Industry CAT CAIS Release Status

February 23rd , 2022

Agenda

- LTID Release Update
  - Open Issues
  - Recently Closed Issues
- Full CAIS Release Update
  - Open Issues
  - Recently Closed Issues
- Planned Enhancements
- Specification Updates
- Certification Reminders
- General Announcements & Reminders
- Q&A

Industry CAT CAIS LTID Release Update

CAIS LTID Phase Statistics – February 14th – February 20th, 2022

Production Environment							
	Monday, 2/14	**Tuesday, 2/15**	**Wednesday, 2/16**	**Thursday, 2/17**	**Friday, 2/18**	**Saturday, 2/19**	**Sunday, 2/20**
Number of Total Submitters	49	66	60	63	63	19	2
Number of Unique Firms	201	553	277	548	484	116	2
Number of Files Received	Total: 223 Reporter Portal: 15 SFTP: 208	Total: 1,322 Reporter Portal: 15 SFTP: 1,307	Total: 399 Reporter Portal: 16 SFTP: 383	Total: 1,381 Reporter Portal: 27 SFTP: 1,354	Total: 826 Reporter Portal: 21 SFTP: 805	Total: 670 Reporter Portal: 0 SFTP: 670	Total: 4 Reporter Portal: 0 SFTP: 4
Number of Files Rejected	0	24	3	25	3	2	0
File Reject Rate	0.00%	1.82%	0.75%	1.81%	0.36%	0.30%	0.00%

CAIS LTID Phase Statistics – February 14th – February 20th, 2022

Production Environment							
	Monday, 2/14	**Tuesday, 2/15**	**Wednesday, 2/16**	**Thursday, 2/17**	**Friday, 2/18**	**Saturday, 2/19**	**Sunday, 2/20**
Records Accepted	281,334	911,584	765,288	959,465	700,754	996,939	27
Records Rejected	16	459	56	64	32	28	0
Records Submitted	281,350	912,043	765,344	959,529	700,786	996,967	27
Record Rejection Rate	0.01%	0.05%	0.01%	0.01%	0.00%	0.00%	0.00%

CAT CAIS LTID Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
1	Open	23999	OutOfMemoryError in Submission Engine. When attempting to compile feedback file, submission engine runs out of memory if too many rejections present.	Code Release	Medium	**Workaround:** Error Rejections reported in CAIS feedback files are restricted to 1000 entries. Error code 23999 is returned in the feedback file if greater than 1000 errors are reported. Industry Members should address rejections 1000 at a time or submit files with fewer than 1000 records to ensure that the feedback file contains all error codes. **Fix:** 3/27/2022	**Fix:** 4/24/2022	Submission Feedback

CAT CAIS LTID Recently Closed Issues List – As of 2/21/2022

#	Status	Error Code	Issue Summary	Resolution	Priority	Test Environment Release Date	Production Environment Release Date	Area Affected
1								

Industry CAT Full CAIS Release Update

Industry Member Release Rollout – Pre-Production

Full CAIS Release 1
Industry Test – 1/31/2022
Production – 4/25/2022

Ingestion
- Industry Test Open for Machine-to-Machine File & Data Integrity Validations, Material Inconsistencies, and Feedback
- Feedback file contains up to 1,000 Rejections

CAIS Reporter Portal
- Manual File Upload
- Manual Submission
- Submission Feedback
- Inconsistencies Feedback
- Nightly Inconsistencies Report

Full CAIS Certification opened on 2/1/2022

Full CAIS Release 2a
Industry Test – 3/28/2022
Production – 4/25/2022

Ingestion
- New DRIVERLICENSE Foreign TID Type
- EIN Validation changed to format validation
- Full Data Replacement
- Feedback file enhanced to include all Rejections feedback

CAIS Reporter Portal
- FDID Reconciliation Report updated with Full CAIS information (count of CAT Customers and Version information)

Full CAIS Release 2b
Industry Test – 4/11/2022
Production – 4/25/2022

Ingestion
- Remove OTHBKR and CP customerType values for Legal Entity Customer Records
- Remove BROKERAGE value for accountType
- Remove primeBrokerID and bankDepositoryID fields and add a new DVPCustodianID field

