

Paragon v5.64 Release Enhancements – V6

Agent Level Enhancements

Announcing Homebot for Paragon and Collaboration Center!

Black Knight is excited to reveal a new Agent feature in Paragon and Collab Center called Homebot. Homebot is an innovative marketing and lead generation tool that directs monthly, interactive emails (called “Homebot Digest”) to homeowners about extremely valuable information on their property like:

- Home Value
- Existing loans on their home
- Home equity
- How to save on interest payments
- Down payment for an investment property or move-up home
- Area rents
- Refer a friend

Homebot is the tool that every Homeowner in the U.S. will absolutely LOVE to have! The information is extremely valuable in managing what could be the Homeowner’s largest and most important asset, their Home. *This exciting informational, collaboration tool will be made available by default to all Paragon Agents with the 5.64 release.* Watch for a separate document with more details on Homebot.

Collab Center: Preference Wizard Web Page Setup

Previously, some end users with iPads could not configure their Collaboration Center site as the Preferences Wizard is turned off when viewing Paragon on an iPad. To mitigate this concern, the Collab Center Site Information content has been added to the Collab Center section of User Preferences. This allows end users to configure their Collaboration Center Site regardless of the device being used.

Collab Center: State Field Searches

Previously changes were made to Paragon that allow MLS customers to limit the number of States displayed to users when performing a search or inputting a listing. This change was made to increase the efficiency of users and help mitigate input errors. The state lookup limitations have now been added to Collaboration Center search.

Collab Center: Hide Client Search Notification Options

The ability to hide the notification options for new or modified client searches has been added when that function is unavailable to the agent, based on security level.

The option to allow Collaboration Center clients to create or modify their own searches can be restricted by security level. If the agent’s security level is below the level set by the MLS, the option to create a search is now unavailable to their Collaboration Center clients. The notification options for “Notify on New Client Search” and “Notify on Modified Client Search” in the Preferences\Collab Center\Notification Options will now be hidden if the agent’s security level does not allow client searches in Collaboration Center.

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Collab Center: Map Layers Added

The Collaboration Center and CollabLink applications have been enhanced to include Map Layers. These are the same map layers found in Paragon which include Parcels, County, Flood, Traffic, Area, etc. Parcels cannot be displayed parcel details at this time. Future enhancements may include the ability to view tax and parcel data from this layer.

Collab Center: Access Listing Details Directly from the Listing Update Notification

A direct link has been added that will take the user to the Collaboration Center's Listing Detail view from the listing summary of properties included in the client Listing Update email notifications. Closing the Listing Detail view will return the user to the Collaboration Center home page.

Associated Documents in Collaboration Center

An option has been added for including public Associated Documents in Collaboration Center.

Enabling Associated Documents will add a new section to the Detail reports, with a link to each publicly viewable document for that listing. An Action icon that opens an Associated Documents screen will also be added to the Summary views. Clicking a document link opens that document on a separate screen using the program tied to the device that accesses and opens the document.

Note: To display in Collaboration Center, the Associated Documents must have Public (E-Mailable) set to Yes.

Property History Reports Shows Reference Data

When users add the listing agent and office fields to the Property History they did not have an efficient way to review additional information about the agent or office without changing to another report view.

In order to promote consistency amongst report views and add quick access to pertinent information, the listing agent and office fields in the Property History report have been hyperlinked so that when a user clicks the hyperlinked listing agent or office names, the standard agent or office detail screen will display.

Reorder Your Results on Google Map Report

Available by popular demand, the ability to reorder listings on the Google Map Report view is included in this release. Users can now drag and drop the results in any order that they would like on the report. This will cause the report to refresh so that the numbering associated with the listing in the results and on the map will match. This enhancement alleviates the need to toggle between the Google Map report and the spreadsheet view to reorder the results because previously reordering could only be done in spreadsheet result views.

Improvements to Email Notifications

Currently, when a user deletes an email signature linked to one or more existing email notification there is no option to replace the deleted signature with another one. Users are forced to manually edit each affected notification to add a replacement email signature.

The email signature processes have been modified to provide users with an opportunity to modify email notifications with a new signature if they choose to. This change eliminates the need to manually modify email

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notifications. The user may also choose to permanently remove email signatures from the affected notifications.

Email and Print Update for Estimated Pages

Per customer suggestion we've modified the Estimated Pages column heading to be more descriptive changing it from 'Pages' to 'Est. Pages'.

Rounding Listing Prices Over \$1,000,000

Although infrequent, when a listing price is over \$1,000,000, the listing marker on Map Searches in Paragon would usually round the price too high or too low. This has been corrected so that the rounding displays one decimal place.

Precursor Performance Changes for Automatically Displaying Results on Map Search

In preparation for automatically displaying results when accessing the map search (i.e., Map Boundary) in the next Paragon release, a few performance improvements have been made, thus making results return faster:

- Results reflect lowest to highest system price, previously it displayed highest to lowest price.
- Listing data doesn't load until the user clicks on a cluster or listing price marker.
- The number of columns returned in the results has been limited to a small few key fields.

Another major improvement is that listing map results will now return 2,500 listings instead of 500. Because of the performance improvements listed above, the results return faster.

Listing Activity Data Retained for 120 Days

The Listing Activity displayed on the Listing Activity Report in Paragon Listing Maintenance and in the Sell Side of Collaboration Center has been refactored to retain this pertinent information for the previous 120 Days. This change promotes data accuracy and optimizes system performance.

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MLS Customizations and Administration

All options in this section are configurable via MLS Administration controls or by your System Support Manager as noted.

Enhanced Admin Report on Usage of Listing Reports

New data has been added to the Report Activity Chart. Two new columns have been added; the Report Owner indicates the entity classification and the Report ID indicates the ID of each report.

Minimum Photo Size for Listings

To ensure better quality photos are added to listings, a minimum photo requirement has been implemented to prevent uploading photos that are too small alleviating accidental upload of thumbnail sized photos instead of the full photo of the listing. If a photo is too small, the user will receive an error while attempting to upload it.

Additional Categories for Market Monitor

This enhancement provides the MLS with the option to add 'Back on Market' and/or Rented/Leased as stand-alone categories in the Market Monitor's Market, Office, and Firm sections.

Currently, Back on Market listings are only included in the Hot List of the Market Monitor and Rented/Leased are not currently available. This modification provides the MLS with the option of adding Back on Market and/or Rented/Leased as separate categories, via the Market Monitor Filter. The Rented/Lease category will display in Market Monitor using the MLS's Status Category Description for Category 6. The MLS can also turn on a configuration that will allow agents to have access to modify the categories on their Market Monitor from Preferences\System\Market Monitor.

Force Manual Geocode Required for Listing Input

Some MLS Customers would like to make users manually place the pin on listings (manual geocoding) for listing input and modifications. The current Admin\Mapping menu's 'Input Maint Required' field has been changed to a drop down. The 'Force Manual Geocoding' option has been added and when selected will force users to manually geocode listings whenever a new or modified listing address is entered.

Updates to Listing Audit and Property History Reports

There can be listings with a large number of audit records. The large number of audit records is generally associated with customer conversion cycles or parallel processes. When a listing has more than 999 audit records the Listing Audit and Property History reports did not report the history of a listing correctly. Additionally the Days on Market (DOM) value displayed on the Property History report was calculated incorrectly if a listing had more than 999 audit records. Both issues have been corrected.

Power Search Now Adheres to Board Rules

Customers using Association Autonomy have requested changes to Power Search so that it respects the listing and membership participation settings of member boards. Legacy and advanced Power Search have been modified to adhere to Association Autonomy listing and membership participation settings.

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Collab Center: Third Party Integrations

Do you have a third-party integration in Paragon that you wish you could expose to consumers in the Collaboration Center? Now you can! In 5.64, MLS organizations can now enable any third-party integration available to them in Paragon. All you have to do is contact your SSM and they will work with you to setup that integration point inside of Collaboration Center.

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Corrected Issues

Work Order	Seq	Module	Reporting Customer(s)	Issue Corrected
106746	1	Input Maintenance	Missoula County, Ashland, CREN, Greater Tyler, Heart of Kentucky, Missoula County	Associated Document Count not returning correct values in conditional logic
110434	1	Input Maintenance	Spokane, Central Mississippi, Charlottesville, North Central Virginia, Nova Scotia	Agents able to use lookup relationship values that have not been approved
113561	1	Admin - Messaging	Cape Girardeau County, Highland Lakes, IRMLS, RANW	MLS Messaging not working correctly
130300	1	CMA	Great Plains (Omaha)	Page cannot be displayed on adjustments page in CMA
132854	1	Search - Address	South Central Wisconsin, REB3, Rutherford, Sandicor, Northern Ontario	Ipad Chrome does not scroll past about 8 results ios, ipad
133400	1	Collab Center	REB3	Clients are able to search in Collab only on Mobile devices when New Search is set to level 9
136018	1	Contact Management	REB3, NEREN	Agent Preview- Approving listings receive error
136940	1	Preferences	REB3, NEREN	When selecting Agent Preview in CC preferences an error message displays
137725	1	Collab Center	REB3	When selecting a few listings for Agent Preview warning message shows System ID
138148	1	Mapping	Willamette, Rockford	When using print from the google map always prints aerial view
138426	1	Collab Center	Triangle MLS	DEFAULT MAP ZOOM LEVEL: By default the map zoom level for CC2 is zoomed in too far
121785	33	Search - Property	MAXMLS / EBRD, MiRealSource, NEREN	Power Search does not respect rules set by Board
123716	1	Views/Reports	REB3	Ability to display Feature abbreviations on spreadsheets not functioning
124201	1	Mapping	Santa Fe, REB3	Santa Fe- The pins on the map are rounding up too high and giving inaccurate price
127268	2	Market Monitor	NEREN	Setting MM filters after customizing does not refresh the MM listing counts automatically
135163	1	Third Party Integration	Baldwin County, Bayou	Sentrilock Assign Lockbox inoperable for BCAR due to limitation in configuration data
135912	1	Buy Side	RANW	Collab Center filter shows as "No Filter" and not All Updates
136575	1	Prospecting & Notifications	Western Kentucky	Email notifications not updated when default email signature deleted/replaced
137566	1	Buy Side	REB3	Notifications for New Search and Modified search were added to Collab Center for Customers that don't offer Collab Center search.

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Agent Level Changes

The following section contains changes that are active system wide and available to users based on their assigned security levels.

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- Home Value
- Existing loans on their home
- Home equity
- How to save on interest payments
- Down payment for an investment property or move-up home
- Area rents
- Refer a friend

This new Collaboration Center feature focuses on addressing the needs of Homeowners, Prospective Buyers, and Prospective Sellers. Part of our long term strategy for Collaboration Center is to be the common portal for all types of Clients: Home Buyer -> Home Seller -> Homeowners -> Prospective Buyers\Sellers. It is rapidly becoming a one-stop shop for all of our client's needs.

