## The Future of Valuation Floorplans and Rich Property Data

April 2022 - RESO

Jeff Allen President, CubiCasa

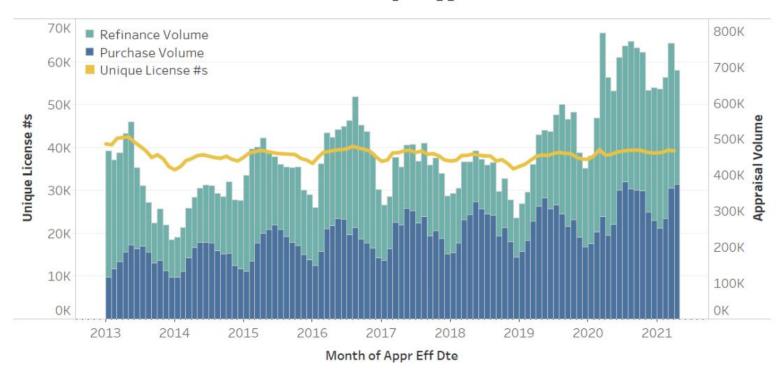




## **Appraisal Industry Update**



### **Deteriorating Appraiser Capacity - Delays and Escalating Costs**



**UCDP Volume and Unique Appraiser Licenses** 

+ 50% Growth in number of appraisals needed since 2013, with no change in the number of active appraisers\*

+ 24%

Increase in Average Cost of an Appraisal since 2016. Now up to \$800.



Increase in Average Turntime of an Appraisal since 2018.

Unique appraiser license numbers in UCDP, per month. Appraisal and license volume for all form types (not limited to 1004/70).

#### \*Source: Freddie Mac



## **The New Desktop Appraisal Option**



## The New Desktop Appraisal

### The Biggest Appraisal Industry News in Years

In response to industry negativity around appraisal experiences, on Jan 19th, <u>Fannie Mae and Freddie Mac announced</u> that a **Desktop Appraisal** can be used instead of a full traditional appraisal on eligible Purchase Loans.



So long as the appraiser can access:

- → A recent MLS Listing with required exterior and interior property photos
- → An accurate floorplan with interior walls, and detailed calculations showing how Gross Living Area (GLA) was calculated.

This new product went into effect for lenders at the end of March.











Average appraisal turntime: 2–3 weeks





Average appraisal turntime: 2–3 weeks



### **Minimum Required Photos for the Desktop**

### **Exterior Photos**

Clear, descriptive color photographs showing the front, back, and a street scene of the subject property.

At a minimum, the report must include photographs of the following:

• the kitchen;

### **Interior Photos**

- all bathrooms;
- main living area;
- examples of physical deterioration, if present; and
- examples of recent updates, such as restoration, remodeling, and renovation, if present.



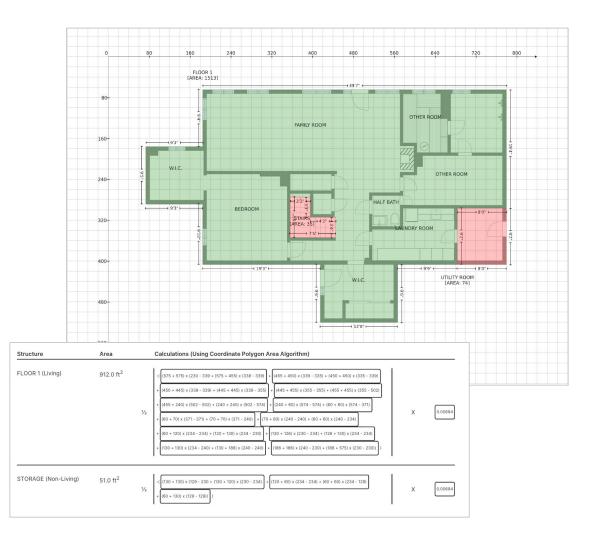
### **Floorplan Requirements for the Desktop**

"A footprint sketch or floor plan must be software-generated (not hand drawn) and indicate dimensions and calculations that demonstrate how the estimate for gross living area was derived. The sketch must include the subject's exterior footprint with dimensions.