Industry Member Release Rollout – Production

Full CAIS Release 3
Industry Test – 5/25/2022
Production – 6/13/2022

Reports
- FDID Version Report posted to SFTP weekly, containing active LTID Phase FDIDs not updated to Full CAIS Phase

CAIS Reporter Portal
- FDID Version Report available on-demand, containing active LTID Phase FDIDs not updated to Full CAIS Phase

Full CAIS Release 4
Industry Test – 8/29/2022
Production – 9/12/2022

Ingestion
- New INACTIVE FDID End Reason

- Automated Transfer Procedure

Full CAIS Phase Statistics –
February 14th – February 20th, 2022

Industry Test Environment							
	Monday, 2/14	Tuesday, 2/15	Wednesday, 2/16	Thursday, 2/17	Friday, 2/18	Saturday, 2/19	Sunday, 2/20
Number of Total Submitters	12	10	13	13	15	3	0
Number of Unique Firms	13	14	16	20	23	3	0
Number of Files Received	41	41	37	37	46	5	0
Number of Files Rejected	3	4	13	11	11	0	0
File Reject Rate	7.31%	19.51%	35.14%	29.73%	23.91%	0.00%	0.00%

Full CAIS Phase Statistics –
February 14th – February 20th, 2022

Industry Test Environment							
	Monday, 2/14	Tuesday, 2/15	Wednesday, 2/16	Thursday, 2/17	Friday, 2/18	Saturday, 2/19	Sunday, 2/20
FDID Records Accepted	28	12	1,505	40	3,583	0	0
FDID Records Rejected	127	487	273	32	5,022	17	0
FDID Records Submitted	155	499	1,778	72	8,605	17	0
FDID Record Rejection Rate	81.94%	97.60%	15.35%	44.44%	58.36%	100%	0.00%

Full CAIS Phase Statistics –
February 14th – February 20th, 2022

Industry Test Environment							
	Monday, 2/14	**Tuesday, 2/15**	**Wednesday, 2/16**	**Thursday, 2/17**	**Friday, 2/18**	**Saturday, 2/19**	**Sunday, 2/20**
Customer Records Accepted	12	12	817	47	1,000	0	0
Customer Records Rejected	196	139	273	49	7,172	0	0
Customer Records Submitted	208	151	1,090	96	8,172	0	0
Customer Record Rejection Rate	94.23%	92.05%	25.05%	51.04%	87.76%	0.00%	0.00%

CAT Full CAIS Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided – Release 1

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
1	Open	N/A	Submission files may not complete processing if they include an FDID that was previously accepted in an LTID Phase submission with one or more LTIDs, and is reported in the Full CAIS Phase submission with the exact same LTIDs.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Data Validation
2	Open	22062 22063	Field length validation on *primeBrokerID* and *bankDepositoryID* erroneously rejects records if the value is not the exact length. Each attribute should allow values up to the stated length, rather than expecting that exact length.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Data Validation
3	Open	22531	Legal Entity CAT Customers are rejected for not having a populated LEI, even when the customer is not reported with a *foreignTIDType* of LEI.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Data Validation

CAT Full CAIS Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided – Release 1

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
4	Open	22900	Rejections for a malformed TID record are erroneously included in the Submission Feedback file with an error code of 22914 rather than 22900. These rejections are not able to be repaired by resubmission of the same CAT Customer, which is not accepted for rejections of error code 22914.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Submission Feedback
5	Open	21014	The CAIS Data file does not proceed to the COMPLETED_FILE_TIMEOUT status when the paired TIDs file is not posted within the 60 minute window, and feedback is not provided that the file has timed out.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Submission Feedback
6	Open	N/A	The Submission Summary page, displayed when the user finalizes a Manual Form Submission, does not show all fields included in the submission.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Manual Form Submission
7	Open	N/A	Submissions using the Manual Form Submission functionality does not result in the generation of a TIDs file if the user does not include any CAT Customer associations to the FDID. This only impacts firms attempting to test ending an FDID Record.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Manual Form Submission