We have leveraged a 3rd party company named, “Homebot” which we have integrated and embedded into Collaboration Center:

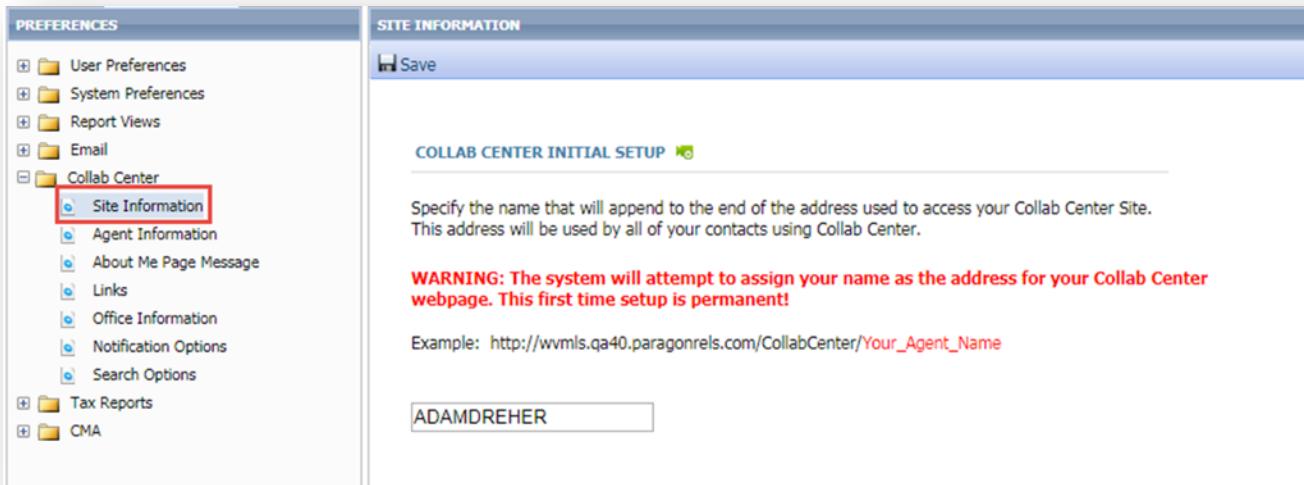
- It provides Homeowners with insight into the financial aspects of their existing home, focusing on the overall wealth building nature of real estate
- It provides Agents with a new tool to engage and incubate new Prospective Home Sellers as well as their existing client base
- It draws new Prospects to the Agent when coupled with Social Media and the Agent's website
- It is a Premium feature that requires a separate subscription from either the Agent or Broker

This exciting informational, collaboration tool will be made available by default to all Paragon Users in the 5.64 release. Watch for a separate document with more details on Homebot.

Collab Center: Preference Wizard Web Page Setup

Previously, some end users who brought iPads to training sessions could not configure their Collaboration Center site because the Preferences Wizard is turned off when viewing Paragon on an iPad. To mitigate this concern, we have added the Collab Center Site Information content to the Collab Center section of User Preferences. This allows end users to configure their Collaboration Center Site regardless of the device being used.

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PREFERENCES

- User Preferences
- System Preferences
- Report Views
- Email
- Collab Center**
- Site Information
- Agent Information
- About Me Page Message
- Links
- Office Information
- Notification Options
- Search Options

SITE INFORMATION

COLLAB CENTER INITIAL SETUP

Specify the name that will append to the end of the address used to access your Collab Center Site. This address will be used by all of your contacts using Collab Center.

WARNING: The system will attempt to assign your name as the address for your Collab Center webpage. This first time setup is permanent!

Example: http://wvmls.qa40.paragonrels.com/CollabCenter/Your_Agent_Name

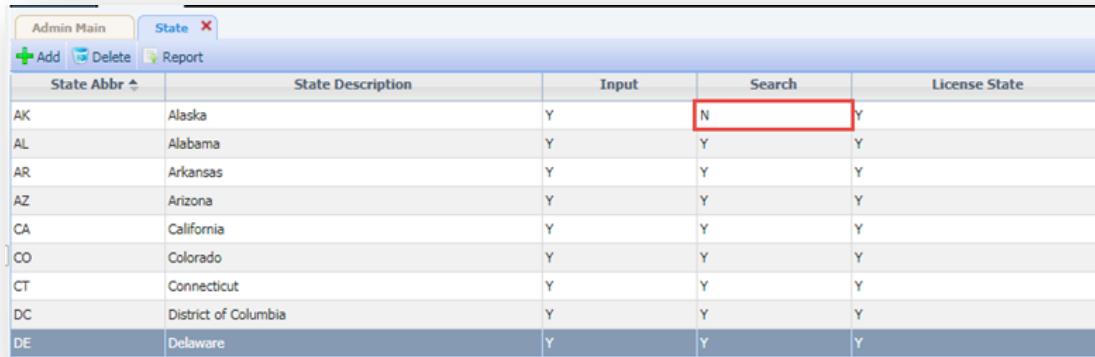
ADAMDREHER

Collab Center: State Field Searches

We previously made changes to Paragon that allow customers to limit the number of states displayed to users when performing a search or inputting a listing. This change was made to increase the efficiency of users and help mitigate input errors.

In order to maintain consistency amongst our applications, the state lookup limitations have been added to Collaboration Center.

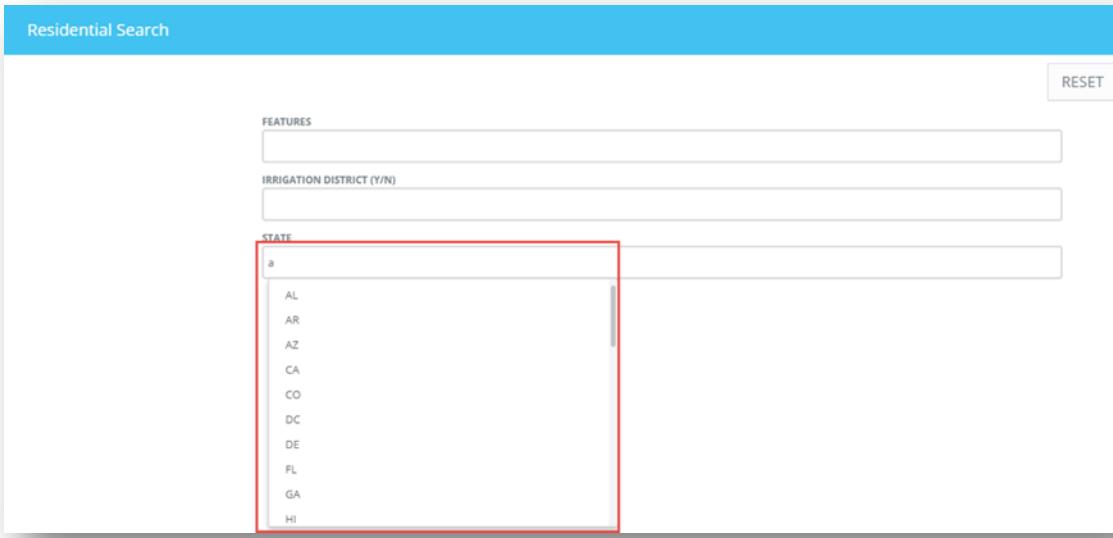
Figure A: State Lookup Setting



State Abbr	State Description	Input	Search	License State
AK	Alaska	Y	N	Y
AL	Alabama	Y	Y	Y
AR	Arkansas	Y	Y	Y
AZ	Arizona	Y	Y	Y
CA	California	Y	Y	Y
CO	Colorado	Y	Y	Y
CT	Connecticut	Y	Y	Y
DC	District of Columbia	Y	Y	Y
DE	Delaware	Y	Y	Y

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Figure B: Collaboration Center Search



Residential Search

FEATURES

IRRIGATION DISTRICT (Y/N)

STATE

a

- AL
- AR
- AZ
- CA
- CO
- DC
- DE
- FL
- GA
- HI

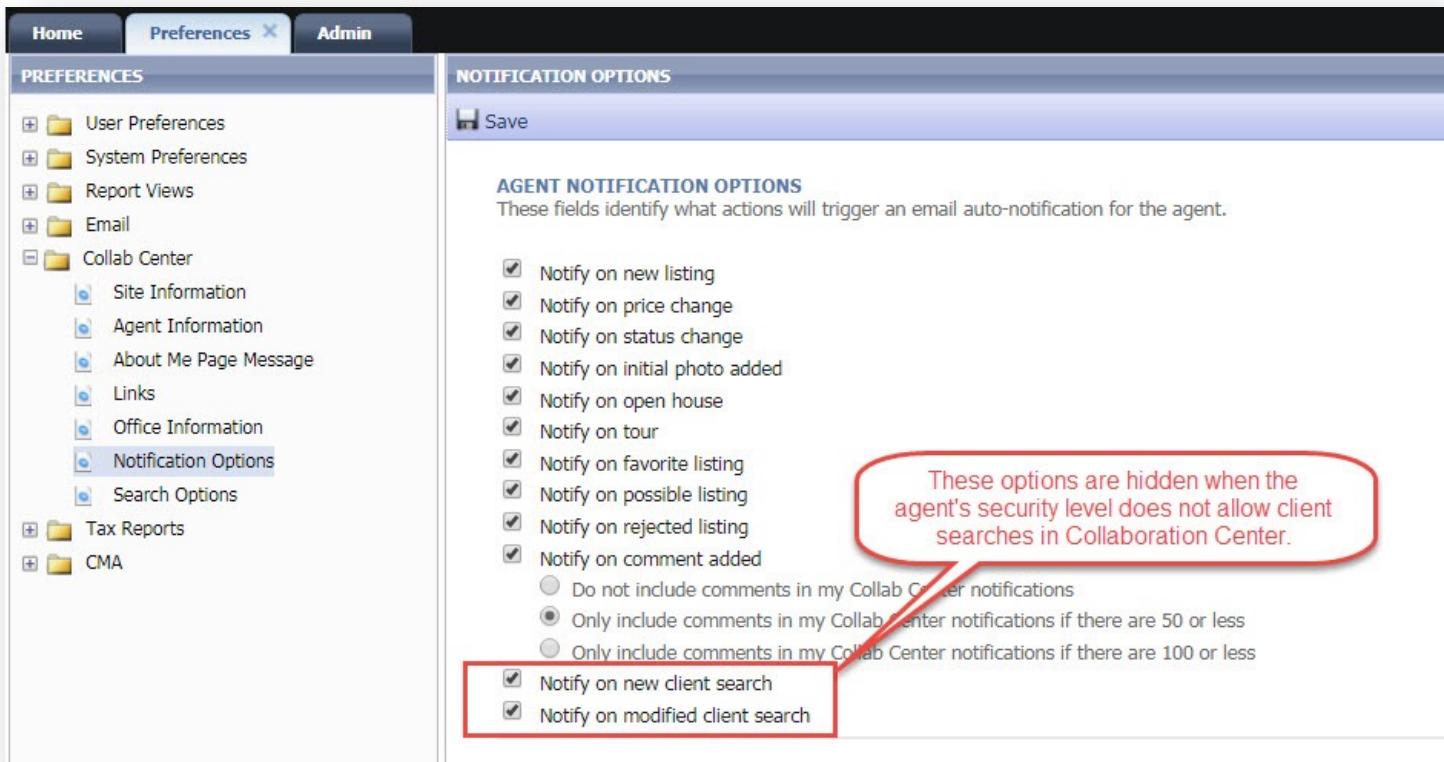
RESET

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We've added the ability to hide the notification options for new or modified client searches when that function is unavailable to the agent, based on security level.

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 - Site Information
 - Agent Information
 - About Me Page Message
 - Links
 - Office Information
 - Notification Options**
 - Search Options
- Tax Reports
- CMA

NOTIFICATION OPTIONS

AGENT NOTIFICATION OPTIONS
These fields identify what actions will trigger an email auto-notification for the agent.

