

SCHEDULE #30:

Fincentric FTEs for BMO InvestorLine retail options phase 2 enhancements

This Schedule ("Schedule") is entered into between Markit On Demand, Inc. ("S&P") and the Bank of Montreal ("Customer", "BMO") pursuant to, and incorporating by reference all terms and conditions of the Master Agreement between Markit On Demand, Inc. and Customer dated December 1, 2008 (the "Agreement"). References to "MOD" / "Markit" / "IHS Markit" / "Fincentric" and "Subscriber"/"Client" (as the case may be in the Agreement) shall be read, for the purpose of this Schedule, to mean "S&P" and "Customer" as defined herein.

This Schedule constitutes a separate agreement between S&P and Customer for the services described herein. The parties agree that this Schedule and the services provided hereunder are subject to the terms and conditions of the Agreement, incorporated into this Schedule by reference. In case of inconsistency between the terms of the Agreement and the terms of this Schedule, the terms of this Schedule shall prevail. All capitalized terms used but not defined in this Schedule shall have the meanings given to such terms in the Agreement.

This Schedule commences on March 1, 2024 ("Effective Date")

1 Project Description

Customized Solution

S&P will support the BMO InvestorLine 2.0 platform through enhancements to Phase 2 of Schedule #28 displayed in Appendix A (the "Customized Solution") where applicable.

The Customized Solution shall include the seventeen (17) items listed below to be guided by BMO-approved designs where applicable, as illustrated in Appendix B.

S&P will provide personnel equivalent to three fourths (0.75) of a full-time employee (each an "FTE") for eleven (8) months to work on the Customized Solution (3/1/2024 to 10/31/2024). For clarity, this is a total of 6 FTE months.

A. New requests

1. Learn More CMS for each Options Category in Filters section
2. Learn More for each Stocks/ETF categories in Filters section
3. Learn more about strategies - Modal + CMS Content/Redirection to Education hub
4. Aligning existing dropdowns with above learn more modal
5. View Chart from Screener results
6. View Options Chain from Screener results
7. View News from Screener results
8. Strategy Descriptions on click in Screener results
9. Heat Map/Color coding results
10. Strategy descriptive section above Filters with dynamic info icons and tool tips
11. Enable BMO Pilot release to limited users

12. Display message for CA symbols that users cannot trade multi legs for CA symbols.
13. Scope out 2 strategies from Phase 2 Covered Put/Married Call. Enable feature flags to hide these

B. Change requests

14. Minor translation updates to strategy dropdown
15. Open interest chart-Implement Minimum bubble size for accessibility concern
16. Open interest chart enhancement to allow updating based on strike price
17. Strategy Builder - tool tips design update for Accessibility concern

Assumptions

- The items are to be delivered in time for the expected completion date of Phase 2 of Schedule #28 which is June of 2024 at the time this Schedule is drafted.
- Customized Solution will be in French and English with translations provided by BMO.
- Responsive experience scaled down to mobile breakpoints
- Customized Solution is limited to those portions of the BIL 2.0 platform that are hosted or supported by S&P.
- All items are for delivery into SD (Self-Directed).
- Prioritization order of items can be guided by BMO with advanced notice and subject to readiness of design, data and development dependencies.
- S&P will implement Customer's specifications that Customer believes are compliant with WCAG 2.0 level A/AA as a minimum standard. S&P does not warrant or assert that Customer's specifications will be compliant with the guidelines.
- At BMO's discretion and with agreement from S&P, FTEs can increase monthly FTE allotment upto a maximum of 2 FTEs total per month provided that the total FTE months provided by S&P does not surpass 6 FTEs for the term of this Schedule.
- Per-item assumptions
 - Items 4,5,6,7,8
 - These are dependent on future development of existing requirements from Schedule #28.
 - Item 5
 - Charting constitutes leveraging of the existing components and thus no custom changes to the charting toolset will be required.
 - Item 7
 - Mobile
 - Recent news constitutes leveraging of the existing components and thus no custom changes to the

- charting toolset will be required.
- Item 12
 - This will be a simple message displayed on the page from translations provided by BMO.
- Item 16
 - Data is available through existing integrations. If not, Fincentric will not be able to execute this change request.
- Item 17
 - Update is for existing Phase 2 features only and existing production features don't need update. Also updated designs to get approved by BMO by Feb 15, 2024, after which delay will add to scope that is not included in this Schedule.
- Out of scope
 - Data mapping
 - OptionsPlay data
 - For any item, no new feature requests or design updates beyond minor design updates that may be required to handle select edge cases.
 - New data sources

Browser Support

S&P will provide support for the Customized Solution in the following browsers. S&P will use reasonable efforts to support the most recent browser versions after they become available. Legacy versions will be retired in due course.