*** The Known Issues List is published on www.catnmsplan.com under "Industry Member Specifications" ***

CAT Full CAIS Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided – Release 1

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
8	Open	22042	The Completed Submissions and Submission Reports tables may show incorrect counts for CAT Customers Processed, Accepted, and Rejected when the FDID to which the CAT Customer is associated is rejected for Error Code 22042.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Reporter Portal
9	NEW – Open	N/A	Submissions using the Manual Form Submission functionality that include one or more CAT Customer records having a populated Address Record with a Country of US or Canada are rejected for an invalid *regionCode*.	Code Release	High	**Fix:** 2/27/2022	**Fix:** 4/24/2022	Manual Form Submission

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CAT Full CAIS Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided – Release 2

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
1	Open	N/A	Intermittent instances of CAIS Data files and TIDs files that are not able to be processed due to improperly formatted data within the file. Files may get stuck in a 'File Acknowledged' state and not properly reach a failed state.	Code Release	Medium	**Workaround:** If the file remains in file acknowledged state for more than 2 hours, then contact the FINRA CAT Helpdesk for further assistance. **Fix:** 3/27/2022	**Fix:** 4/24/2022	Data Validation
2	Open	N/A	The Manual Form Submission fields for Correspondent CRD and Prior CAT Reporter CRD are only allowing selection from the CRDs with which the firm has a submission relationship. The fields should allow all valid CRDs.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Manual Form Submission
3	Open	23999	OutOfMemoryError in Submission Engine. When attempting to compile feedback file, submission engine runs out of memory if too many rejections present.	Code Release	Medium	**Workaround:** Error Rejections reported in CAIS feedback files are restricted to 1000 entries. Error code 23999 is returned in the feedback file if greater than 1000 errors are reported. Industry Members should address rejections 1000 at a time or submit files with fewer than 1000 records to ensure that the feedback file contains all error codes. **Fix:** 3/27/2022	**Fix:** 4/24/2022	Submission Feedback

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CAT Full CAIS Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided – Release 2

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
4	Open	22503	If a CAT Customer submission is rejected for error code 22503 - including the updateNotification as true for the first submission of a CAT Customer - the record is listed with both 22503 and 22523 - indicating the CAT Customer is rejected because the FDID is rejected. Only 22503 should be listed. While two error codes are generated, only one error is included in statistics.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Submission Feedback
5	Open	N/A	Legal Entity Material Inconsistencies are not included in the Nightly Scans Feedback for Impacted firms when the other Industry Member has resolved their Material Inconsistency.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Material Inconsistencies
6	Open	N/A	The Inconsistencies table shows duplicated Material Inconsistencies in some instances. Display only-issue: Only one Material Inconsistency is included in the submission feedback.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Reporter Portal

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CAT Full CAIS Open Issues List – As of 2/21/2022 Release Planned/Workaround Provided – Release 2

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
7	Open	N/A	In certain instances, the Submission files status may be listed with a status of 'Completed - With Rejections' when there are no rejections against the file.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Reporter Portal
8	Open	N/A	Downloads of the Completed Submissions and Submission statistics from the Reporter Portal do not include the Triggered Inconsistencies, Late Repairs, or Outstanding Inconsistencies columns. Statistics are displayed in the Reporter Portal UI.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Reporter Portal
9	Open	N/A	Processed and Repaired record counts within the Completed Submissions data table within the Reporter Portal may not match the count of records included in the file.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Reporter Portal
10	Open	N/A	Users in the Reporter Portal UI are not able to download the Nightly Inconsistencies Report.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Reporter Portal
11	NEW - Open	22048	EIN starting with "00-" fails validation due to range validation rules.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Reporter Portal

CAT Full CAIS Open Issues List – As of 2/21/2022
Release Planned/Workaround Provided – Additional Releases

