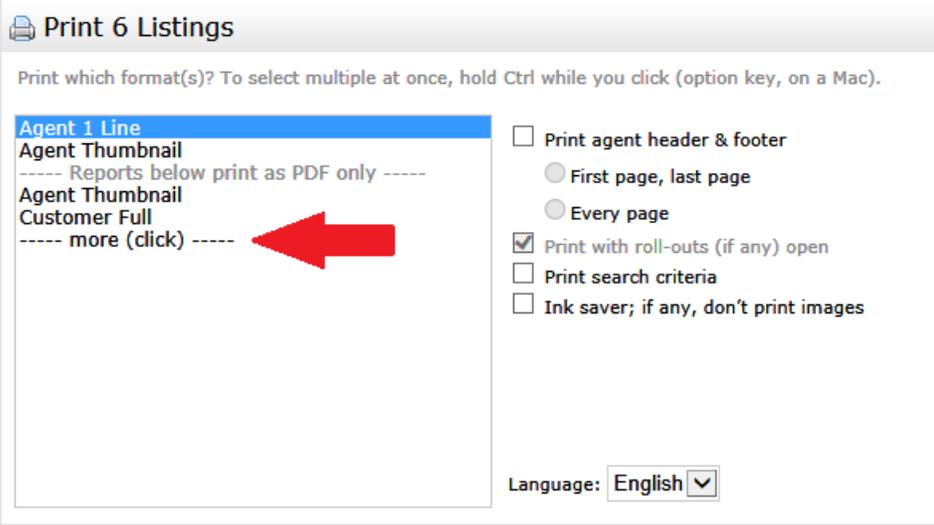This optional RETS parameter indicates whether the object (i.e. Images) or a URL to the object should be returned. If Location is set to "1" the server may return a URL to the given object. The default is "0". The RETS server at a given site may or may not support this functionality. **NOTE: DUE TO ADDITIONAL SERVER LOAD ADDITIONAL FEES APPLY FOR THIS FUNCTIONALITY**

Issues Resolved

Changes in v6.9.1 – released 20 Oct 2014

ID	Function	Description
41843	Add/Edit	Added ability to associate a Security Access Group to Input Form Fill options. For example, a Realist Tax Auto-pop Forms could be made visible only to a participating Board.
41532	Admin	If an agent tries to save an Agent Web Page URL using a BLANK subdomain Additional Domain in their 'My Matrix > Settings > Agent Webpage' settings page (i.e. http://matrix.[sitecode].com/Matrix/Public), the web page results in a "This web page is currently unavailable." Subdomain names used in Matrix server naming convention are now restricted by default.
43094	Admin	Deleting an input form prompts whether to delete RETS Update Action.
8322	Back End	API support for MRIS's Mozaic application
28465	Home Page	On rare occasions a Matrix web page could not load the CSS files properly after a web server recycle.
10120	Mobile	Mobile Email doesn't enforce the Maximum 5 email addresses limit
43859	Mobile	Using Matrix's Back button (not browser's back button) in Mobile is causing an "Error loading page" error when moving from one-liner results back to Search criteria
43102	Portal	Portal client searches are now no longer revisable by the agent.
43097	Portal	Added Text Wrapping to Listing Notes so longer agent names no longer get truncated.
10086	RETS	RETS Connector - Doesn't support NEWLINE character in headers
41488	Search	Grids now support language switching properly. Headers of custom grids also support multilingual now.

Changes in v6.9.2 – released 19 Nov 2014

ID	Function	Description
10113	Print	**Enhancement:** The Print screen now uses an intelligent reduction filter to display the users most recently printed reports. This new feature will help reduce searching and scrolling for commonly printed reports and hide those reports rarely printed. The complete list of reports always be displayed by clicking "*--- more (click) ----*". The report displayed on the Results screen will still be selected in the Print screen even if it's not one of the most recent reports. New users that have never printed reports will see the complete list of printable reports until a pattern of favorite reports has been established usually after several print. Other changes: When a "PDF Only" report is selected the "Print to PDF" button will automatically be highlighted. When a standard display (non-PDF) is selected the "Print" button will automatically be highlighted.
10080	Add/Edit	When entering a listing with sub-table data (i.e. Room Levels) and saved as Incomplete, the data gets saved to the database but does not display when the Incomplete listing on a display.
8429	RETS	**Enhancement:** RETS - Ability to Watermark images with text such as a Site Code or Application Name and User Data such as User ID and User Name at the moment they are exported via RETS. This feature can be used to trace an image exported via RETS back to the original user that exported the image. **Configuration Required:** Options include position of Watermark, Font Size and Transparency.
10027	RETS	Matrix RETS not correctly presenting Validation Expression Metadata for RETS Update
43296	Reverse Prospecting	If a site does has disabled the Reverse Prospecting capability there were two screens still referring to this feature; 1) When setting up a new Auto Email, the checkbox "Show this contact in Reverse Prospecting results" is showing, and 2) the "Ref#" column under the My Matrix -> Contacts Page.