OS	Browser
Windows	Edge
Windows/Mac	Firefox
Mac	Safari
Windows/Mac	Chrome

1.1 Operation System and Hardware Support

S&P will provide support for the Customized Solution in the following mobile operating systems and hardware platforms:

- Apple iOS 9.0 and greater
- Google Android 6.x (Marshmallow) and greater

S&P will use reasonable efforts to support the most recent operating system version for both Apple iOS and Google Android after they become available. Support for legacy versions (typically 2 major (e.g. 1.x vs 2.x) versions back from current) will be retired over time.

For S&P QA, the Customized Solution will be optimized for the following hardware devices:

- Apple iPad 2 and greater

- Any Android device running Marshmallow (6.0) or greater

The version and hardware support may be reviewed and adjusted if mutually agreed upon by the parties.

2 Redundancy

The Customized Solution will be operational in all of S&P managed data centers.

3 Reporting

S&P will provide its standard reporting package when the Customized Solution is running in production.

4 Content

Customer will be responsible for licensing and providing all data, content and fonts required for this project. S&P can recommend and make introductions to appropriate providers, but Customer will be responsible for all agreements with and payments to such providers.

5 Term

The term of this Schedule is set out in Section 1.1 above ("Initial Term").

6 Service Fee

The Service Fee for the work enumerated in this Schedule is USD \$22,500 per FTE per month, starting on March 1, 2024. In the event Customer requests and S&P agrees in writing to the increase the number of total FTEs during the term of this Schedule, the Service Fee per month will increase accordingly.

For clarity, the Customer will be invoiced monthly a fixed fee of \$16,875 USD over the period of the term.

Customer shall pay S&P for any reimbursable expenses incurred by S&P that have been agreed to in advance between the parties within thirty (30) days of the date of the relevant invoice from S&P.

7 Representations and Warranties

Each party represents and warrants that: (i) when executed and delivered, this Schedule shall constitute the legal, valid and binding obligation of such party, enforceable against it pursuant to its terms; (ii) it shall comply with all applicable federal and state laws, regulations and statutes in the performance of its obligations hereunder; (iii) it has full power and authority to enter into and perform its obligations under this Schedule; (iv) it has obtained all necessary corporate approvals to enter into and execute this Schedule; and (v) its performance under this Schedule does not and shall not conflict with any other material agreement or obligation to which it is a party or by which it is bound.

8 Data Protection

Customer represents and warrants to S&P that those individuals or entities for which they provide Personal Data to S&P have consented to the processing and transfer of their Personal Data as contemplated by this Schedule, including but not limited to individuals authorized to access the Services on its behalf ("Designated Users"). This information may include personal data such as but not limited to names, titles and work contact information, ("Personal Data").

Each party agrees that it shall comply with all applicable data privacy laws including implementing appropriate technical and

organisational measures against the unauthorised or unlawful processing of Personal Data and against the accidental loss or destruction of, or damage to, Personal Data. S&P will handle all Personal Data in accordance with S&P's Privacy Policy which can be found at <https://ihsmarkit.com/legal/privacy-policy.html>. In order to provide the Services S&P may use, collect, store, disclose and process the Personal Data and transfer the Personal Data inside of, and outside of, the United States and the European Economic Area.

9 Change Management

S&P reserves the right, in its sole discretion, to make changes and enhancements to the equipment and software used to provide the services from time to time to maintain operations and as required for problem management and/or system security. S&P will use commercially reasonable efforts to implement changes during non-peak hours, except for changes required for emergency purposes, which may be made at any time. To the extent reasonable and commercially practicable, Customer will be notified in advance of any expected outages.

