
Industry CAT CAIS Release Status

August 24th, 2022

Agenda

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

Industry CAT Full CAIS Release Update

Industry Member Release Rollout – Pre-Full CAIS Production

Full CAIS Release 1 Industry Test – 1/31/2022 Production – 4/25/2022	Full CAIS Release 2a Industry Test – 3/28/2022 Production – 4/25/2022	Full CAIS Release 2b Industry Test – 4/11/2022 Production – 4/25/2022
<p>Ingestion</p> <ul style="list-style-type: none">• Industry Test Open for Machine-to-Machine File & Data Integrity Validations, Material Inconsistencies, and Feedback• Feedback file contains up to 1,000 Rejections <p>CAIS Reporter Portal</p> <ul style="list-style-type: none">• Manual File Upload• Manual Submission• Submission Feedback• Inconsistencies Feedback• Nightly Inconsistencies Report <p>Full CAIS Certification opened on 2/1/2022</p>	<p>Ingestion</p> <ul style="list-style-type: none">• New DRIVERLICENSE Foreign TID Type• EIN Validation changed to format validation• Feedback file enhanced to include all Rejections feedback <p>CAIS Reporter Portal</p> <ul style="list-style-type: none">• FDID Reconciliation Report updated with Full CAIS information (count of CAT Customers and Version information)	<p>Ingestion</p> <ul style="list-style-type: none">• Remove OTHBKR and CP customerType values for Legal Entity Customer Records• Remove BROKERAGE and ADVISED values for accountType• Remove primeBrokerID and bankDepositoryID fields and add a new DVPCustodianID field

Industry Member Release Rollout – Full CAIS Production

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

Ingestion

- New Authorized Trader Names List on FDID record
- Increase *lastName* field length to 200 characters

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 – 6/26/2022
Production – 7/1/2022

Ingestion

- New OTHGOVT Foreign TID Type

Performance Enhancements

- CAIS file processing improvements

Minor Enhancements and Bug Fixes

Full CAIS Release 5
Industry Test – 9/12/2022
Production – 9/26/2022

Performance Enhancements

- CAIS file processing improvements

CAIS Report Card Release

Report Card

- Full CAIS Compliance begins with the January Report Card published on February 15th, 2023
- Compliance Rates distinguished for Correspondent data

Industry Member Release Rollout – Planned Future Enhancements

Industry Test – TBD
Production – TBD

- INACTIVE End Reason
- Automated Transfer Procedure
- Optimization of error feedback

Full CAIS Phase Statistics – August 15th – August 21st, 2022

Industry Test Environment							
	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
Number of Total Submitters	25	33	32	35	32	11	5
Number of Unique Firms	128	247	239	113	271	137	19
Number of Files Received	Total: 357 Reporter Portal: 43 SFTP: 314	Total: 1,517 Reporter Portal: 57 SFTP: 1,460	Total: 1,585 Reporter Portal: 51 SFTP: 1,534	Total: 527 Reporter Portal: 31 SFTP: 496	Total: 3,493 Reporter Portal: 12 SFTP: 3,481	Total: 835 Reporter Portal: 0 SFTP: 835	Total: 136 Reporter Portal: 0 SFTP: 136
Number of Files Rejected	166	41	24	54	168	13	0
File Reject Rate	46.50%	0.03%	0.02%	0.10%	0.05%	0.02%	0.00%

Full CAIS Phase Statistics – August 15th – August 21st, 2022

Industry Test Environment

	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
FDID Records Accepted	2,761,982	7,930,481	5,098,876	18,381,476	1,912,927	1,219,296	52,120
FDID Records Rejected	159,252	244,424	66,040	278,875	75,961	233,460	2,454
FDID Records Submitted	2,921,234	8,174,905	5,164,916	18,660,351	1,988,888	1,452,756	54,574
FDID Record Rejection Rate	5.45%	2.99%	1.28%	1.49%	3.82%	16.07%	4.50%

Full CAIS Phase Statistics – August 15th – August 21st, 2022

Industry Test Environment

	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
Customer Records Accepted	3,519,178	7,442,653	4,171,772	21,351,328	2,030,155	1,798,950	64,875
Customer Records Rejected	242,807	395,360	86,023	341,219	88,294	315,072	3,214
Customer Records Submitted	3,761,985	7,838,013	5,164,916	21,692,547	2,118,449	2,114,022	68,089
Customer Record Rejection Rate	6.45%	5.04%	2.02%	1.57%	4.17%	14.90%	4.72%

