

# REPORT WRITER ENGINE 46.02.3 RELEASE NOTES

The following feature enhancements and bug fixes have been applied as a part of the Narrative1/Report Writer Engine version 46.02.3 release.

## NEW FEATURES AND ENHANCEMENTS

### Excel

#### File Info

We've added a table to the File Info page to illustrate who provided significant assistance in the appraisal process.

Navigate

#### Property Inspection and Report Compilation Assistance

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Best Practice: Include who provided significant assistance in data gathering (inspection), analysis, and conclusion. Note that some Lenders will require the main appraiser that signs the report to also inspect the property.

Property Inspection and Report Compilation Assistance					
	Role	Name	Inspected	Extent	Date of Inspection
Choose ->	Appraiser	James R. President, MAI	has	Interior/Exterior	10/1/2021
Choose ->	Reviewer	Janet K. Valuer3, MAI	has not	N/A	N/A

N1PropertyInspectionTable ▲  
Choose

### Excel

#### File Info

We've added a signature block table that automatically formats based on the appraisers assigned. You can override the signature blocks to customize to your liking.

Navigate

#### Signature Block

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Toggle Display

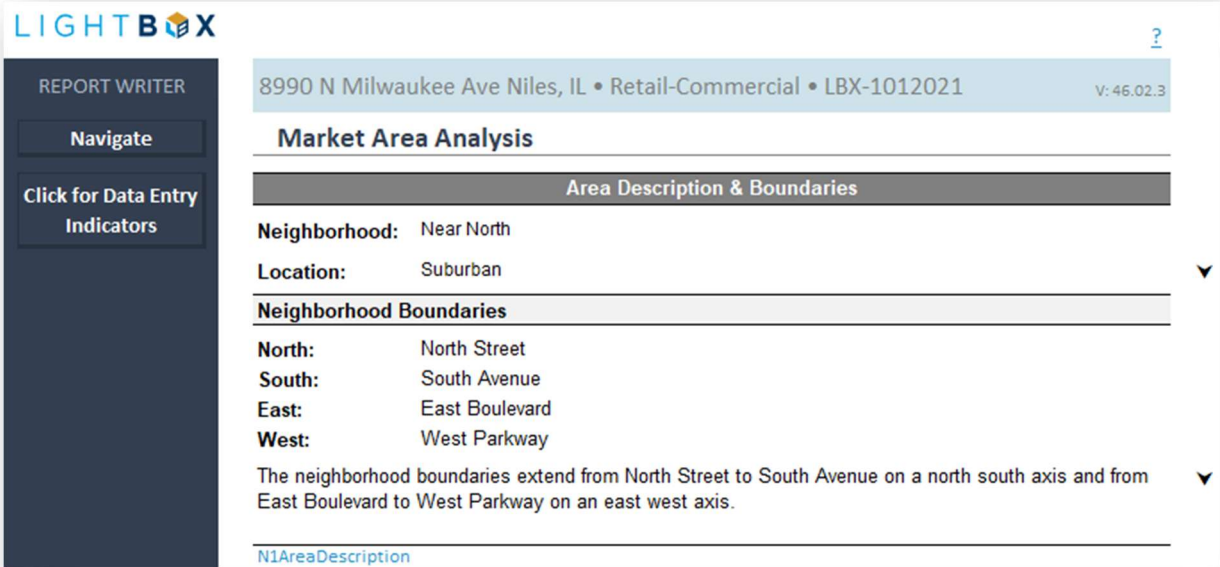
	Appraiser 1	Appraiser 2
Show	James R. President, MAI	Janet K. Valuer3, MAI
Show	President	Appraiser
Show	Certified General	Certified General
Show	CA - LBX-1234	CA - LBX-1236
Show	Expires 6/30/2021	Expires 6/30/2021

N1AppraiserSignatureBlock1

Excel

**Market Area**

We've added an area to delineate Neighborhood Boundaries in the Area Description table in Market Area.



Excel

Assessment

We've added a chart to illustrate changes in tax history trends.

**Navigate**

### Tax History Analysis

Enter Tax History

Year	Land Assessment	Imprv Assessment	Assessment	% Improved	Taxes	%
2019	\$90,938.00	\$61,720.00	\$152,658	40.4%	\$2,786	
2020	\$90,938.00	\$134,029.00	\$224,967	59.6%	\$6,891	147.3%
2021	\$90,938	\$134,029	\$224,967	59.6%	\$6,891	0.0%

Tax History						
Assessed Year	Land Assessment	Improvements Assessment	Total Assessment	% Improved	Taxes	% Change
2019	\$90,938	\$61,720	\$152,658	40.4%	\$2,786	
2020	\$90,938	\$134,029	\$224,967	59.6%	\$6,891	147.3%
2021	\$90,938	\$134,029	\$224,967	59.6%	\$6,891	0.0%

[N1TaxHistoryTable](#)

### Subject Tax History Trend

Year	Taxes
2019	\$2,786
2020	\$6,891
2021	\$6,891

Source: County of Richmond Assessor

[N1TaxHistoryChart](#)

Excel

Site

We've added two tables to assist in Highest and Best Use Analysis. These tables draw from the Site, Improvements and Zoning worksheets to inform the appraiser's decision regarding Highest and Best Use.