Notify on new listing
 Notify on price change
 Notify on status change
 Notify on initial photo added
 Notify on open house
 Notify on tour
 Notify on favorite listing
 Notify on possible listing
 Notify on rejected listing
 Notify on comment added

Do not include comments in my Collab Center notifications
 Only include comments in my Collab Center notifications if there are 50 or less
 Only include comments in my Collab Center notifications if there are 100 or less

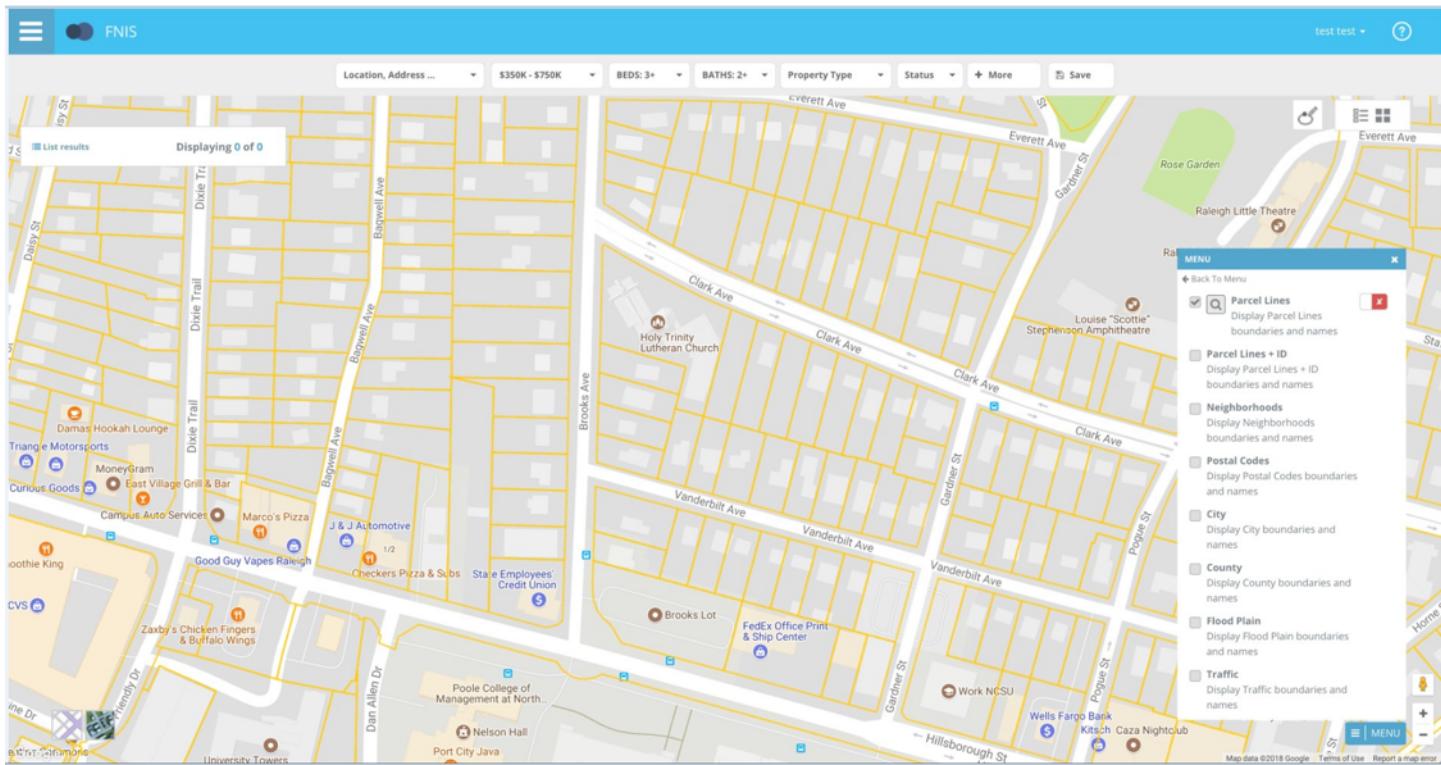
Notify on new client search
 Notify on modified client search

These options are hidden when the agent's security level does not allow client searches in Collaboration Center.

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Figure A: Desktop

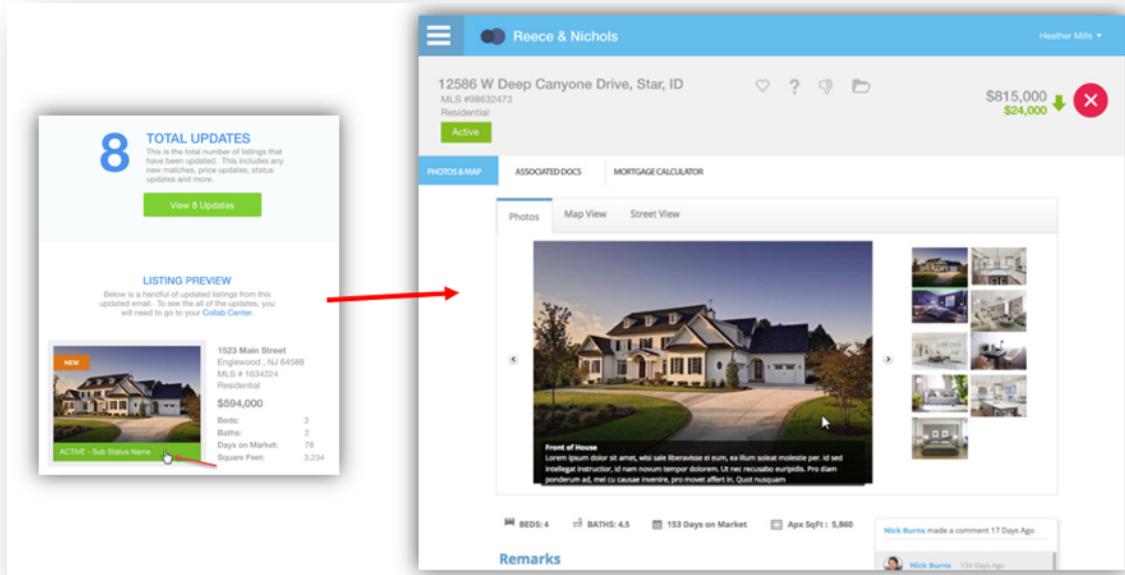
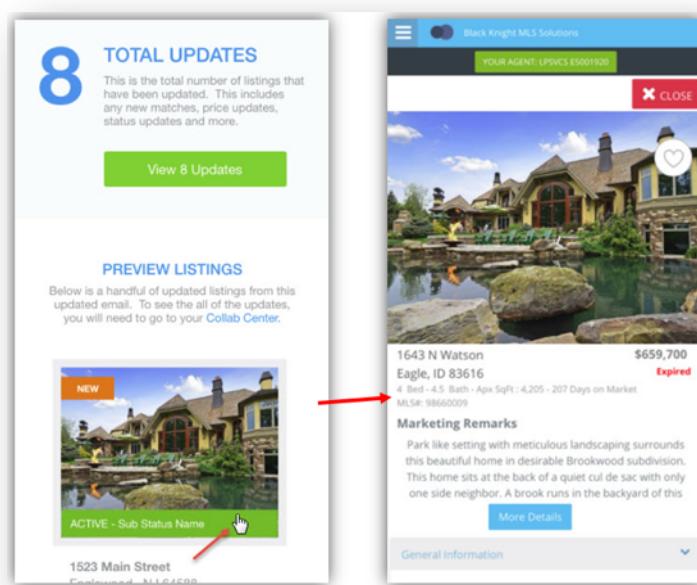


Figure B: Mobile



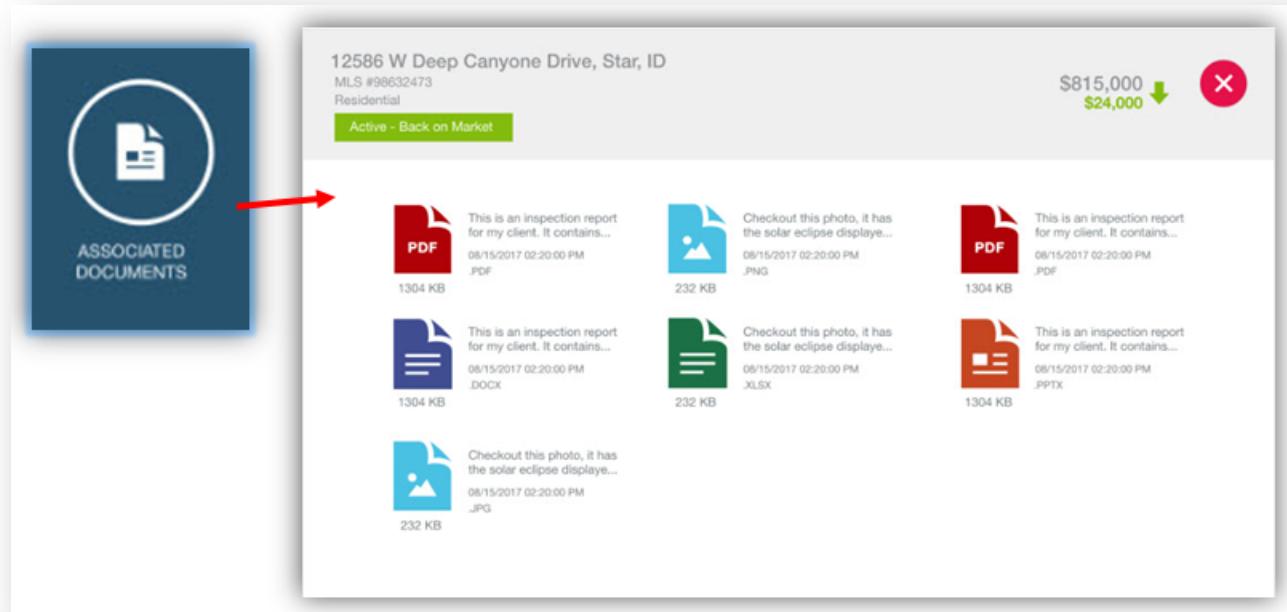
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Associated Documents in Collaboration Center

An option has been added for including public Associated Documents in Collaboration Center emails.

The MLS now has the option of adding a third party integration that will allow public Associated Documents to be viewed on Collaboration Center. Enabling Associated Documents will add a new section to the Detail reports, with a link to each publicly viewable document for that listing. An Action icon that opens an Associated Documents screen will also be added to the Summary views. Clicking a document link opens that document on a separate screen.

Note: To display in Collaboration Center, the Associated Documents must have Public (E-Mailable) set to Yes.