All levels of the dwelling unit(s) must be part of the exhibit.

In addition, a separate footprint sketch including dimensions must be provided for each additional structure with room labels, when applicable.

The floor plan must include the following: interior walls, doorways, staircases, exterior ingress/egress, labels for each room, and provide the dimensions of all exterior walls."





### **Strategic Implications of the Desktop Appraisal for MLSs**

### Major opportunity to enhance the relevancy of the MLS model - puts it at the

epicenter of the organized real estate market

# **Opportunity to collect rich, automated and standardized property data** up front in the listing process



### What is CubiCasa?

CubiCasa technology allows anybody with a smartphone to perform a **5-minute** property scan, and receive back a accurate floorplan and robust property data

Training or special equipment not required

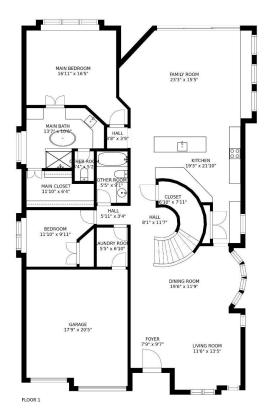
Advanced proprietary computer vision technology developed in Finland

Our tech helps power the FBS FloPlan product, and is also available for direct integration with other customers





### What are the Outputs of each CubiCasa Scan?



MAIN REDROOM 240-KITCHEN DINING ROOM 640 800 880

Black and White Marketing Floorplan

GLA Floorplan w/ Required GSE Calculations

lighlights	ằ∰ 2 Living room	යි 3 Bedroom	
Appendix 1: Da	ata sheet		
Hall - 4	Kitchen - 1	LivingRoom - 2	
LivingRoom - Family - 1	Entry - 1	Entry - Foyer - 1	
Dining - 1	Garage - 1	Bedroom - 3	
Bath - 4	Bath - Toilet - 1	Utility - 1	
Utility - Laundry - 1	MediaRoom - 2	MediaRoom - Game - 1	
OpenToBelow - 1			

Property Data 📼





## Class Valuation & DataMaster RESO 2022 Inspiring Confidence in Valuation

Class Valuation<sup>®</sup> 2022 | All Rights Reserved





### Fannie Mae

### About deskte appraisals

Leveraging the wealth of I the power of advanced an and the speed of technolo appraisers can perform de appraisals without physic inspecting the property.<sup>1</sup>

#### Desktop appraisal benefits

- Supports digital trans the mortgage origina
- Cost- and time-efficie benefits borrowers and
- 𝔄 May reduce confirmation
- Mitigates appraiser ca constraints.
- Rigorous testing show risk performance con traditional appraisals
- Improves disaster/pa response time.

Appraiser conducts analysis and develops opinion of value.

- Use Form 1004 Desktop.
- No physical inspection of the subject property; data may be provided by various parties (buyer/seller agent, homeowner, builder, appraiser files, etc.) and through secondary data sources (public records, MLS, internet, etc.).
- Must include floor plan with interior walls.

- If the appraiser does not have sufficient information to complete a credible appraisal, they must refuse the assignment.
- Data provided by parties with a financial interest in the sale or financing of the subject property must be verified by a disinterested source.
- The appraiser must have sufficient information to develop a credible report.

### Desktop Appraisal Fact Sheet – 01/19/2022





#### Freddie Mac Single-Family

#### **Desktop apprai**

#### Effective for new L resubmissions on (

Based on the succe and a market appei appropriate inspections, Freddie Mac is intro purchase transaction Mortgage desktop appraisal can help addi

reduce appraisal turn-times. Its use also has the reduce Borrower costs.

It is unacce

adequate ar

When analyzing co

GLA. The same wi

appraiser must an available, then the

Q9. May an appraiser make assumptions regarding the characteristics of the property - such as condition, quality, room count, amenities, finished basement, etc. without a data source?

Q10. When completing a desktop appraisal, should the appraiser use the GLA reported by public records if the building sketch provided by a third-party reflects a significantly different GLA?