Resolved in v6.7.9 – released 25 November 2014.

ID	Function	Description
9802	Add/Edit	**Enhancement:** Tax Auto Fill Forms can now be restricted to a particular Security Group. This new capability can be used to permit or restrict access to use certain Tax Auto Fill forms. This is an Admin function found under *Manage Fill From Options*.
10080	Add/Edit	When entering a listing with sub-table data (i.e. Room Levels) and saved as Incomplete, the data gets saved to the database but does not display on a report.
9919	CMA	On the Subject Tab in the CMA Wizard, the "Locate" link does not place the Pin on the Map Pop-Up even though both Latitude and Longitude values are present in the Subject Property.
10089	CMA	The CMA Adjustments screen allowed users to enter values into the Feature Values row for fields designated as non-adjustable. Any values mistakenly entered have no impact on CMA calculations and were not saved with the CMA. The fix will prevent users from entering values for non-adjustable fields.
9839	Contacts	Ability to remove the "In the Category" filter on the Contacts page if Category is not supported by the site.
10058	General	Weather Network widget (URL) not working for US weather only.
10084	General	Correct a number of text display strings not adhering to multi-language settings
10120	Mobile	Mobile Email doesn't enforce the Maximum email addresses limit.
10036	Portal	In the Portal Property Search screen if an agent enters criteria that contains a SPACE character, its internally converted to a PLUS character which is expected, however when the screen is refreshed, the previously entered criteria is redisplayed and the PLUS character is not converted back to a SPACE which modified the criteria and changed the search results.
9960	RETS	**Enhancement:** Support a new Media Type that will allow images to be exported without the white padding added to the images
9988	Reverse Prospecting	If a site does has disabled the Reverse Prospecting capability there were two screens still referring to this feature; 1) When setting up a new Auto Email, the checkbox "Show this contact in Reverse Prospecting results" is showing, and 2) the "Ref#" column under the My Matrix -> Contacts Page.
10003	Settings	In the Agent Web Page Settings, the Content text box doesn't resize correctly.

Resolved in v6.7.11 – released 17 December 2014.

ID	Function	Description
9816	Add/Edit	Retain Image Meta Data (Author, Copyright, Data Taken) after being uploaded to Matrix. NOTE: Image types will be restricted to JPG images This change impacts Matrix versions: 6.7.10, 6.9.3 and 6.10+
n/a	Images	Fixed a bug that reduced image quality making images appear blurry during some image manipulation

Resolved in v6.7.12 – released 12 January 2015.

ID	Function	Description
10229	Images	Clicking the Left Arrow Key in the Photo Viewer when viewing the first image displays a blank image, but should display the last image. Fixed.
10306	Portal	FireFox specific browser issue where the Favorites slide show on the "Welcome" Page of the Portal not displaying any of the Favorite listings the client selected

Changes in v6.9.3 – released 3 December 2014

ID	Function	Description
10126	Mobile	Resolved issue when trying to send an email from the mobile site and user has selected too many recipient contacts or hasn't entered a Subject Line, a warning message indicates to correct the error, however even after correcting the error the email still failed.
	Mobile	Repositioned the Mobile portal header "i" Help button so that it doesn't overlap branding images.
10142	Portal	Portal Header doesn't support multilingual
10141	Printing	When attempting to print an Incomplete listing from the My Listings page, only a blank screen is displayed.
n/a	RETS	RETS PostObject response fixed to read <COLUMNS> instead of <COLUMN>

Changes in v6.9.4 – released 5 December 2014

ID	Function	Description
10253	RETS	GetObject crashes on multi-photo requests when setting Content-Type. GetObject crashes on multi-photo requests when setting Content-Type. Affected MRE Only using v6.9.3.
10253	RETS	Corrected column handling for COMPACT-DECODED format. Affected MRE Only using v6.9.3.

Changes in v6.9.7 – released 16 December 2014

ID	Function	Description
n/a	Images	Fixed a bug that reduced image quality making images appear blurry during some image manipulation

Changes in v6.9.8 – released 5 January 2015

ID	Function	Description
10305	RETS	Performance issue when using GetObject Location = 1 support and Cached Image Watermarking Templates
10276	RETS	Support for the new PadifNeeded=0/1 option has been added to the RETS GetObject request for Agent and Office photos allowing images to be request with or without the white boarder padding.
10281	RETS	Manage RETS Tuning yellow screen error. Fixed - added warning if security group has no members
10302	Settings	There should be an option to pick an agent photo that has been uploaded before in Matrix, e.g. for the CMA cover sheet, when trying to add an image to your email signature. At the moment that option is not there

Changes in v6.9.9 – released 12 January 2015

ID	Function	Description
10306	Portal	Fixed an issue specific to Firefox browser where the Favorites slide show on the "Welcome" Page of the Portal will not display any of the favorites listings the client may have selected.