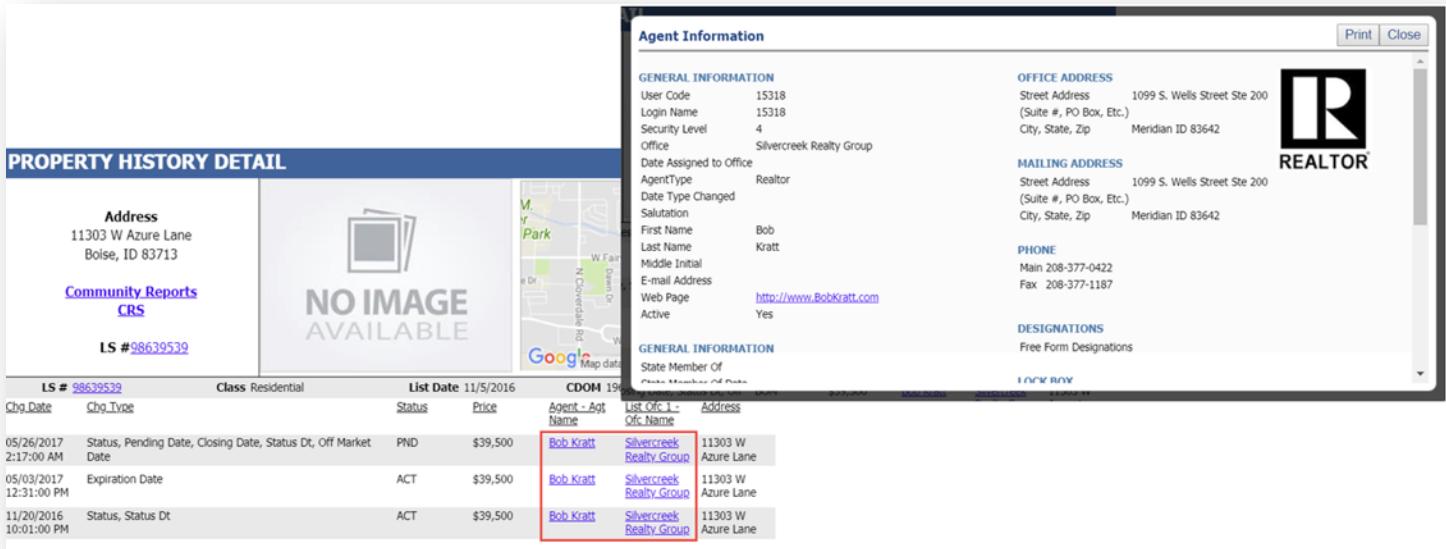


Property History Reports Shows Reference Data

When users add the listing agent and office fields to the Property History they do not have an efficient way to review additional information about the agent or office without changing to another report view.

In order to promote consistency amongst report views, the listing agent and office fields in the Property History report have been hyperlinked. When a user clicks the hyperlinked listing agent or office names, the standard agent or office detail screen will display.

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Reorder Your Results on Google Map Report

Available by popular demand, the ability to reorder listings on the Google Map Report. Users can now drag and drop the results in any order that they would like on the report. This will cause the report to refresh so that the numbering associated with the listing in the results and on the map will match. This enhancement alleviates the need to toggle between the report and the spreadsheet view to reorder the results because previously reordering could only be done in spreadsheet result views.

You will notice that drag handles have been added to allow users to drag and drop the listing in the needed order.

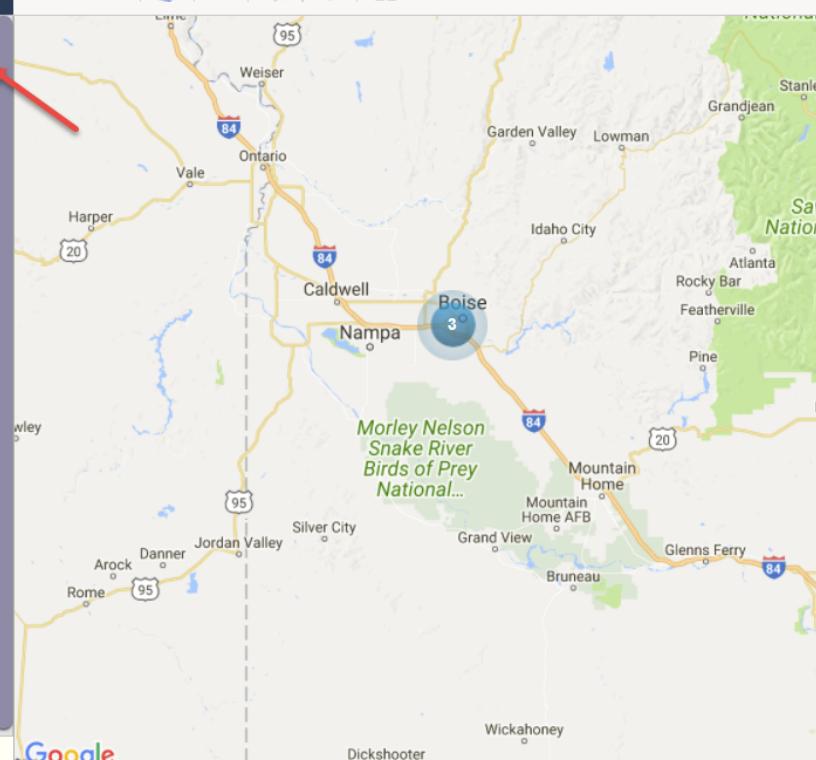
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Google Map (5)

Checked All E-mail Save Print Export Customize Correction Actions

Select All

Road



1 98685080
421 S Curtis #87
Boise Bench - 0400 (0400)
\$18,000 | 0 # Beds | 1.0 # Baths |
1064 Apx SqFt | Dist Center: 60.58 mi

2 98685079
Meridian NW - 1030 (1030)
\$8,000 | 0 # Beds | 0.0 # Baths | 0
Apx SqFt | Dist Center: 66.23 mi

3 98685081
421 S Curtis #87
Boise Bench - 0400 (0400)
\$18,000 | 0 # Beds | 1.0 # Baths |
1064 Apx SqFt | Dist Center: 60.58 mi

4 98685082
391 Silver City Dr.
Boise W-Garden City - 0650 (0650)
\$14,995 | 0 # Beds | 2.0 # Baths | 0
Apx SqFt | Dist Center: 63.91 mi

5 98685083
611 Miller Ave.
Burley-Rupert-MiniCassia - 2005
(2005)
\$113,500 | 3 # Beds | 1.0 # Baths |
1008 Apx SqFt | Dist Center: 90.45 mi

Page Size: 100 ▾

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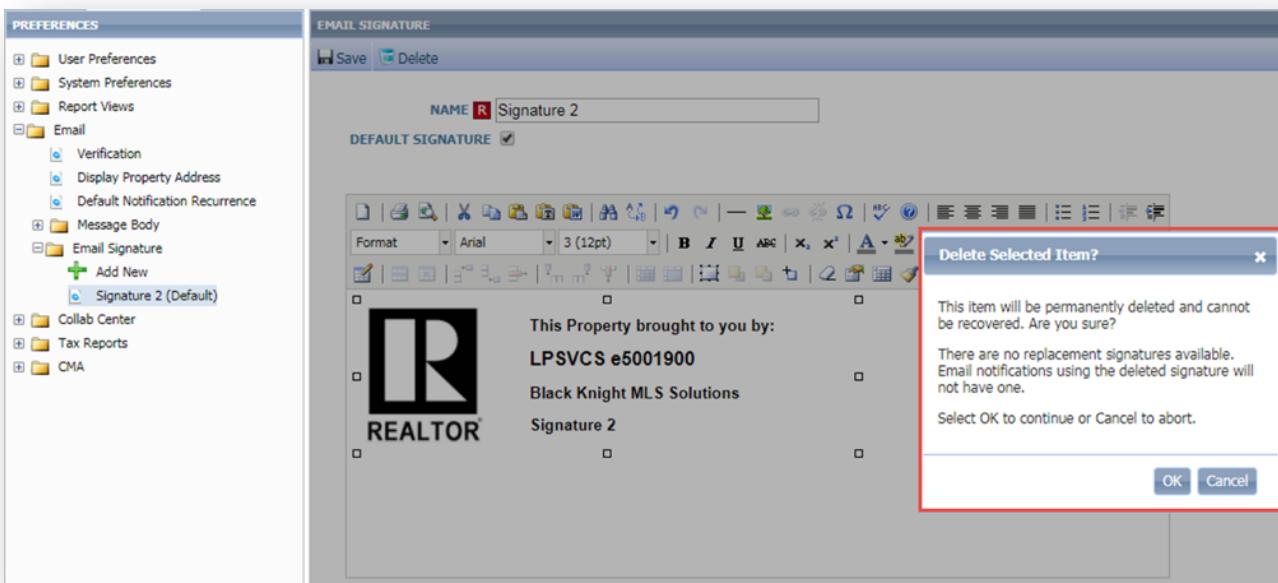
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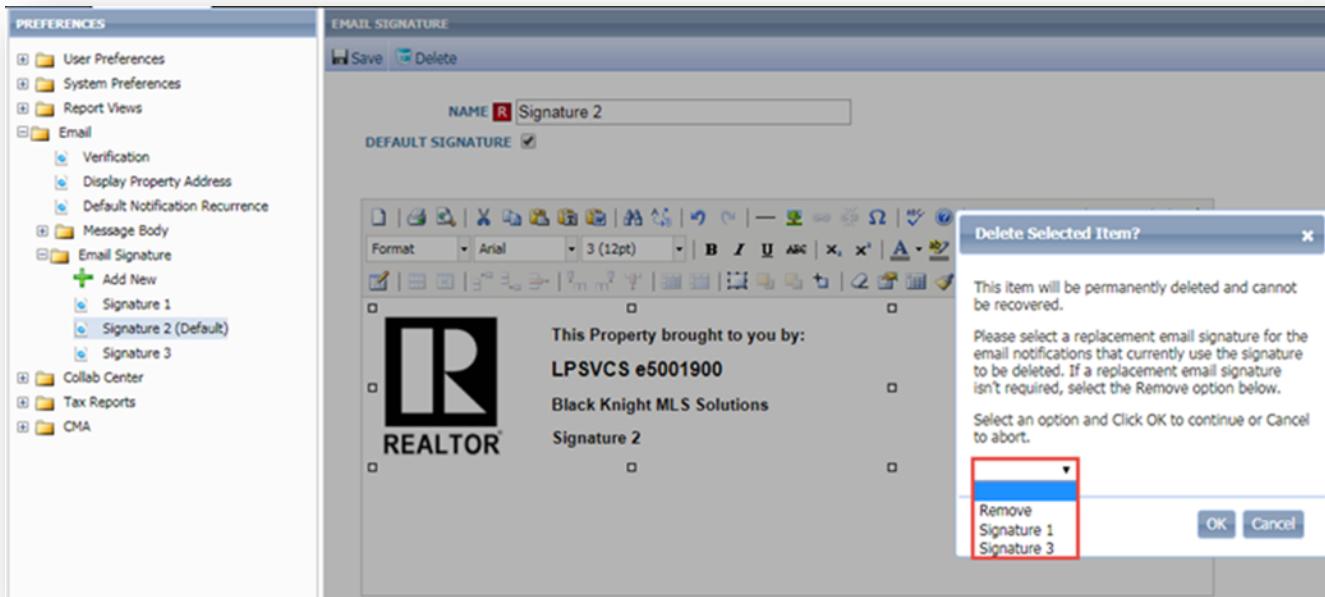
This change only affects legacy email notifications. Collaboration Center notifications do not use manually designed email messages.

Figure A: Single Signature



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Figure B: Multiple Signatures



Email and Print Update for Estimated Pages

Per customer suggestion we've modified the Estimated Pages column heading to make it more descriptive. Therefore, the column header label was changed from 'Pages' to 'Est. Pages'.