Full CAIS Phase Statistics – August 15th – August 21st, 2022

Production Environment

	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
Number of Total Submitters	16	17	18	18	16	0	0
Number of Unique Firms	16	18	18	18	16	0	0
Number of Files Received	Total: 120 Reporter Portal: 112 SFTP: 8	Total: 93 Reporter Portal: 84 SFTP: 9	Total: 107 Reporter Portal: 100 SFTP: 7	Total: 132 Reporter Portal: 123 SFTP: 9	Total: 120 Reporter Portal: 70 SFTP: 50	Total: 0 Reporter Portal: 0 SFTP: 0	Total: 0 Reporter Portal: 0 SFTP: 0
Number of Files Rejected	0	0	0	2	0	0	0
File Reject Rate	0.00%	0.00%	0.00%	1.52%	0.00%	0.00%	0.00%

Full CAIS Phase Statistics – August 15th – August 21st, 2022

Production Environment

	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
FDID Records Accepted	12,277	565,805	1,284	7,659	3,821,583	0	0
FDID Records Rejected	4	12	26	167	157	0	0
FDID Records Submitted	12,281	565,817	1,310	7,826	3,821,740	0	0
FDID Record Rejection Rate	0.03%	0.00%	1.98%	2.13%	0.00%	0.00%	0.00%

Full CAIS Phase Statistics – August 15th – August 21st, 2022

Production Environment

	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
Customer Records Accepted	12,208	565,740	1,216	7,363	3,821,294	0	0
Customer Records Rejected	5	22	26	109	209	0	0
Customer Records Submitted	12,213	565,762	1,242	7,472	3,821,503	0	0
Customer Record Rejection Rate	0.04%	0.00%	2.09%	1.46%	0.01%	0.00%	0.00%

Full CAIS Phase Rejection Observations

Rejection Source	Top Rejection Reasons
File	<ul style="list-style-type: none">• Invalid <i>correspondentCRD</i>• CAIS file not readable• Paired Identifiers file not received• Invalid CAIS file name
FDID	<ul style="list-style-type: none">• FDID rejected because associated Customer was rejected• Missing or invalid <i>DVPCustodianID</i>• No Customer association with trading capabilities• Duplicated <i>fdidRecordID</i>• Invalid format of Address Line
Customer	<ul style="list-style-type: none">• Customer rejected because an associated FDID was rejected• Malformed TID Record• Customer has open material inconsistency and <i>updateNotification</i> was not set as true• Missing or invalid <i>city</i>• Missing <i>addrLine1</i>

Open Issues, Planned Enhancements, and Specification Updates

CAT Full CAIS Open Issues List – As of 8/24/2022

Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1	Open	22041	Instances of CAIS Data feedback containing 22041 errors when the <i>customerRecordID</i> is present in the file on either a Natural Person or Legal Entity customer record, and the same <i>customerRecordID</i> has a malformed TID warning in the CAIS TIDS feedback. A 22048 error is expected instead of the 22041 error.	Code Release	Medium	Fix: 9/12/2022	Fix: 9/26/22	Data Validation
2	Updated - Open	N/A	Intermittent instances where feedback file versions are not correctly being generated for a submission. Final feedback is provided including all status transitions, however one or more feedback file versions contain duplicate status values. This issue also impacts LTID Phase (v1) reporting.	Code Release	Low	Fix: 9/12/2022	Fix: 9/26/22	Feedback Files
3	Open	N/A	Instances when an error occurs for a customer record where the same CAT customer is reported with multiple <i>customerRecordID</i> values, SFTP feedback will include only one of the <i>customerRecordIDs</i> . The portal feedback will include all <i>customerRecordIDs</i> related to the error.	Code Release	Medium	Fix: TBD	<p>Workaround: All affected <i>customerRecordIDs</i> are displayed within the CAIS Reporter Portal UI.</p> <p>Fix: TBD</p>	Feedback Files

