



23 Oct 2019

# What's New in Manhattan 4.0

Core and Classic UI Release 3<sup>rd</sup> November

# Terminology

## Core + Classic UI + Unity UI

### ■ Unity UI

- ▢ New modern user interface, developing since 2017, integrates with CRM (SFDC, MSD, C4C), touch devices ready
- ▢ Technology: React (PA, PB, Dashboards, Master Data), Ember (QC, PM, RM)

### ■ Classic UI

- ▢ Original user interface, developing since 2011, not for touch devices, contains all available functionality (except some of the features since 2019)

### ■ Core

- ▢ Backend, Server, Database, API. Necessary for Classic UI and Unity UI to work

# Releases and Versions

## Past / Near Future

### Previous Release

- Core + Classic UI
  - ▢ Bramble 3.7
  - ▢ Patch Releases (PR): 3.7.X
    - PR1 = 3.7.1
- Unity UI
  - ▢ Seattle 1.40
  - ▢ Patch Releases: 1.40.X

### This and Future Releases

- Core + Classic UI
  - ▢ Manhattan 4.0.0
- Unity UI
  - ▢ Manhattan 4.0.0
- Patch Releases:
  - ▢ Core + Classic UI only: 4.0.X
  - ▢ Unity UI only: 4.0.X
  - ▢ Core + Unity UI: 4.X.0
    - PR1 = 4.1.0

# Release Schedule

## Manhattan 4.0 Release

### ■ Core + Classic UI

- ▢ Sunday 3<sup>rd</sup> November 2019
- ▢ Customers on Shared environments will be updated automatically
- ▢ Dedicated environments will be upgraded on request – please contact our support team

### ■ Unity UI

- ▢ Mid of November 2019
- ▢ Customers set up to use our latest release version will automatically get this release – this will mostly affect customers using Unity UI version Pfaffenhofen

### ■ Core and Unity UI are strongly advised to be updated to the latest versions

# Core + Classic UI

# Manhattan Release

Core + Classic UI / Release 3<sup>rd</sup> November 2019

## ■ PriceAnalyzer Enhancements

- ▢ Datapoints Exclusion in Charts
- ▢ Logarithmic Axes in Charts
- ▢ Latitude and Longitude support for Highmaps
- ▢ Enhanced data upload functionality (faster, larger volume, better error handling, error messaging and stability)

# PriceAnalyzer

## Data Upload / Import / Export

- Display of all errors
- Automatic Data Source creation
- ZIP file with definition for easy import
- Data Feed with error lines

The screenshot displays the PriceAnalyzer interface for configuring a data source named 'ManhattanTransactions'. The main window shows a table of fields for the data source, with a yellow warning message indicating that the data source must have one or more key fields. Below this, an 'Errors' dialog box is open, showing a table with one error entry. To the right, a 'File Upload' dialog box is open, showing the file 'QuotesToUpload2.xlsx' and an 'Upload Progress' table.

**ManhattanTransactions [DMDS.ManhattanTransactions]**

Name : ManhattanTransactions Label : ManhattanTransactions Data Source must have one or more key field(s)

Logic : [Refresh]

**Fields of ManhattanTransactions [12]**

Function	Data T...	Format	Label	Name
1	Text		InvoiceLineID	attribute1
2	Text		InvoiceDate	attribute2
3	Text		CustomerID	attribute3
4	Text		ProductID	attribute4
5	Text		UOM	attribute5
6	Text		Quantity	attribute6
7	Text		BasePrice	attribute7
8	Text		ListPrice	attribute8
9	Text			attribute9

**Errors**

Row	Col	Field	Error
3	7	PriceValidy	Invalid value for field PriceValidy: expected DATE, got '00000000...

**File Upload**

File Name  QuotesToUpload2.xlsx

**Upload Progress**

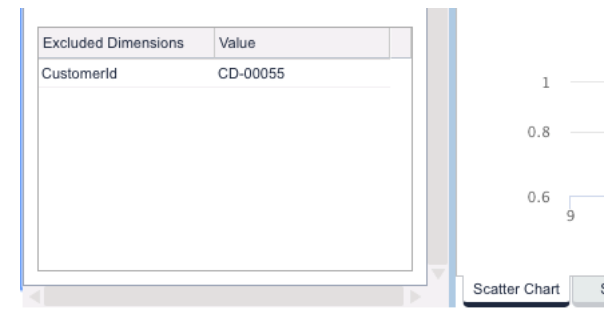
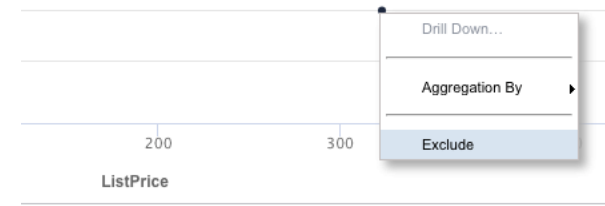
Name	#Loaded	#Failed	#Duplicates	Operation
✓ PFCD5668	8	2	0	Complete