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E-Mail Reports

E-Mail Type

SELECT EMAIL TYPE

- Hyperlink
- Attachment (PDF)
- Insert Into Body (Spreadsheet)

Spreadsheets, CMA and Hotsheet Reports can only be sent as PDF Attachments.

If other e-mailable reports are being sent with these views, all reports will be sent as the selected Attachment type.

SELECT LISTING(S)

- All Listings (6)
- Current Listing (#98647938)

SELECT REPORTS

Views: All

Available Reports

- All Fields Detail
- Agent Detail w/map
- Agent Report
- Appraiser View
- Build Your Own 2
- Build Your Own 3
- Build Your Own 4
- Client Custom View
- Custom Brochure 1
- Custom Brochure 2
- Customer Handout
- Detalle de Cliente

Selected Reports

	Selected Reports	Orientation	Est. Pages
<input checked="" type="checkbox"/>	MLS Client Detail	Portrait	1

Actions:

- ADD** 
- REMOVE** 
- REMOVE ALL** 
- MOVE UP** 
- MOVE DOWN** 

NEW
When viewing this email from a mobile device the user will be taken to a mobile friendly view.
[smart phones | tablets](#)

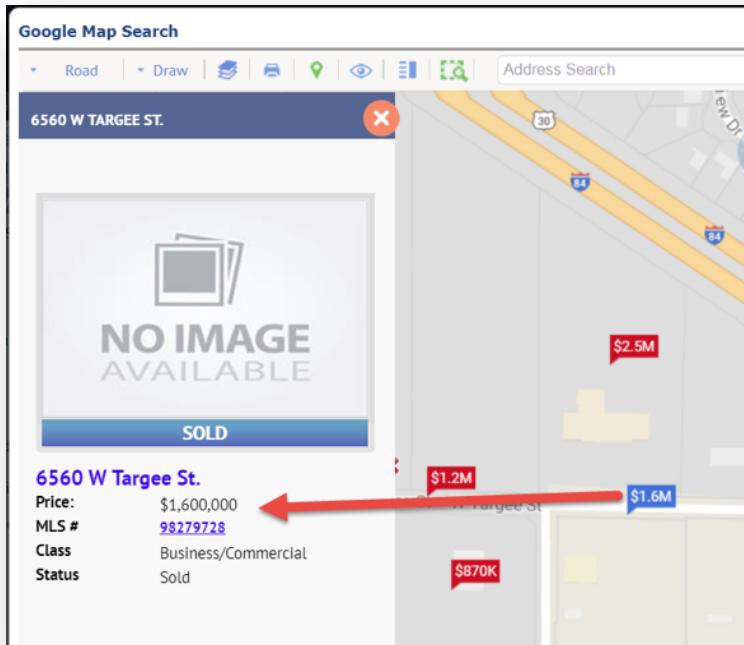
Total Estimated Pages: 1

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Rounding Listing Prices Over \$1,000,000

Although infrequent, when a listing price is over \$1,000,000, the listing marker on Map Searches would usually round the price too high or too low. This has been corrected so that the rounding displays one decimal place.

Previously, the below example would have rounded to \$2M.



Precursor for Automatically Displaying Results on Map Search

In preparation for automatically displaying results when accessing the map search (i.e., Map Boundary) in the next Paragon release, a few performance improvements have been made thus making results return faster:

- Results reflect lowest to highest system price, previously it displayed highest to lowest price.
- Listing data doesn't load until the user clicks on a cluster or listing price marker.
- The number of columns returned in the results has been limited to a small few key fields instead of returning several fields.

Another major improvement is that results will now return 2,500 or more listings instead of 500. Because of the performance improvements listed above, the results return quickly.

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Listing Activity Data Retained for 120 Days

The Listing Activity displayed on the Listing Activity Report in Paragon Listing Maintenance and in the Sell Side of Collaboration Center has been refactored to retain this pertinent information for the previous 120 Days. This change promotes data accuracy and optimizes system performance.

View Activity Report

ACTIVITY REPORT - MLS#40733349 - 2600 WALNUT AVE.

[Print](#) [Report Definitions](#)

	MLS # Address Unit	40733349 2600 Walnut Ave.	List Price Status Class Building	\$5,000,000 Active RESIDENTIAL
	City State Zip	BRENTWOOD CA 94513	Type Area	Detached Brentwood

Listing Statistics to Date - Previous 120 Days

Matched Saved Searches	72	Total Hits	1085
Matched Contacts	77	Agent Hits	982
Property Details Viewed	2291	Unique Agent Hits	982
Views from Email	99	Client Hits	103
Favorite/Possible/Cart	7	Unique Client Hits	45
Emailed from System	174		

\$6,999,000 Active-ACTV Detached Amanda Thompson 30 Select an Action...

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MLS Customizations and Administration

All options in this section are either configurable via MLS Administration controls or by your System Support Manager as noted.

Enhanced Admin Report on Usage of Listing Reports

Based upon suggested changes, new functionality has been added to the Report Activity Chart. Two new columns have been added; the Report Owner indicates the entity classification and the Report ID indicates the ID of each report.

The Report Owner column indicates the entity classification of the report. The classifications are:

1. MLS – The report is an MLS level report
2. Board – The report is a board level report
3. Firm – The report is a firm level report
4. Office – The report is an office level report
5. Agent – The report is an agent level report

The Report Owner is new data that is being tracked so this column will begin to show data over time as the information is collected. The Report ID column indicates the ID of each report included in the Report Activity Chart. This will alleviate concerns about reporting data for multiple reports with exact or similar names.

A	B	C	D	E	F	
1	Report Owner	Report Name	Report ID	Report Category	Application	Number of Views
2	MLS	Agent Detail w/map	691	Agent	Paragon	1
3	MLS	All Fields Customizable	19	Agent	Paragon	1
4	MLS	All Fields Detail	22	Agent	Paragon	2
5	MLS	MLS Client Detail	104	Client	Publink	1
6	MLS	MLS Full Detail	100	Agent	Paragon	2
7		Agent Detail w/map	691	Agent	Paragon	42
8		Agent Detail w/map	691	Client	Publink	20
9		Agent Detail w/Me	1997	Agent	Paragon	8
10		Agent Report	7	Agent	Paragon	174
11		Agent Report	7	Client	Publink	7
12		All Fields CustoM 4	181	Agent	Paragon	2
13		All Fields CustoM 4	181	Client	Publink	3
14		All Fields Customizable	19	Agent	Paragon	74
15		All Fields Customizable	19	Client	Publink	18
16		All Fields Customizable 10	187	Agent	Paragon	2
17		All Fields Customizable 10	187	Client	Publink	1
18		All Fields Customizable 7 QA	184	Client	Publink	14
19		All Fields Detail	22	Agent	Paragon	145
20		All Fields Detail	22	Client	Publink	43
21		Appraiser View	1824	Agent	Paragon	6
22		Build Your Own 2	182	Agent	Paragon	7
23		Client Custom View	1633	Agent	Paragon	8
24		Client Handout	119	Agent	Paragon	8
25		Custom Brochure 1	4	Agent	Paragon	11
26		Custom Brochure 2	5	Agent	Paragon	3
27		Custom Detail 2	20	Agent	Paragon	3
28		Customer Handout	8	Agent	Paragon	11
29		Customer Handout	8	Client	Publink	5
30		Detalle de Cliente	250	Agent	Paragon	7
31		Flyer1 w/map 5pics	551	Agent	Paragon	2
32		Flyer2 5 pics	985	Agent	Paragon	1
33		Full Feature Brochur	3	Agent	Paragon	2
34		Full Reort Color	178	Agent	Paragon	1

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Minimum Photo Size for Listings

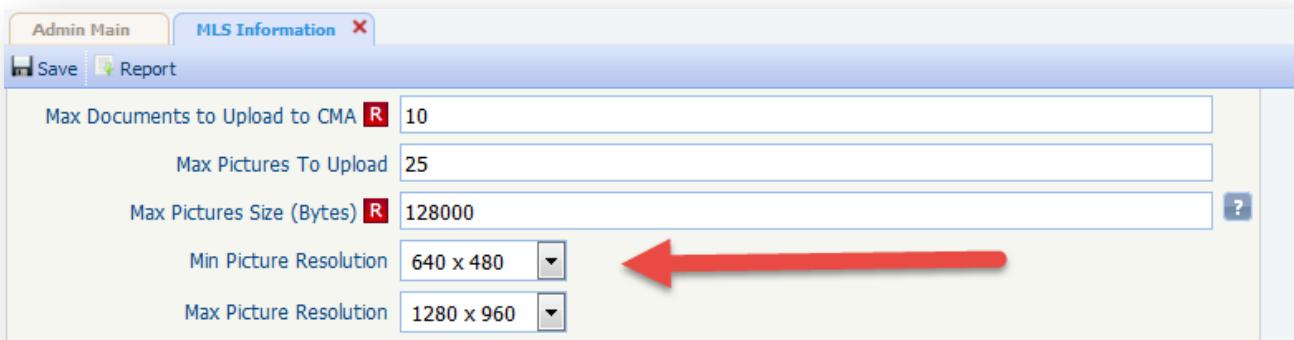
To ensure better quality photos are added to listings, a minimum photo requirement has been implemented to prevent uploading photos that are too small alleviating accidental upload of thumbnail sized photos instead of the full photo of the listing. If a photo is too small, the user will receive an error while attempting to upload it.

Figure A: Paragon's Admin\MLS Information menu



Figure B: Modify Photo Size

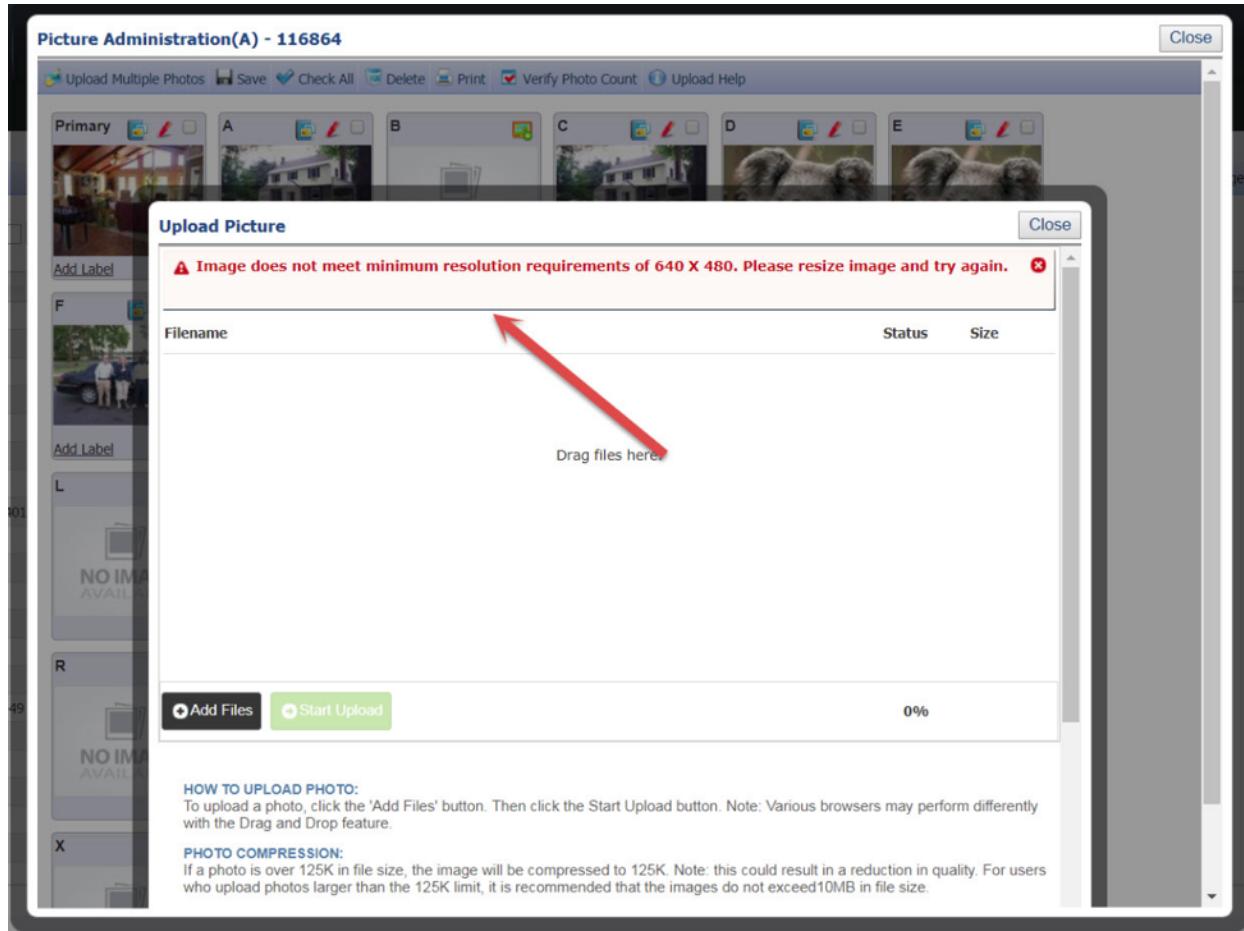
Select the Min Picture Resolution and select Save.