CAT Full CAIS Open Issues List – As of 8/24/2022

Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
4	Open	N/A	Within the CAIS Reporter Portal Submission Report, counts of customer records repaired and outstanding are counted by TID rather than <i>customerRecordID</i> . Repaired and outstanding rejections counts may not match the count of records rejected.	Code Release	Low	Fix: No later than 9/12/22	Fix: No later than 9/26/22	Submission Report
5	Open	N/A	The 365-day grace period is currently only provided for 'IMPACTED' inconsistencies. This fix will apply the grace period to 'TRIGOTHER' inconsistencies as well.	Code Release	Medium	Fix: TBD	Workaround: Provide <i>updateNotification=true</i> for each affected Customer record. Fix: TBD	Inconsistencies
6	Open	N/A	The <i>customerRejectionEventID</i> attribute within the CAIS Data Feedback File is not present for rejections against customer records. However, this attribute is present within the CAIS Reporter Portal UI.	Code Release	Low	Fix: TBD	Fix: TBD	Feedback Files
7	Open	N/A	The Rejections and Inconsistencies pages may take longer than expected to load.	Code Release	High	Fix: TBD	Fix: TBD	Reporter Portal

CAT Full CAIS Open Issues List – As of 8/24/2022

Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
8	Open	N/A	Timestamps in the Nightly Inconsistencies Feedback File are in ISO format (e.g., 2022-08-01T23:29:29.971Z) instead of the Timestamp format prescribed in the CAIS Technical Specifications.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Inconsistencies
9	Open	N/A	The <i>reporterCRD</i> attribute within the Nightly Inconsistencies Feedback File is being output as a String data type instead of Unsigned.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Inconsistencies
10	Open	N/A	Instances of rejections and inconsistencies not being repaired due to database load backlog.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Error Repairs and Inconsistencies
11	Open	N/A	Duplicate rows are present in the downloaded file when downloading the Rejections table from the Reporter UI.	Code Release	Medium	Fix: TBD	Fix: TBD	Reporter UI
12	Open	22041, 22042, 22526	Incorrect error codes produced (22041, 22042) when a <i>customerRecordID</i> has an entry in the CAIS Data File but no entry in the TIDs File. 22526 is expected to be returned in this scenario.	Code Release	Medium	Fix: 9/12/22	Fix: 9/26/22	Feedback Files

CAT Full CAIS Open Issues List – As of 8/24/2022

Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
13	Open	N/A	Files containing more than 6 Million total records (FDIDs + CAT Customers) may not return feedback in the times specified within the Full CAIS Technical Specifications.	Code Release	Medium	Fix: TBD	Fix: TBD	Feedback Files
14	NEW – Open	N/A	In the event a correction or deletion within the <i>correctionList</i> is rejected, the <i>failedRejectionID</i> attribute is missing from the CAIS Data Feedback file.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Feedback Files
15	NEW – Open	N/A	The /reports directory is not being made available via SFTP in the Industry Test environment, and the FDID Version Report cannot be posted.	Code Release	Medium	Workaround: Access the FDID Version Report from within the CAIS Reporter Portal UI. Reports containing more than 200,000 FDIDs cannot be downloaded from the UI. Fix: 9/12/22	Fix: N/A	Reports
16	NEW – Open	22044	Intermittent instances of CAIS Data files resulting in an INCOMPLETE_PROCESSING_ERROR status when the file contains FDID records with associations to more than one customer, and at least one of the associations does not have a populated <i>roleStartDate</i> .	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Data Validation

CAT Full CAIS Open Issues List – As of 8/24/2022

Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
17	NEW – Open	23004, 23005, 22503, 22525	Instances of rejections being erroneously produced due to database ingest backlog.	Code Release	High	Fix: 9/12/22	Fix: 9/26/22	Error Repairs and Inconsistencies

CAT Full CAIS Recently Closed Issues List

As of 8/24/2022

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1								

CAT CAIS Planned Enhancements – Open

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production/Production Mirror Environments Targeted Release Date	Area
1	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: TBD	Manual Form Submission
2	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: TBD	Manual Form Submission
3	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: TBD	Reporter Portal

CAT CAIS Planned Enhancements – Recently Closed

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production/Production Mirror Environments Targeted Release Date	Area
1								