Navigate

**Highest and Best use Analysis**

Use checkboxes and additional comments to assist in HBU analysis

Highest and Best Use as Vacant	
Highest and Best Use as Vacant	Financial Building
Legally Permissible	<input checked="" type="checkbox"/> The subject is legal and conforming use.
Zoning Code, District	C-4, Commercial
Permitted Uses	Permitted Uses include, but are not limited to: Commercial & Retail, Automotive, Retail, Restaurant, Housing-Multiple Units, Office, Museum / Gallery, Amusement Facility
Zoning Change Likely?	A zoning change is unlikely.
<hr/>	
Physically Possible	<input checked="" type="checkbox"/> Yes <span style="float: right; font-size: x-small;">-&lt;-Choose, overwrite or leave blank</span>
Land Size	1.07 acres, 46,609 square feet
Shape	Irregular
Topography	Level
Utilities	The subject's utilities are typical and adequate for the market area.:
Access	Very Good
Visibility	Very Good
Functional Utility	-<-Hand Enter
<hr/>	
Financially Feasible	<input checked="" type="checkbox"/>
Positive Net Income/Rate of Return?	Yes <span style="float: right; font-size: x-small;">-&lt;-Choose</span>
Maximally Productive	<input checked="" type="checkbox"/>
Does the Use Return Maximum Value?	Yes <span style="float: right; font-size: x-small;">-&lt;-Choose</span>
The highest and best use of the site as vacant is ...	
<a href="#">N1HighestAndBestUseAsVacant</a>	

\*LightBox loves feedback! Let us know what you think of the new HBU Analysis – [valuationsupport@lightboxre.com](mailto:valuationsupport@lightboxre.com)

**Excel**

**Improvements**

We've added a button that will auto-create the capsule description in the Improvements worksheet. Users can use this as a base and add the nuances of the subject property's improvements.

	Create Capsule Description
Capsule Description	The subject property is a 1.07 acre site or 46,609 square foot parcel of land. The site is improved with 1 Free Standing Building building containing approximately 9,916 square feet, equating to a 21.3% site coverage ratio.

**Excel**

**Land Grid**

We've added automatic formatting in the Land Grid Ranking table based on the unit of comparison as acres or Land SF.

**Excel**

**Capitalization & Multipliers**

We've added an adjustment section in the Direct Cap table in Capitalization and Multipliers to manage items that are below NOI. This can include items like Lease-up discounts or Ground Rent.

Need more rows?	\$0	\$0	\$0.00
	<b>Total Expenses:</b>	<b>\$0</b>	<b>\$0.00</b>
	Expense Ratio (Expenses/EGI):	0.00%	
	<b>Net Operating Income (NOI):</b>	<b>\$0</b>	<b>\$0.00</b>
	Capitalization Rate:		< Hand Enter
	Value (NOI/Cap Rate):	\$0	\$0.00
	<b>Rounded:</b>	<b>\$0</b>	<b>\$0.00</b> < Hand Enter
	Lease-Up Discount:	\$0	\$0.00 < Hand Enter
	Adjustment 2:	\$0	\$0.00 < Hand Enter
	Adjustment 3:	\$0	\$0.00 < Hand Enter
	Indicated Value:	\$0	\$0.00
	<b>Rounded:</b>	<b>\$0</b>	<b>\$0.00</b> < Hand Enter