Setting	Value
Max Documents to Upload to CMA	10
Max Pictures To Upload	25
Max Pictures Size (Bytes)	128000
Min Picture Resolution	640 x 480
Max Picture Resolution	1280 x 960

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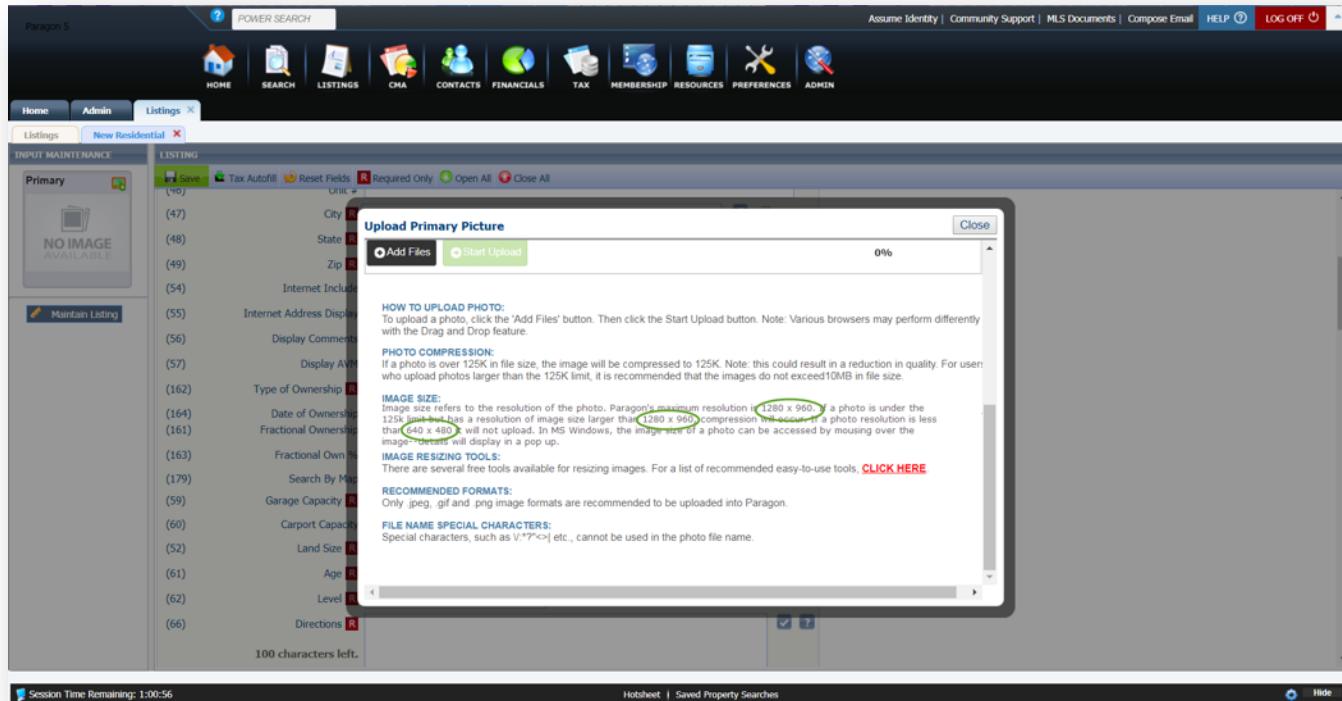
Figure C: Photo Upload Error (photo too small or big)



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Figure D: Photo Requirements Updated

The photo requirements have been updated in the instructions in the Upload Primary Photo window under Image Size.



Additional Categories for Market Monitor

This enhancement provides the MLS with the option to add 'Back on Market' and/or Rented/Leased as stand-alone categories in the Market Monitor's Market, Office, and Firm sections.

Currently, Back on Market listings are only included in the Hot List of the Market Monitor and Rented/Leased are not currently available. This modification provides the MLS with the option of adding Back on Market and/or Rented/Leased as separate categories, via the Market Monitor Filter. The Rented/Lease category will display in Market Monitor using the MLS's Status Category Description for Category 6. The MLS can also turn on a configuration that will allow agents to have access to modify the categories on their Market Monitor from Preferences\System\Market Monitor.

PLEASE NOTE: Back on Market and Rented/Leased will be excluded from the Market Monitor by default.

MLS' who permit agents to modify their Market Monitor categories from Preferences may want to notify their agents of this new option. Because user preference settings override MLS defaults, changes to the MLS default categories will not apply to those agents who have already modified their Market Monitor. This also applies if an MLS once permitted agents to modify MM categories, and have since disabled that permission; any new MLS defaults will not be applied to those agents who previously modified their MM at the time when it was permitted.

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Figure A: Market Monitor Filter

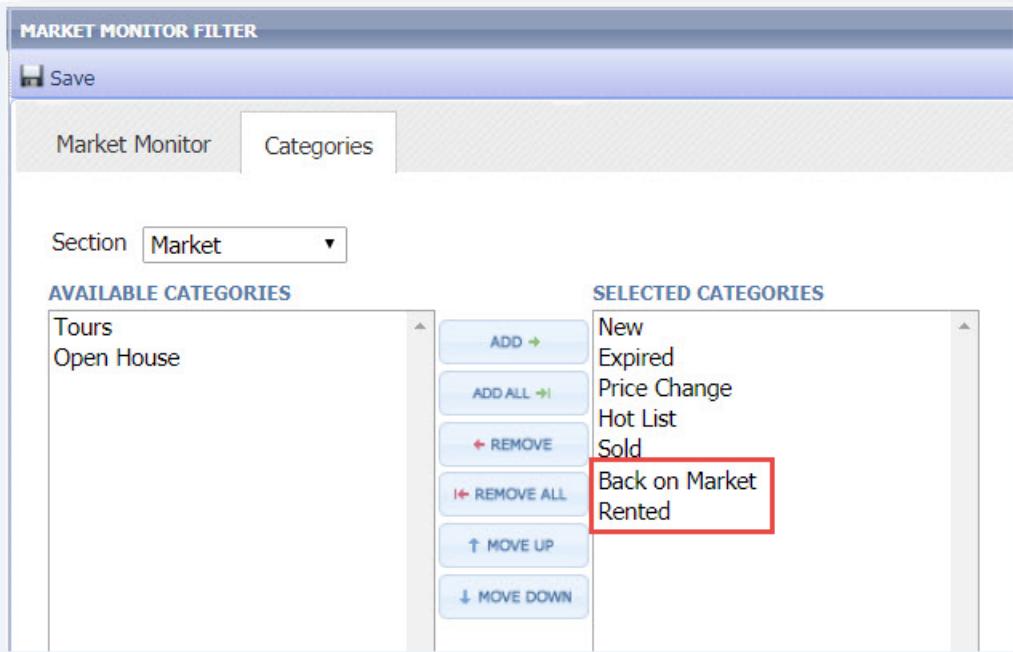


Figure B: Market Monitor



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Figure C: Status Category



Cat ID	Description	Display Order
1	Active	1
2	Sold	2
3	pending test1	3
4	Expired	4
5	Withdrawn	5
6	Rented	6
9	Subject Property	9
10	Partial Listing	10
11	MLS Defined Template	11

Force Manual Geocode Required for Listing Input

Some customers would like to make users manually place the pin on listings (manual geocoding) in Listing Input Maintenance. The current Admin\Mapping menu's 'Input Maint Required' field has been changed from a checkbox to a drop down field. The 'Force Manual Geocoding' option has been added and when selected will force all users to manually geocode listings whenever a new listing address is entered or an existing listing address is modified.

The 'Validate Exact Match – Error' and 'Validate Exact Match – Warning' are themes on how it worked prior to this enhancement which also applied to new or modified listing addresses. When 'Validate Exact Match – Error' is selected, if the geocoding on the listing address is less than an *exact match*, an error appears in the listing grid at the bottom of the screen forcing the user to manually move the PIN thus geocoding the property's location (formerly when the 'Input Maint Required' checkbox was checked). *One difference from how this previously worked is that the user actually has to move the PIN or modify the latitude and/or longitude values in order to save the listing. Previously, the user could open the Change Geocode window, close it, and save the listing without actually moving the PIN or updating the geocode values.*

When 'Validate Exact Match – Warning' is selected, if the geocoding on the listing address is less than an *exact match*, a warning appears in the listing grid at the bottom of the screen which the user can accept and bypass the warning without manually correcting the geocodes (formerly when the 'Input Maint Required' was not checked).

PLEASE NOTE: Upon going to Production with this enhancement, this field will be defaulted to whichever option is equivalent to what the MLS currently has set for this field.