10 Invoices

All invoices for S&P services provided under this Schedule shall be sent to the following representative(s) of Customer:

ATTN: Mohamed Lamine Khezihi
mohamedlamine.khezihi@bmo.com
416-951-2735

BMO InvestorLine
Accounts Payable, PO Box 370
Succursale St-Jaques
Montreal, QC H3C 2T1
Canada

ACCEPTED MARKIT ON DEMAND, INC.	ACCEPTED BANK OF MONTREAL
SIGNATURE <div><div>DocuSigned by:</div><div>Renee Spampinato</div><div>CEE17D9CD69A42A...</div></div>	SIGNATURE <div><div>DocuSigned by:</div><div>Andrea Casciato</div><div>49020759201F4DC...</div></div>
PRINT NAME Renee Spampinato	PRINT NAME Andrea Casciato
TITLE Head of Fincentric	TITLE Head of Digital Investing BMO InvestorLine
DATE OF SIGNATURE 2/23/2024	DATE OF SIGNATURE 2/23/2024

To be completed by the Customer:

Authorized Customer Signatory	
Name: Mohamed Lamine Khezihi	
Title: Senior Investment Product Manager	Email: mohamedlamine.khezihi@bmo.com
Phone:	City: Toronto, ON

Note: Information necessary for S&P's contract compliance and due diligence purposes

Appendix A follows immediately on the next page.

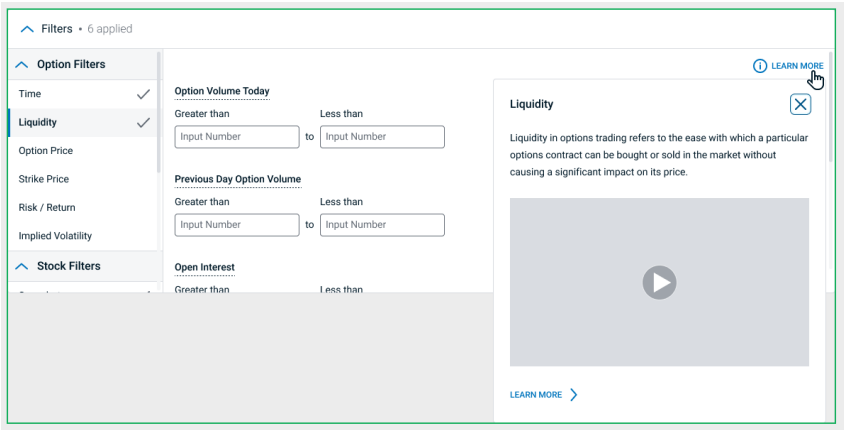
Appendix A: Phase 2 of Schedule #28 (Modernized Options Investing for InvestorLine 2.0)

- A. Phase 1
 - a. Options tab modernized experience
 - i. Tab sections: Learn about options; Options chain
 - ii. User experience customization
 - b. Option chain UI (for calls and/or puts)
 - c. Quote bar: SmartText (inspectable, plain-speak technology) to summarize instruments' data points
 - d. Learn about options
 - e. Analyzer tool
- B. Phase 2
 - a. Updates to October milestone items
 - i. Options tab additional sections: Explore scenarios; Discover; Options market overview
 - ii. Additional user experience customization parameters for Options tab
 - iii. Option chain UI added for Vertical spreads, horizontal spreads, straddles, long/short strangle
 - iv. Quote bar: graphic of historical/contextualized IV (implied volatility)
 - v. Analyzer tool visualizations for the following: profit & loss; open interest; IV; volatility skew
 - b. Explore scenarios (My outlook / Strategy builder): explore and research options strategies by user thesis
 - c. Discover: generate investing ideas by strategy or themes
 - d. Option market overview: generate investing ideas by discovery of most active options on the market

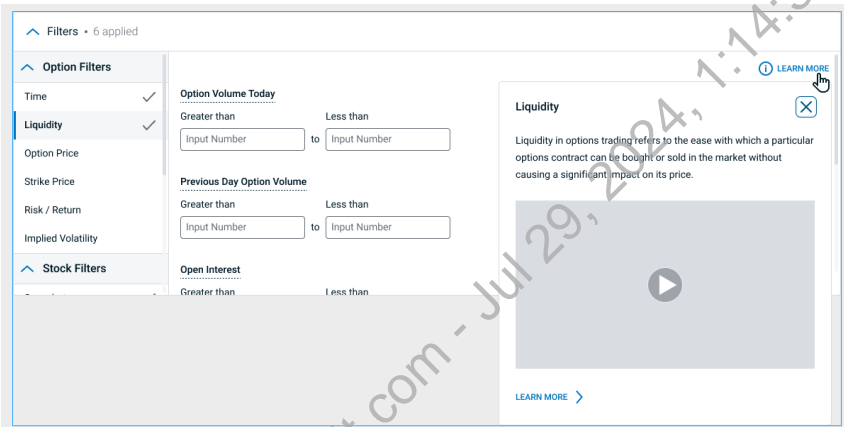
Appendix B: Details for items A through J of the Customized Solution

The below screenshots per item are in nature intended as demonstrative of designs that have been signed off on by BMO at the time of drafting the Schedule and, for any given item, constitute neither an exhaustive representation nor a development asset.