CAT CAIS-

Planned Full CAIS Phase Specification Updates

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date - Prod/Prod Mirror
1	Published	Add a new <i>fdidEndReason</i> 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 <i>fdidEndReason</i> of 'INACTIVE' populated and an <i>fdidEndDate</i> set on or before the date of the report.	3/9/2022	2.0r7	TBD	TBD
2	Open	Update the description of Error Code 22523 – Customer Record rejected because an associated FDID was rejected – to include that the Error Code is also returned in the event the Customer Record is not associated to at least one FDID within the submission file.	TBD	2.0r10	N/A	N/A
3	Open	Update the October 11, 2022 date in the description of the role value of 'AUTH3RD' to be consistent with revised FAQ T7. Specifically, Prior to January 16, 2023, this role may be used when the Industry Member itself has authority to place orders for the Account without prior approval of the account holder(s) and is not the holder of the account. Effective January 16, 2023, the role for the Industry Member must be reported as 'AUTHREP'.	TBD	2.0 r10	N/A	N/A
4	Open	Clarify the description of the customerType value of 'RIC' - Customer is a Registered Investment Company, as defined in the Investment Company Act of 1940 (15 U.S.C. § 80a-3(a)(1)), if maintained in the Industry Member's general customer and account records.	TBD	2.0 r10	N/A	N/A
5	Open	Update the definition of the sentinel file for the Nightly Inconsistencies scans to remove the .bz2 compression. The sentinel file does not contain any significant data and does not require the compression.	TBD	2.0r10	N/A	N/A
6	Open	Clarify that a total of 2,000 Customer Records can currently be associated with an FDID Record. Create additional Error Code for more granularity on this validation, currently feedback provided under Error Code 23999 (Unhandled Exception).	TBD	2.0r10	7/31/2022	8/8/2022
7	Open	Update the Table 17 and Table 18 entries for the file status of COMPLETED_FILE_TIMEOUT to include the status is also returned in the CAIS Data Feedback or TIDS Feedback files in the event the paired file is received but reaches a COMPLETED_INTEGRITY_ERROR state.	TBD	2.0r10	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/Prod Mirror
8	Open	Clarify that the nightly inconsistencies scan feedback for Material Inconsistencies where the Industry Member is Impacted by submissions of another Industry Member is provided to the Impacted Industry Member no later than 8AM ET each processing day.	TBD	2.0 r10	N/A	N/A
9	Open	Remove <i>submissionStatus</i> from Submission Inconsistencies Feedback File.	TBD	2.0 r10	TBD	TBD
10	Open	Remove error code 22066 (<i>roleStartDate</i> set prior to <i>fdidDate</i>).	TBD	2.0 r10	7/31/2022	8/8/2022
11	Open	Add warning code 24008 (Data Type Violation within <i>correctionList</i>) – present in LTID Specification but was not copied over to Full CAIS Specifications.	TBD	2.0 r10	N/A	N/A

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

General Announcements and Reminders

FINRA CAT Announcements and Reminders

- CAT CAIS Checkpoint Calls are being held weekly. The next call will be on August 31st.
- 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.

Appendix A: Industry CAT CAIS LTID Release Update

CAIS LTID Phase Statistics – August 15th – August 21st, 2022

Production Environment							
	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
Number of Total Submitters	43	59	56	57	58	16	4
Number of Unique Firms	245	554	496	484	513	302	4
Number of Files Received	Total: 296 Reporter Portal: 34 SFTP: 262	Total: 1,041 Portal: 41 SFTP: 1,000	Total: 993 Portal: 42 SFTP: 951	Total: 995 Reporter Portal: 53 SFTP: 942	Total: 1,035 Reporter Portal: 73 SFTP: 962	Total: 718 Reporter Portal: 0 SFTP: 718	Total: 6 Reporter Portal: 0 SFTP: 6
Number of Files Rejected	2	4	3	4	4	2	0
File Reject Rate	0.68%	0.38%	0.30%	0.40%	0.39%	0.28%	0.00%

CAIS LTID Phase Statistics – August 15th – August 21st, 2022

Production Environment

	Monday, 8/15	Tuesday, 8/16	Wednesday, 8/17	Thursday, 8/18	Friday, 8/19	Saturday, 8/20	Sunday, 8/21
Records Accepted	337,024	1,008,431	1,140,127	1,183,544	961,914	525,025	517
Records Rejected	9	118	86	73,824	226	131	0
Records Submitted	337,033	1,008,549	1,140,213	1,257,368	962,140	525,156	517
Record Rejection Rate	0.00%	0.01%	0.01%	5.87%	0.02%	0.02%	0.00%

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 <i>correctionAction</i> message	TBD	V1.2.3