Note: Excel 2013 and Microsoft Office Excel 2007 for Mac date format is not supported.

# PriceAnalyzer

## Charts Improvements

- Mouse Click to exclude selected point in:
  - ▢ Bar & Line Chart
  - ▢ Boxplot Chart
  - ▢ Data Table
  - ▢ Heatmap Chart
  - ▢ Pie Chart
  - ▢ Scatter Chart
  - ▢ Time Series Chart
- Logarithmic Axes
- Latitude and Longitude support for Highmaps



A screenshot of the 'Options' panel for the chart. The panel has a title bar with a dropdown arrow and a close button. The options are:

- Title :
- Subtitle :
- Hide legend
- Hide tooltips
- Disable drill down
- Disable zoom
- X Label :
- X Min :
- X Max :
- Logarithmic X Axis
- Y Label :
- Y Min :
- Y Max :
- Logarithmic Y Axis



# Manhattan Release

Core + Classic UI / Release 3<sup>rd</sup> November 2019

## ■ PriceBuilder Configurable Headers

- ▢ For Price Lists and Live Price Grids
- ▢ Configurable Groovy Header Logic (similar to QuoteConfigurator) to display header inputs, summary outputs and charts above the PL or LPG
- ▢ Can display overview of the whole price lists
- ▢ Can have some drivers for the line items (coefficients, price increase, etc)
- ▢ Live Price Grid and Price List Header Types
  - Determines which Groovy logic will be used to run the PL or LPG header
- ▢ Live Price Grids can have dynamic attributed columns set via Groovy Logic

# Price Lists and Live Price Grid Headers

## Core + Classic UI

Live Price Grids [1]

ID	Label	Type	Header Type	Status	Number of Items
214...	EU_Manhattan Price List	SIMPLE	Price Increase	Ready	4

PriceAnalyzer PriceBuilder QuoteConfigurator

Price Lists	
Manual Price Lists	
Live Price Grids	
Simulations	
PL and LPG Types	

Target Date # Appro Denied # Auto-appro

3 39 1

pricefx PriceAnalyzer PriceBuilder QuoteConfigurator PromotionManager RebateManager ChannelManager PriceOptimizer

Home PL and LPG Types EU\_Manhattan Price List Price List and Live Price Grids Header Logics

**EU\_Manhattan Price List** Save Recalculate

Header

Price Increase % :

**Historical Sales**

**Calculation Results**

Label	Calculation output	Message
Last Recalculation	Thu Oct 24 12:19:25 UTC ...	
Last Executed Increase	2%	Success

**Rows [4]**

ProductID ENG	Warnings	Label	Last Update Date	Previous Price	Previous Price Date	Active Price	Active Price Date	Price Increase %	Result Price
<input checked="" type="checkbox"/> LSP-001		Lukas new label dsdfdsf	24/10/2019 14:19					1	
<input type="checkbox"/> LSP-002		Pentaplast rigid vinyl film	24/10/2019 14:19					2	
<input type="checkbox"/> LSP-003		Pentacard PVC Magnetic St...	24/10/2019 14:19					5	
<input type="checkbox"/> LSP-004		Pentalabel Clearfloat hjksdf	24/10/2019 14:19					2	

Back [Icons] LPG Manhattan

manager PriceOptimizer

- Access Admin
- Configuration
- Calculated Field Sets
- Dashboards
- Configuration Wizards Admin
- Calculation Logic
- Header Logics**
- Filter Logics
- Workflows
- System
- Events
- Logs
- Job/Task Tracking
- Go to Platform Manager