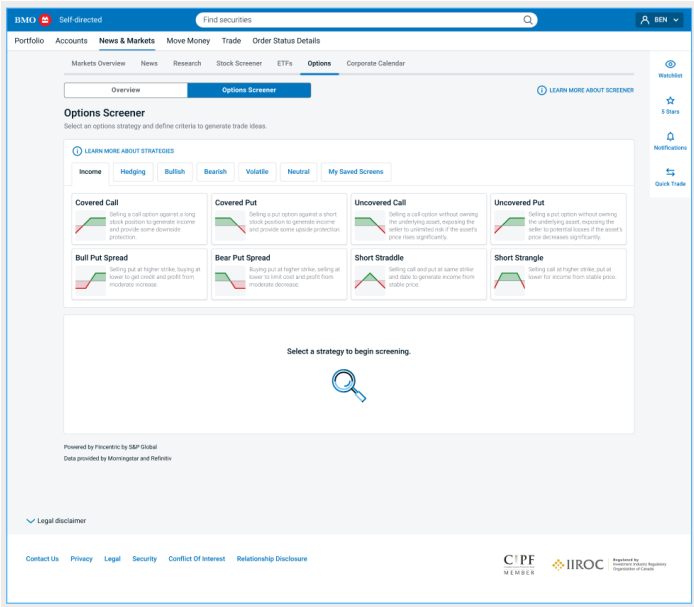
1. Learn More CMS for each Options Category in Filters section



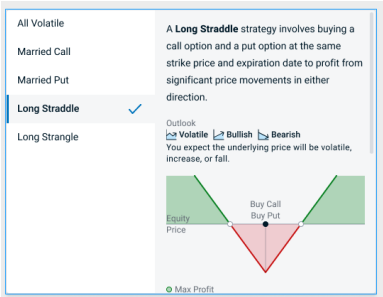
2. Learn More for each Stocks/ETF categories in Filters section



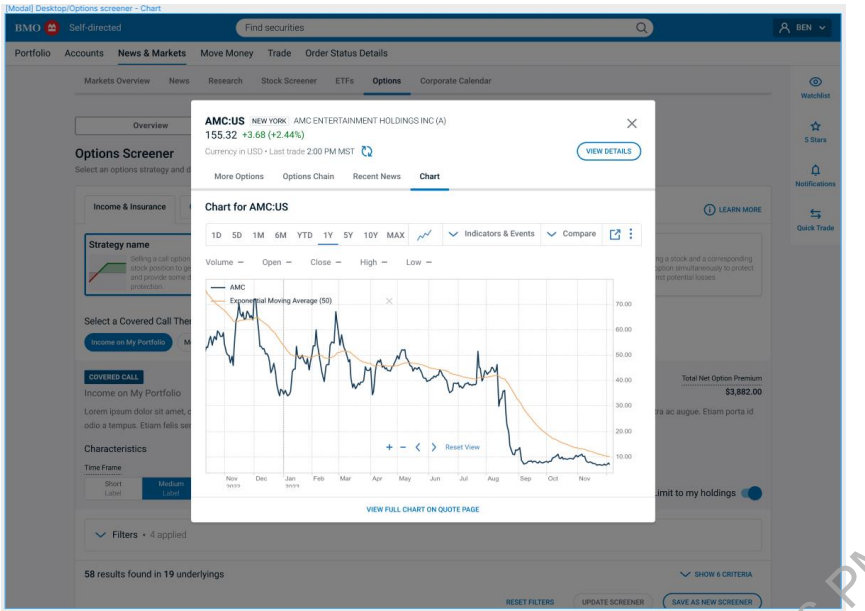
3. Learn more about strategies - Modal + CMS Content/Redirection to Education hub



4. Aligning existing dropdowns with above learn more modal



5. View Chart from Screener results



6. View Options Chain from Screener results

AMC:US NEW YORK AMC ENTERTAINMENT HOLDINGS INC (A)
155.32 +3.68 (+2.44%)
Currency in USD • Last trade 2:00 PM MST