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
1	Open	N/A	Users are not able to include a correctionList entry in a Manual Form Submission. This impacts error codes 22001 and 22900.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Manual Form Submission
2	Open	N/A	The count of items displayed shows the selected total results per page value, rather than the actual count of items displayed.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
3	Open	N/A	Users are not able to select 100 results per page. Additionally, when the user changes the results per page and saves their view, the results per page change is not saved.	Code Release	Low	**Workaround:** User may paginate through the result set's additional pages. **Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
4	Open	N/A	The Completed Submissions table does not show the status of the TIDs file. Only the status of the CAIS Data file is displayed and included in the export.	Code Release	Low	**Workaround:** Review the TID Feedback file for file status. **Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
5	Open	N/A	Nightly Inconsistencies Report link within the Inconsistencies tab of the Reporter Portal does not navigate the user correctly to the Nightly Inconsistencies page.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal

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CAT Full CAIS Open Issues List – As of 2/21/2022
Release Planned/Workaround Provided – Additional Releases

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
6	Open	N/A	Filter by specific CRD within the Submission Reports does not filter properly for aggregated values.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
7	Open	N/A	If a user attempts to download a feedback file within the Reporter Portal, they are unable to retrieve the file if it was submitted by another firm on their behalf and said submitter firm has deleted the feedback file.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
8	Open	N/A	The Submission Reports overlays that show results by specific CRD does not allow the user to 'unsort' the CRD column.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
9	Open	N/A	Submission Report shows more results than the selected records per page when the user changes to a new View Data As perspective.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal
10	NEW-Open	N/A	Legal Entity manual submission form displays 'PERMANENT' as a selection under Foreign TID Types dropdown.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Manual Form Submission

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Planned Enhancements and Specification Updates

CAT CAIS Planned Enhancements – Open

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted Release Date	Area
1	Open	N/A	Update Rejection screen for Submitters to only show rejections for FDIDs that they submitted	Code Release	Low	Deployed 1/30/2022	**Fix:** 4/24/2022	Reporter Portal
2	Open	N/A	Update CAIS Data File properties to change *fdidCustomerList* multi-dimensional array from Required to Conditional. This change will allow Industry Members to optionally exclude the list from submission when they are ending an FDID record that has previously been accepted in to CAIS with at least one associated CAT Customer.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Submission Data File
3	Open	N/A	Certain fields in the Manual Form Submission functionality may allow the user to enter characters that would cause a rejection of the submission record - such as including an '@' character within the Firm Designated ID field.	Code Release	Medium	**Fix:** 3/27/2022	**Fix:** 4/24/2022	Manual Form Submission
4	Open	N/A	User is not prompted with a warning the entered data will not be saved if they attempt to navigate away from the Manual Form Submission page.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Manual Form Submission
5	Open	N/A	The Update button on a Manual Form Submission is enabled when viewing a previously added record. The button should be disabled until at least one field is updated by the user.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Manual Form Submission
6	Open	N/A	When selecting date values in the Manual Form Submission, the date is not selected when the user first clicks a date. The date is only selected on the second click.	Code Release	Low	**Fix:** TBD	**Fix:** 7/11/2022	Manual Form Submission
7	Open	23005	Setting a 'Replaced By FDID' value that is the same as the 'Firm Designated ID' value is not prevented within the Reporter Portal. It is not acceptable to set both values the same.	Code Release	Low	**Fix**: TBD	**Fix:** 7/11/2022	Manual Form Submission
8	Open	N/A	Certain columns are not displayed in the Submission Report by default.	Code Release	Low	**Workaround:** User may add the columns to their view. **Fix:** TBD	**Fix:** 7/11/2022	Reporter Portal

CAT CAIS Planned Enhancements – Recently Closed

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Release Date	Production Environment Release Date	Area

CAT CAIS– Planned LTID Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version
1	Open	Clarify that malformed LTID can be corrected by sending the same FDID with corrected LTID entry - does NOT require *correctionAction* message	TBD	V1.2.3