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Figure A: Admin\Mapping Setting

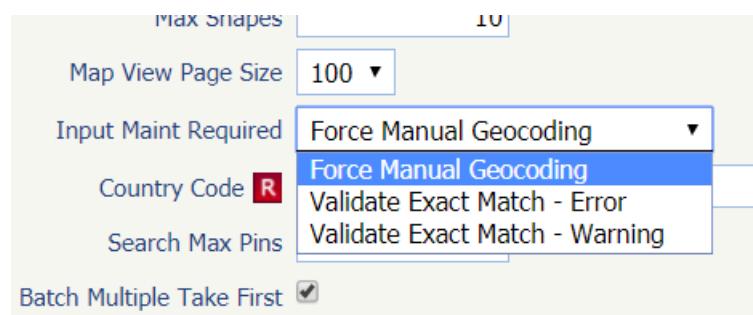


Figure B: Force Geocode Error Message

MLS#116864 - 111 N

Save Listing Tax Autofill Reset Fields Required Only Open All Close All

General

(153)	Agent R	Summer Aston
(154)	Listing Office 1 R	Silvercreek Realty Group
(156)	Listing Agent 2	
	Listing Agent 3	
(41)	MLS # R	116864
(42)	Class R	Residential
(52)	Status R	ACT - Active
(44)	Type R P	SFACR - Single Family w/ Acreage
(46)	Price R	130 , 825
(66)	County R	Latah
(45)	Area R P	2075 - Latah County - 2075
(65)	Subdivision R	0 Not Appl - 0 Not Applicable
(47)	Address R	111 N Piedmont Street

Attention: Resolve the following Errors/Warnings to Save this Listing. Double Click on the row to navigate to the field. (F8 for next row)

	Severity	Error / Warning Description(s)	RuleID
1	Modify	Error Mapping: You must manually geocode your listing by placing a pin on your listing's address location.	

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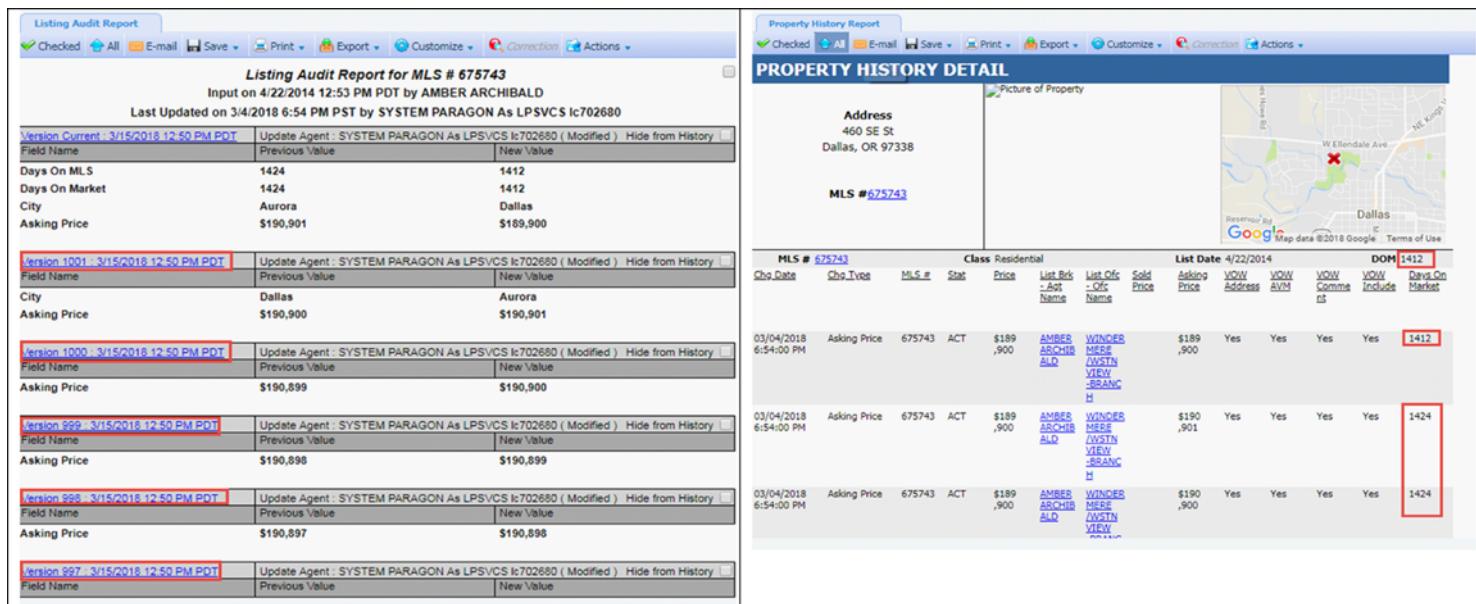
Updates to Listing Audit and Property History Reports

There are listings with a large number of audit records. The large number of audit records is generally associated with long customer conversion cycles or parallel processes. When a listing has more than 999 audit records the Listing Audit and Property History reports do not report the history of a listing correctly. Additionally the Days on Market (DOM) value displayed on the Property History report was calculated incorrectly if a listing had more than 999 audit records.

The Listing Audit Report has been modified to display all audit records in descending order starting with the most current record.

NOTE: The report will take some time to render if there are a large number of audit records.

The Property History Report has been modified to display the current DOM value in the report header. The DOM for each record is calculated based upon the listing values on the record date.



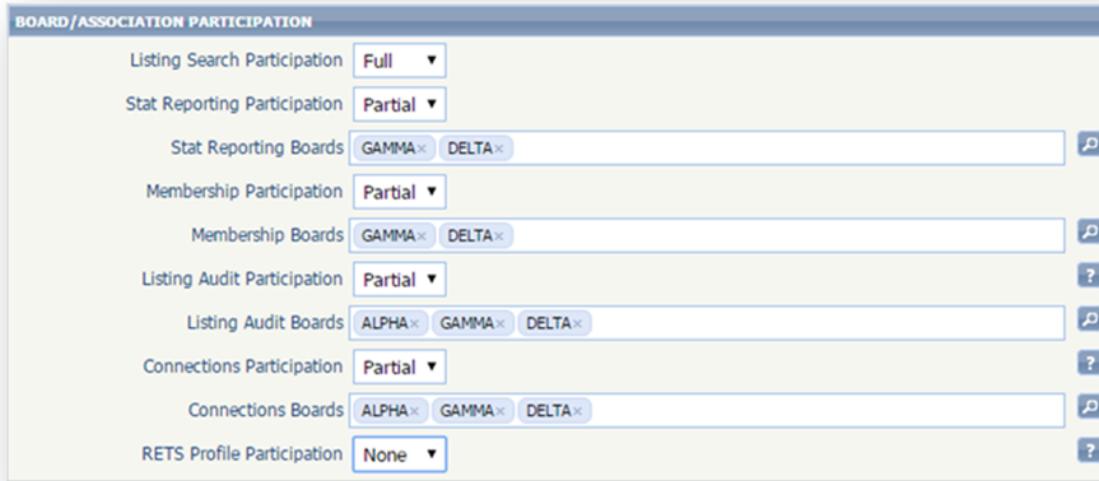
The screenshot shows two reports side-by-side. On the left is the 'Listing Audit Report' for MLS # 675743, which displays a table of audit records. The table has columns for 'Version', 'Field Name', 'Previous Value', and 'New Value'. The 'New Value' column shows a sequence of changes over time, with the most recent change being '1424' and the previous being '1412'. On the right is the 'Property History Report' for the same listing, showing a map of Dallas, OR, and a table of listing history. The table has columns for 'MLS #', 'Chg Date', 'Chg Type', 'MLS #', 'Stat', 'Price', 'List Brk', 'List Ofc', 'Sold Price', 'Asking Price', 'VOW Address', 'VOW AVM', 'VOW Comm', 'VOW Include', and 'DOM'. The 'DOM' column shows the value '1412' for the most recent entry, which corresponds to the 'New Value' in the audit report. The table also shows previous entries with DOM values of 1424 and 1424, which are likely artifacts from the previous version of the report.

Power Search Now Adheres to Board Rules

Customers using Association Autonomy have requested changes to Power Search so that it respects the listing and membership participation settings of member boards. Legacy and advanced Power Search have been modified to adhere to Association Autonomy listing and membership participation settings.

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Figure A: Sample Association Autonomy Settings



BOARD/ASSOCIATION PARTICIPATION

Listing Search Participation: Full

Stat Reporting Participation: Partial

Stat Reporting Boards: GAMMA x, DELTA x

Membership Participation: Partial

Membership Boards: GAMMA x, DELTA x

Listing Audit Participation: Partial

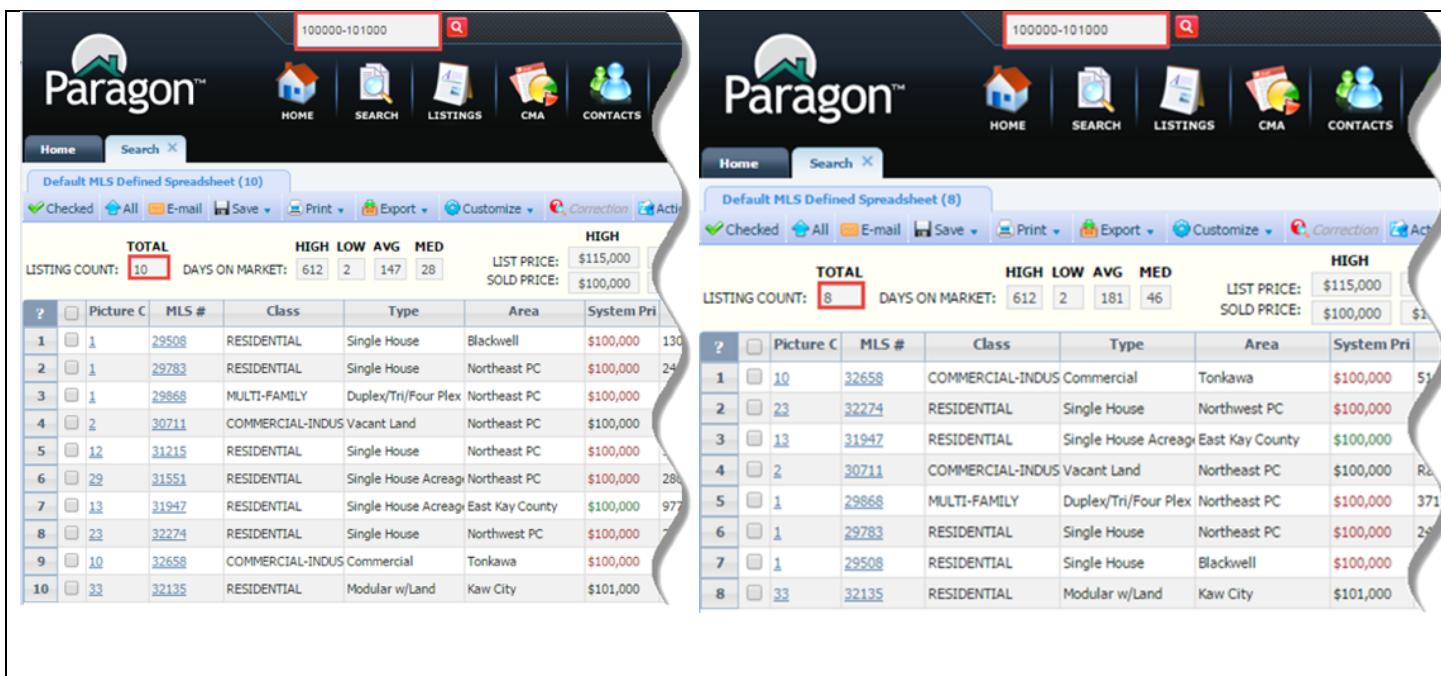
Listing Audit Boards: ALPHA x, GAMMA x, DELTA x