Yes. Freddie Mac allows an appraisal to be completed "as is" for an existing property when there are minor repairs or deficiencies, or deferred maintenance. The appraiser must make appropriate and supported adjustments for these conditions in the appraisal report, when necessary. However, it is up to the appraiser to determine whether additional information, that may include the appraiser's personal inspection of the subject property, is necessary to assess the impact of the conditions.

### Desktop Appraisal Fact Sheet – 02/02/2022





### Traditional Appraisal vs Digital (i.e. Desktop)

First Pass Revisions (from us back to the appraiser)



Second Pass Revisions (from the lender back to us)



## Appraisal turn time improvements

Region	State	County	Avg. Order to Delivery (Innovation)	Avg. Order to Delivery (traditional)	Delta (Days)	Delta (%)
West	CA	KINGS	2.39	14.01	11.62	82.9%
West	CA	SOLANO	2.09	8.42	6.34	75.2%
Southwest	ТХ	BELL	4.32	16.65	12.33	74.0%
West	CA	MERCED	2.17	7.96	5.79	72.7%
Southeast	GA	COWETA	3.71	12.51	8.80	70.4%
Southeast	GA	BIBB	4.69	15.12	10.42	69.0%
Southeast	FL	MANATEE	3.94	11.21	7.27	64.9%
Southwest	ТХ	WILLIAMSON	6.32	12.60	6.28	49.8%
Southeast	GA	CHEROKEE	3.68	7.27	3.59	49.4%
South	AL	MADISON	6.05	11.81	5.76	48.8%
West	CA	KERN	4.81	9.37	4.56	48.7%
Southwest	ТХ	TRAVIS	6.17	11.84	5.66	47.8%
Southeast	FL	SARASOTA	6.13	11.73	5.59	47.7%
Northwest	UT	SALT LAKE	4.12	7.67	3.55	46.3%
Southeast	FL	ESCAMBIA	5.30	9.80	4.49	45.9%
Southeast	FL	PINELLAS	5.10	9.14	4.04	44.2%
South	AL	JEFFERSON	5.96	9.16	3.19	34.9%
West	CA	STANISLAUS	4.87	7.43	2.56	34.4%
Southeast	FL	NASSAU	6.21	9.40	3.19	33.9%
Southwest	ТХ	GALVESTON	6.26	9.48	3.22	33.9%
Northeast	PA	BEAVER	4.37	6.58	2.21	33.6%



### CLASS VALUATION

### **Property Fingerprint**

- Class Valuation's proprietary technology stitches together high-quality 360° images from the property scan to create a <u>virtual tour</u> that works for marketing as well as a full <u>virtual inspection</u> for the appraiser.
- Nationwide Pro Scanner network is a dedicated team trained for consistent data capture that is background checked and customer service oriented.









### **Deliverables of each Class Valuation Scan**

Property Fingerprint Report



Marketing Floorplan



**Appraisal Floorplan** 

 Beport Date: March 3, 2022
 © Location: 33\*11'15 936'N
 96\*5338.04'W

 Poperty Features and Characteristic
 Below Grade Total/Finished (SF): 2,566
 Below Grade Total/Finished (SF): 0

 Rooms: 9
 Bedrooms: 3
 Bathrooms: 2.5
 Rooms: 0
 Bethor

 Lot Size (SF): 7,500
 Garage Spaces: 2
 Heating: Central
 Cooling: Central

 Appliances: Cooktop Gas, Dishwasher, Disposer, Dryer, Microwave, Refrigerator
 Features: Deck (Covered), Porch (Enclosed), Porch (Open), Inground Pool

123 Beach Dr, Little Neck, GA 00000

#### Property Fingerprint Report

Rich Property Dataset Available via API



Class Valuation<sup>®</sup> 2022 | All Rights Reserved





### Mitch Dorius | Vice President <u>mitch.dorius@datamasterusa.com</u> 801.660.9220

Class Valuation<sup>®</sup> 2022 | All Rights Reserved