Options Chain

AMC:US Options Expiring on Jun 02, 2023

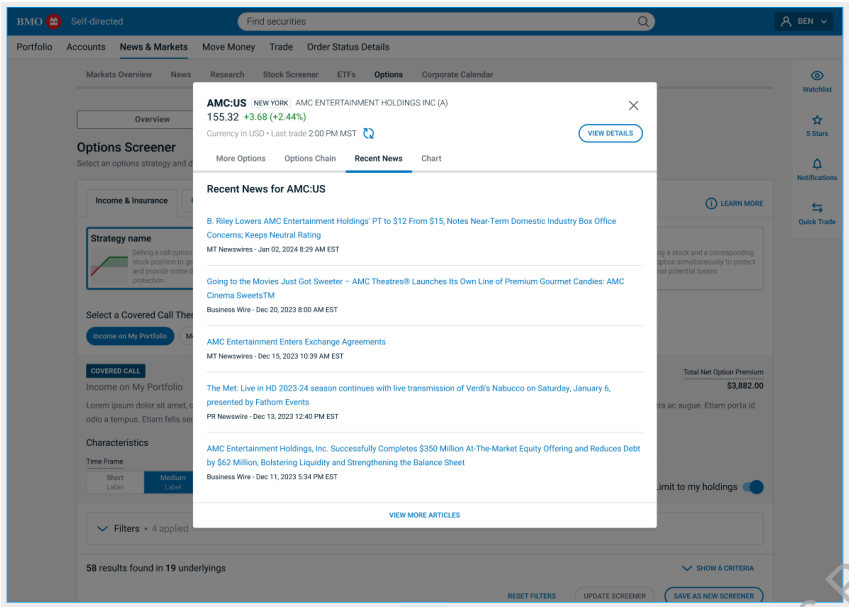
Strikes Near

☒ Selected Strike ☐ Current Price

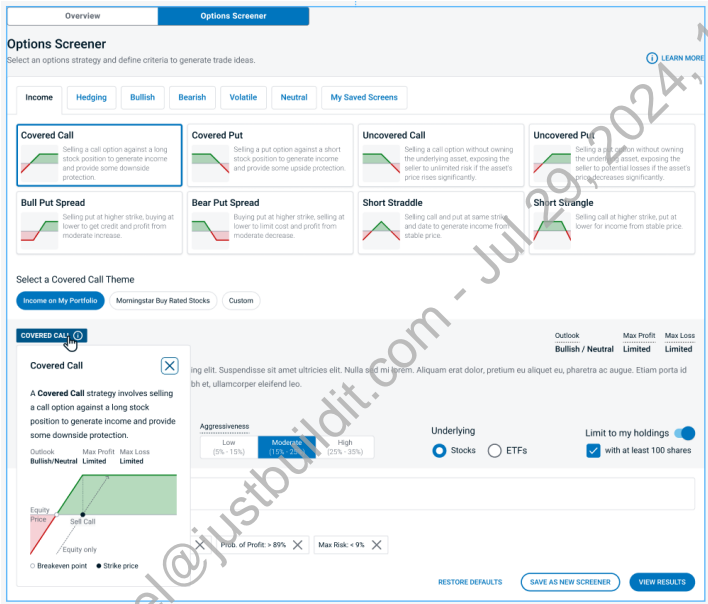
Calls		Strikes	Puts	
Bid/Size	Ask/Size		Bid/Size	Ask/Size
6.15 x1421	6.30 x5	12.00	1.02 x178	1.05 x65
4.25 x2502	4.40 x2495	12.50	1.64 x1147	1.68 x145
2.72 x79	2.78 x2560	13.00	2.54 x1534	2.59 x149
Near 13.50				
1.51 x2495	1.53 x2495	13.50	3.80 x510	3.90 x456
0.64 x2495	0.70 x2452	14.00	5.45 x15	5.60 x59
0.27 x30	0.28 x6	14.50	7.50 x18	8.25 x16

VIEW FULL OPTIONS CHAIN

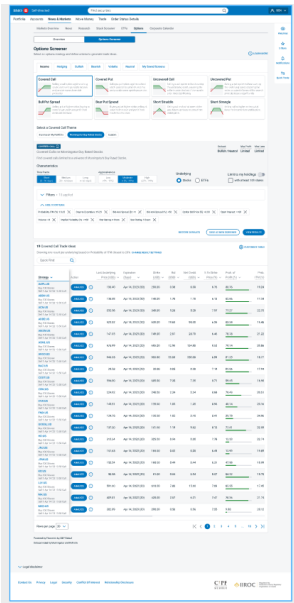
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8. Strategy Descriptions on click in Screener results



9. Heat Map/Color coding results



10. Strategy descriptive section above Filters with dynamic info icons and tool tips