Connections Participation: Partial

Connections Boards: ALPHA x, GAMMA x, DELTA x

RETS Profile Participation: None

Figure B: Legacy Power Search Results based upon Listing Participation Settings

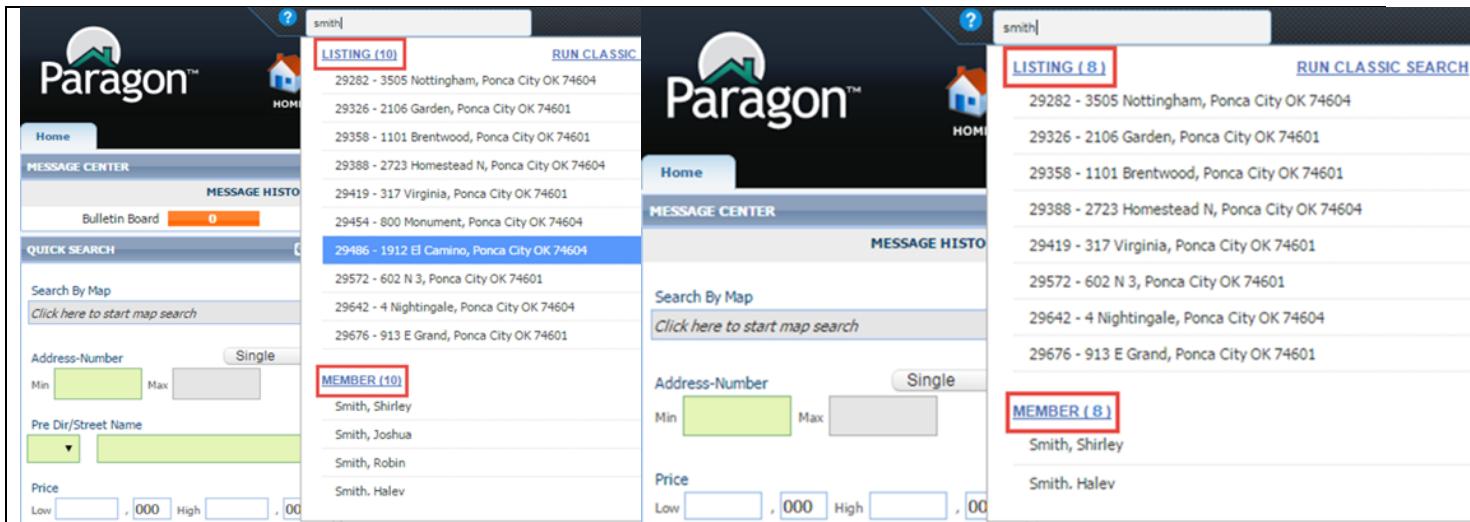


Default MLS Defined Spreadsheet (10)		Default MLS Defined Spreadsheet (8)				
TOTAL		HIGH LOW AVG MED				
LISTING COUNT: 10		DAYS ON MARKET: 612 2 147 28				
		LIST PRICE: \$115,000 SOLD PRICE: \$100,000				
		HIGH				
?	Picture	MLS #	Class	Type	Area	System Pri
1	1	29508	RESIDENTIAL	Single House	Blackwell	\$100,000 130
2	1	29783	RESIDENTIAL	Single House	Northeast PC	\$100,000 24
3	1	29868	MULTI-FAMILY	Duplex/Tri/Four Plex	Northeast PC	\$100,000
4	2	30711	COMMERCIAL-INDUS	Vacant Land	Northeast PC	\$100,000
5	12	31215	RESIDENTIAL	Single House	Northeast PC	\$100,000
6	29	31551	RESIDENTIAL	Single House Acreage	Northeast PC	\$100,000 28
7	13	31947	RESIDENTIAL	Single House Acreage	East Kay County	\$100,000 977
8	23	32274	RESIDENTIAL	Single House	Northwest PC	\$100,000
9	10	32658	COMMERCIAL-INDUS	Commercial	Tonkawa	\$100,000
10	33	32135	RESIDENTIAL	Modular w/Land	Kaw City	\$101,000

Default MLS Defined Spreadsheet (8)						
TOTAL						
LISTING COUNT: 8						
DAYS ON MARKET: 612 2 181 46						
LIST PRICE: \$115,000 SOLD PRICE: \$100,000						
HIGH						
?	Picture	MLS #	Class	Type	Area	System Pri
1	10	32658	COMMERCIAL-INDUS	Commercial	Tonkawa	\$100,000 51
2	23	32274	RESIDENTIAL	Single House	Northwest PC	\$100,000
3	13	31947	RESIDENTIAL	Single House Acreage	East Kay County	\$100,000
4	2	30711	COMMERCIAL-INDUS	Vacant Land	Northeast PC	\$100,000 28
5	1	29868	MULTI-FAMILY	Duplex/Tri/Four Plex	Northeast PC	\$100,000 371
6	1	29783	RESIDENTIAL	Single House	Northeast PC	\$100,000 24
7	1	29508	RESIDENTIAL	Single House	Blackwell	\$100,000
8	33	32135	RESIDENTIAL	Modular w/Land	Kaw City	\$101,000

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Figure C: Advanced Power Search Results based upon Listing Participation Settings



The screenshot displays two side-by-side search results for the query 'smith'. Both results show a list of 10 listings and 8 members, with the first result being 'LISTING (10)' and the second being 'LISTING (8)'. The results are identical in content, showing the same 10 listings and 8 members.

LISTING (10) Results:

- 29282 - 3505 Nottingham, Ponca City OK 74604
- 29326 - 2106 Garden, Ponca City OK 74601
- 29358 - 1101 Brentwood, Ponca City OK 74601
- 29388 - 2723 Homestead N, Ponca City OK 74604
- 29419 - 317 Virginia, Ponca City OK 74601
- 29454 - 800 Monument, Ponca City OK 74604
- 29486 - 1912 El Camino, Ponca City OK 74604** (highlighted in blue)
- 29572 - 602 N 3, Ponca City OK 74601
- 29642 - 4 Nightingale, Ponca City OK 74604
- 29676 - 913 E Grand, Ponca City OK 74601

MEMBER (10) Results:

- Smith, Shirley
- Smith, Joshua
- Smith, Robin
- Smith, Halev
- Smith, Halev
- Smith, Shirley
- Smith, Halev
- Smith, Halev
- Smith, Halev

LISTING (8) Results:

- 29282 - 3505 Nottingham, Ponca City OK 74604
- 29326 - 2106 Garden, Ponca City OK 74601
- 29358 - 1101 Brentwood, Ponca City OK 74601
- 29388 - 2723 Homestead N, Ponca City OK 74604
- 29419 - 317 Virginia, Ponca City OK 74601
- 29572 - 602 N 3, Ponca City OK 74601
- 29642 - 4 Nightingale, Ponca City OK 74604
- 29676 - 913 E Grand, Ponca City OK 74601

MEMBER (8) Results:

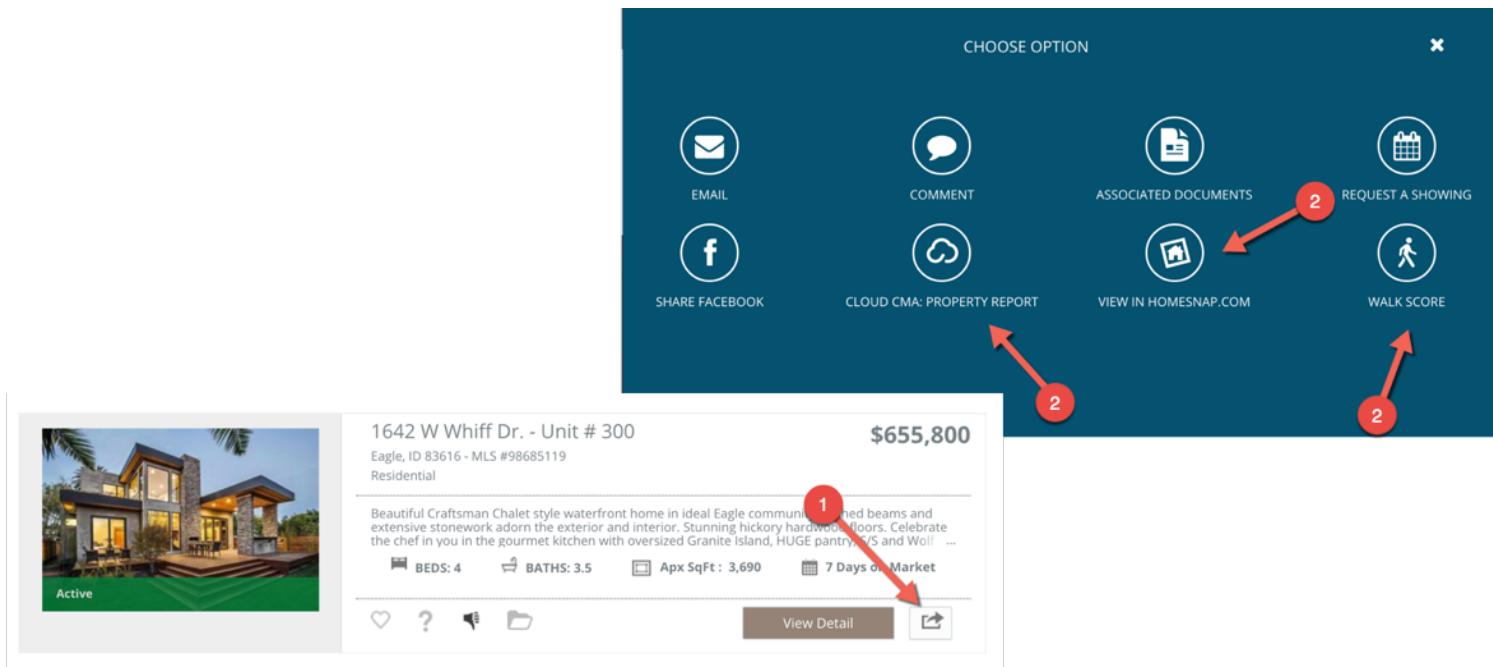
- Smith, Shirley
- Smith, Halev
- Smith, Halev
- Smith, Halev
- Smith, Shirley
- Smith, Halev
- Smith, Halev
- Smith, Halev

Collab Center: Third Party Integrations

Do you have a third-party integration that you wish you could expose to Consumers in the Collaboration Center? Now you can! In 5.64, MLS organizations can now enable any third-party integration available to them in Paragon. All you have to do is contact your SSM and they will work with you to setup that integration point inside of Collaboration Center.

Let's take a peek at how this integration works. Once an integration is setup, the consumer will be able to access these third-party integrations from any report available in the Collaboration Center site. Simply click on the share icon found on any report in the system and a new menu modal will open. This modal will contain all your share actions and any third-party integrations you have setup. We even have the ability to hide third party integrations in the situation where the third-party solution doesn't work well on a smart phone.

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The screenshot illustrates a house listing for 1642 W Whiff Dr. - Unit # 300, Eagle, ID 83616 - MLS #98685119. The listing includes a photo of a modern waterfront home, the price \$655,800, and details like 4 beds, 3.5 baths, 3,690 sq ft, and 7 days on market. Below the listing are icons for heart, question, thumbs down, and a folder, followed by 'View Detail' and a share icon. A red arrow labeled '1' points to the share icon. A red box labeled '2' points to the 'REQUEST A SHOWING' button in a 'CHOOSE OPTION' overlay. Another red box labeled '2' also points to the 'VIEW IN HOMESNAP.COM' button in the same overlay. The overlay also includes icons for Email, Comment, Associated Documents, Share Facebook, Cloud CMA: Property Report, and Walk Score.