CAT CAIS–
Planned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date - Prod
1	Published	Add an additional *foreignTIDType* value of 'DRIVERLICENSE' as the last value in the Foreign TID Type hierarchy.	12/17/2021	2.0r6	3/27/2022	4/24/2022
2	Published	Add additional US Region Codes of AA, AE, and AP, for reporting of US military and diplomatic mailing addresses.	12/17/2021	2.0r6	3/27/2022	4/24/2022
3	Open	Note corrections can also be used for customer records, not only malformed FDIDs, and clarify the limited use cases for utilizing the *correctionList*.	March 2022	2.0r7	N/A	N/A
4	Open	Add a new *fdidEndReason* value of 'INACTIVE' as option to end FDIDs that have had no CAT-reportable activity events (e.g., MENO, MEOR, MEOT, etc.) associated with the Account in the prior six months. For the purposes of periodic refresh requirements, monthly refresh report excludes any FDID with an *fdidEndReason* of 'INACTIVE' populated and an *fdidEndDate* set on or before the date of the report.	March 2022	2.0r7	8/28/2022	9/11/2022
5	Open	Clarify that 'NNVE' must only be used for Customers who legally have one name. The value of 'NNVE' must not be in the *firstName* or *lastName* fields for Customers who legally have first and last names.	March 2022	2.0r7	N/A	N/A
6	Open	Remove 'BROKERAGE' *accountType* value for FDID records.	March 2022	2.0r7	4/10/2022	4/24/2022
7	Open	Update the definition of the 'OTHER' *accountType* value to clarify the value is to be used when no other listed value applies to the Account.	March 2022	2.0r7	N/A	N/A

* Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

CAT CAIS–
Planned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod
8	NEW – Open	Remove 'CP' and 'OTHBKR' *customerType* values for Legal Entity Customer Records.	March 2022	2.0r7	4/11/2022	4/25/2022
9	NEW – Open	Correct Data Type of Identifiers Feedback File field *submissionID* from 'Unsigned' to 'Text (36)'.	March 2022	2.0r7	N/A	N/A
10	NEW – Open	Clarify that *clearingBrokerID* must contain four-digits, including leading zeroes.	March 2022	2.0r7	N/A	N/A
11	NEW – Open	Remove the *primeBrokerID* and *bankDepositoryID* attributes, and replace with a new *DVPCustodianID* attribute with the following definition: If the custodian is a US broker-dealer, this field must represent the clearing number of the custodian. If the custodian is a US bank and is not a registered broker-dealer, this field must represent the DTC number of the bank. If the custodian is a foreign entity, must be populated with a value of 'FOR'. Required when the *accountType* is 'DVP/RVP'.	March 2022	2.0r7	4/11/2022	4/25/2022

* Planned Technical Specification updates are subject to approval by the CAT NMS Plan Operating Committee.

General Announcements and Reminders

CAT CAIS LTID Reporting Certification

➢ Any continued Production Readiness Certifications for LTID are to be completed in the Prod Mirror environment.

➢ Registration for CAIS LTID requires Reporters to indicate their approximate number of FDIDs that have associated LTIDs.

➢ For Reporting Agents, this should be the aggregate total of all FDIDs with associated LTIDs.

➢ Only Reporters and Reporting Agents that pass certification will be able to submit data into the Production environment.

Full CAIS Phase Reporting Certification

- Full CAIS Phase certification opened in the Industry Test environment on February 1.

- Webinar from October 6, 2021, covered Full CAIS certification requirements and is available on the CAT NMS Plan site.

- Certification is also detailed in the Industry Member CAIS Onboarding Guide.

- Effective April 25, 2022, a separate CAIS Reporter Production User role must also be assigned to grant the user access to the CAIS Production environment.

FINRA CAT Announcements and Reminders

➢ CAT CAIS Checkpoint Calls to be held every other Wednesday at 4:15 E.T. – the next call is scheduled for March 9, 2022

➢ Full CAIS 101 webinar scheduled for Tuesday, March 1, at 9:15 E.T.

➢ Connectivity Guides, Reporting Scenarios, Use Cases, and updated FAQs available at catnmsplan.com

FINRA CAT Helpdesk

Questions may be directed to the FINRA CAT Helpdesk at 888-696-3348 or help@finracat.com

How to Ask a Question during Today's Call

- **For participants using computer audio:**
  - Click the "Raise Hand" button at the bottom of the participants window.
  - A visual prompt will indicate that your line has been unmuted.

- **For participants using phone audio:**
  - Enter *9 on your phone keypad.
  - An audio prompt will indicate that your line has been unmuted.