Quotes Contracts Rebates PL / LPG

# Manhattan Release

Core + Classic UI / Release 3<sup>rd</sup> November 2019

## ■ PriceOptimizer Enhancements

- ▢ Cross-Sell and Upsell recommendations API - ready for further development in Unity UI QuoteConfigurator
  - 4 initial categories for recommendations of products (visible in Unity UI in Q1 2020):
    - For selected customer based on historical transactions
    - For segment where the selected customer belongs to, based on historical transactions
    - Related to selected products (often bought together) based on historical transactions
    - Related to selected products (often bought together) based on manual relations through Product references
- ▢ Segmentation and Optimization logics now merged into one which has been split up (for better maintainability) into these parts: A. Main logic containing the Definition elements + Init/Summary elements for the Calculation Steps; B. One logic for each Calculation Step; C. One Analysis logic.
- ▢ Improve usability, logging and scalability
- ▢ Scoring and Pricing steps can newly run in a distributed calculation

# Manhattan Release

Core + Classic UI / Release 3<sup>rd</sup> November 2019

- **Internal Requirements** to increase efficiency
  - ▢ Requirements driven by Solution delivery to make configuration easier and faster
  - ▢ Dynamic configuration inputs in dashboards – simplification of dashboards configuration
  - ▢ Possibility to schedule jobs with dependencies
  
- When a document creation workflow is finished, the document (quote, contract, rebate agreement) can be automatically submitted for approval preventing users from making further changes in it. This option can be enabled in Configuration
  
- Document creation workflow can be restarted at its last step when the document (quote, contract or rebate agreement) is rejected in the approval process. This allows user in the document creation workflow to rework the rejected document. This option can be enabled in the Configuration section
  
- Configuration Wizard can have a button to perform to multiple steps
  
- Price List can be recalculated immediately upon user's request

# Unity UI

# Manhattan Release

Unity UI / Mid November 2019

## PriceAnalyzer

- Charts (12 types + Data Table)
- Datamart Viewer

## PriceBuilder

- Price Lists + Live Price Grids
- Simulations

## RebateManager

## Master Data management

- Products + Customers + Price Parameters

## User Administration

## Dashboards

## Home Page

The image displays three overlapping screenshots of the Pricefx software interface, illustrating its capabilities in Master Data management, PriceAnalyzer, and PriceBuilder.

**Top Screenshot (Price Parameter Management):** Shows the 'Price Parameter Values: Freight Surcharge' configuration page. It features a table with columns for Name, Table Type, Value Type, and Status. The 'FreightSurcharge' parameter is selected. To the right, a list of countries and their corresponding freight surcharge values is displayed, such as Australia (€25.00) and Australia (Express) (€7.90).

**Middle Screenshot (Rebate Records):** Shows the 'Rebate Records / RR-36' page. It includes a table with columns for Record ID (e.g., 34.RR, 35.RR, 36.RR), Name (RR-34, RR-35, RR-36), and Status (Default). Below the table, there are 'VIEW SETTINGS' for 'Rebate Calculation' and 'Growth Rebate', and 'AGREEMENT TERMS' for 'CD-00116'.

**Bottom Screenshot (Data Analyzer / Scatter):** Shows a 'Scatter Data' chart. The Y-axis is labeled 'Cost' (0 to 2,250k) and the X-axis is 'Base Price' (0 to 2,000k). The chart displays a positive linear correlation between Base Price and Cost. The interface includes various filters and options for data display, such as 'Data Label: Scatter Data', 'Data Source: [DM] Sales Data (Sales\_Data)', and 'Axis X: Base Price'.

# Pricefx Universe

# Public Documentation and Release Notes

PFX Universe

> What is Pricefx Classic and what is Pricefx Unity?

- Releases & Versions**
  - Overview of all releases
  - Latest release notes for Classic
  - Latest release notes for Unity
- Application Help**
  - Application help for Classic
  - Application help for Unity
- How To**
  - How To articles
  - Q&A forum
- Developers**
  - PlatformManager Documentation
  - Pricefx Studio to edit and deploy
  - API Documentation
- Release Calendar**

January	February
<b>CLASSIC UI</b> Salty Dog 3.5.5 PR	<b>CLASSIC UI</b> Salty Dog 3.5.6 PR
	<b>UNITY UI</b> Opava 1.36

## Public Pages > [uni.pricefx.eu](https://uni.pricefx.eu)

- Documentation
- Release Notes
- Release Calendar
- Product Feedback

Product Feedback

pricefx Pricefx Product Portal

SUGGESTED PLANNED LAUNCHED

**Manage User Roles on a lower level**

An option to manage roles on a lower level



Thank you

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