**Excel**

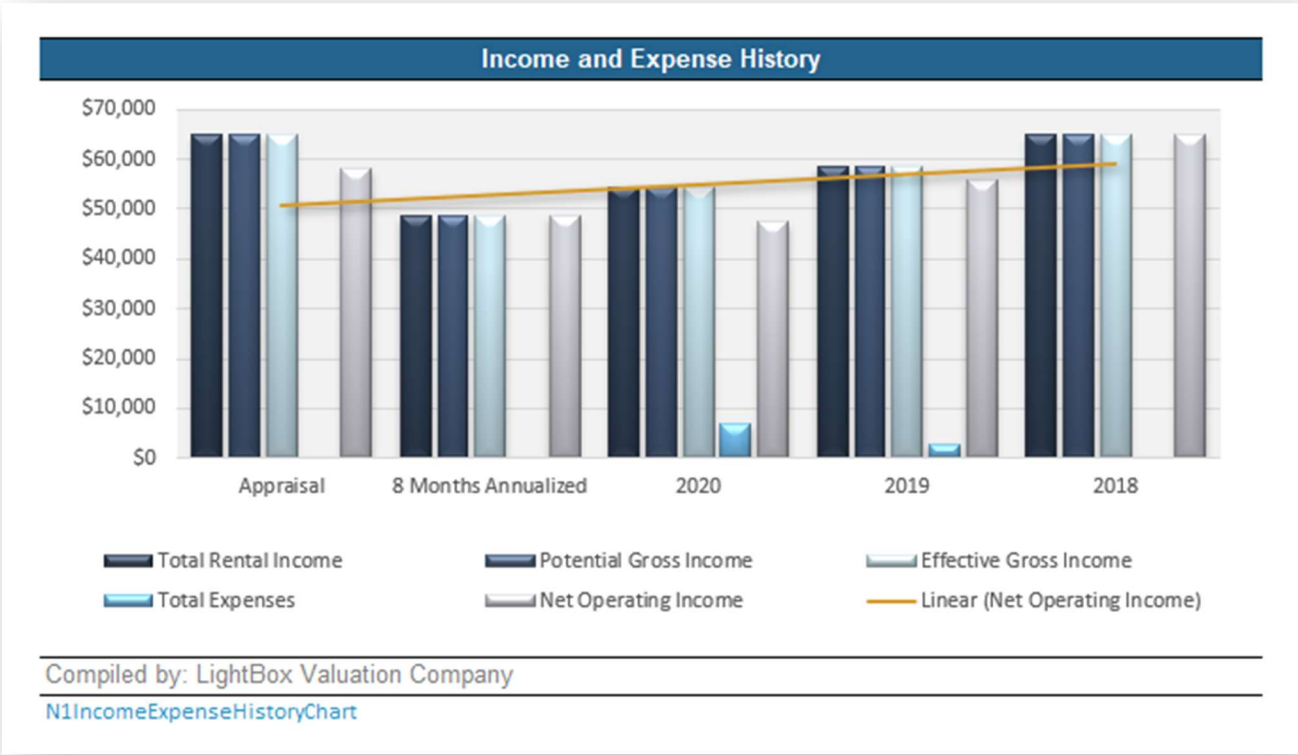
**Capitalization & Multipliers**

We've moved the Low, High, Average fields for the Cap Rate Comparable analysis into the table for a better presentation.

Excel

Income/Expense

We've added a chart to illustrate changes in PGI, EGI and NOI history trends.



## Excel

## Summary

For a more presentable report, we've added tables that are the same width to present the summary of Salient Facts/Executive Summary. These tables include Report Dates, Intended Users, Highest and Best Use and the Value Conclusions.

Highest and Best Use	
Highest and Best Use as Vacant	Retail
Highest and Best Use as Improved	Retail-Commercial
<a href="#">N1HighestAndBestUseTable</a>	
Intended Use and Users	
Intended Use	mortgage financing
Intended Users	Bank and Trust and JLLJ LLC
<a href="#">N1IntendedUseUsersTable</a>	
As Is Value Indications	
<b>As Is Market Value</b>	<b>Current 09/17/2021</b>
Interest Appraised	Fee Simple
Estimated Exposure Time	6 months
Estimated Marketing Time	6 months
No. of Land Sales	4
Land Analysis Value	\$515,000
Excess Land Value	N/A
Cost Approach	
Cost Approach Value	\$1,000,000
Sales Comparison Approach	
No. of Improved Sales	5
Sales Approach Value	\$1,600,000
Income Capitalization Approach	
No. of Expense Comparables	4
No. of Lease Comparables	4
Pro Forma Operating Data	
Potential Gross Income	\$64,917
Effective Gross Income	\$64,917
Operating Expenses	\$6,891
Net Operating Income	\$58,026
Capitalization Rate Applied	8.50%
Income Approach Value	\$700,000
Insurable Value	\$475,800
<b>Market Value Conclusion</b>	<b>\$1,500,000</b>
<a href="#">N1AsIsValueIndicationsTable</a>	

For more information regarding the Valuation Excel Model and Engine functionality, please see our documentation.

## BUG FIXES

**Excel****Zoning**

We've corrected an issue where for users that have not updated to the latest office version, the TEXTJOIN function in the SUMMARY tab was returning an error. We strongly suggest you update to the latest version of Office.

## WHAT'S NEXT?

LightBox is working on some great new features to increase your efficiency and quality of your reports.

- Analysis Grids: Auto-generated insert comparables when assigned to a job

## INTRODUCING LIGHTBOX VALUATION:

LightBox Valuation is a revolutionary end-to-end workflow solution that helps valuation professionals win more engagements, research property & market data, and write high-quality appraisal reports. This product integrates core elements of many standalone LightBox applications (e.g. LandVision, RIMS Central, Narrative1, PARCEL, etc.) to create a single seamless experience, which is unrivaled in the market.



Contact [valuation@lightboxre.com](mailto:valuation@lightboxre.com) to request a demo of LightBox Valuation.