
Industry CAT CAIS Release Status

September 7th, 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 <i>customerType</i> values for Legal Entity Customer Records• Remove BROKERAGE and ADVISED values for <i>accountType</i>• Remove <i>primeBrokerID</i> and <i>bankDepositoryID</i> fields and add a new <i>DVPCustodianID</i> 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 – 9/19/2022
Production – 10/3/2022

Performance Enhancements

- CAIS file processing improvements

Minor Enhancements and Bug Fixes

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 29th – September 4th, 2022

Industry Test Environment							
	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
Number of Total Submitters	23	23	23	24	25	7	4
Number of Unique Firms	81	270	240	120	260	161	4
Number of Files Received	Total: 215 Reporter Portal: 28 SFTP: 187	Total: 1,402 Reporter Portal: 20 SFTP: 1,382	Total: 1,407 Reporter Portal: 117 SFTP: 1,290	Total: 265 Reporter Portal: 9 SFTP: 256	Total: 3,522 Reporter Portal: 12 SFTP: 3,510	Total: 1,769 Reporter Portal: 0 SFTP: 1,769	Total: 4 Reporter Portal: 1 SFTP: 3
Number of Files Rejected	58	46	47	24	73	6	0
File Reject Rate	26.98%	3.28%	3.34%	9.06%	2.07%	0.34%	0.00%

Full CAIS Phase Statistics – August 29th – September 4th, 2022

Industry Test Environment

	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
FDID Records Accepted	397,142	2,024,629	2,048,569	1,443,866	2,333,163	738,012	39,317
FDID Records Rejected	208,120	301,045	33,974	417,502	72,413	8,379	701
FDID Records Submitted	605,262	2,325,674	2,082,543	1,861,368	2,405,576	746,391	40,018
FDID Record Rejection Rate	34.39%	12.94%	1.63%	22.43%	3.01%	1.12%	1.75%

Full CAIS Phase Statistics – August 29th – September 4th, 2022

Industry Test Environment

	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
Customer Records Accepted	327,011	2,844,362	2,489,112	1,794,259	2,564,521	955,749	85,406
Customer Records Rejected	187,634	541,944	31,334	646,931	90,539	9,476	795
Customer Records Submitted	514,645	3,386,306	2,520,446	2,441,190	2,655,060	965,225	86,201
Customer Record Rejection Rate	36.46%	16.00%	1.24%	26.50%	3.41%	0.98%	0.92%

Full CAIS Phase Statistics – August 29th – September 4th, 2022

Production Environment

	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
Number of Total Submitters	34	35	42	38	39	7	3
Number of Unique Firms	44	37	44	40	41	7	3
Number of Files Received	Total: 344 Reporter Portal: 160 SFTP: 184	Total: 3,092 Reporter Portal: 182 SFTP: 2,910	Total: 236 Reporter Portal: 88 SFTP: 148	Total: 243 Reporter Portal: 138 SFTP: 105	Total: 159 Reporter Portal: 79 SFTP: 80	Total: 11 Reporter Portal: 0 SFTP: 11	Total: 22 Reporter Portal: 20 SFTP: 2
Number of Files Rejected	7	6	7	3	8	0	0
File Reject Rate	2.03%	0.19%	2.95%	1.23%	5.03%	0.00%	0.00%

Full CAIS Phase Statistics – August 29th – September 4th, 2022

Production Environment

	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
FDID Records Accepted	5,110,256	6,154,111	527,592	1,538,241	591,590	13,330	40,038
FDID Records Rejected	153,530	84,661	13,390	1,387,281	187,546	814	0
FDID Records Submitted	5,263,786	6,238,772	540,982	2,925,522	779,136	14,144	40,038
FDID Record Rejection Rate	2.92%	1.36%	2.48%	47.42%	24.07%	5.76%	0.00%

Full CAIS Phase Statistics – August 29th – September 4th, 2022

Production Environment

	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
Customer Records Accepted	7,296,356	9,481,780	436,767	1,771,293	727,601	12,829	86,221
Customer Records Rejected	151,480	67,304	21,603	1,803,330	244,058	1,336	0
Customer Records Submitted	7,447,836	9,549,084	458,370	3,574,623	971,659	14,165	86,221
Customer Record Rejection Rate	2.03%	0.70%	4.71%	50.45%	25.12%	9.43%	0.00%

Full CAIS Phase Rejection Observations

Rejection Source	Top Rejection Reasons
File	<ul style="list-style-type: none">• Paired Identifiers file not received• Missing or invalid CAT Reporter CRD• Duplicate file• Missing or invalid file <i>version</i>• Missing or invalid Legal Entity Customer record count
FDID	<ul style="list-style-type: none">• FDID rejected because associated Customer was rejected• No Customer association with trading capabilities• Data type violation• Multiple active roles for Customer within <i>fdidCustomerList</i>• Missing ADDRESS1 type Address Record
Customer	<ul style="list-style-type: none">• Customer rejected because an associated FDID was rejected• Malformed TID record• Missing or invalid format of <i>yearOfBirth</i>• Data type violation• Customer has an open material inconsistency and <i>updateNotification</i> was not set as true

Open Issues, Planned Enhancements, and Specification Updates

CAT Full CAIS Open Issues List – As of 9/7/2022

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	Updated - 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: 9/19/2022	Fix: 10/3/22	Data Validation
2	Updated - Open	N/A	Intermittent instances where feedback file versions are not correctly being generated for a submission. This issue may impact any version of both CAIS Data and TIDs feedback files. This issue also impacts LTID Phase (v1) reporting.	Code Release	Medium	Fix: 9/19/2022	Fix: 10/3/22	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	Workaround: All affected <i>customerRecordIDs</i> are displayed within the CAIS Reporter Portal UI. Fix: TBD	Feedback Files

CAT Full CAIS Open Issues List – As of 9/7/2022

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	Updated - 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: 9/19/22	Fix: 10/3/22	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	Fix: TBD	Inconsistencies
6	Updated - Open	N/A	The <i>customerRejectionEventID</i> conditional attribute within the CAIS Data Feedback File is not present for rejections against customer records.	Code Release	Low	Fix: TBD	Fix: TBD	Feedback Files
7	Updated - Open	N/A	High volumes of Rejections and Inconsistencies may result in a time-out on the UI before being displayed to the user. Limiting the number of Rejections and Inconsistencies available in the UI is under analysis.	Code Release	High	Fix: TBD	Fix: TBD	Reporter Portal

CAT Full CAIS Open Issues List – As of 9/7/2022

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	Updated - 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: 9/19/22	Fix: 10/3/22	Inconsistencies
9	Updated - 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: 9/19/22	Fix: 10/3/22	Inconsistencies
10	Updated - Open	N/A	Instances of rejections and inconsistencies not being repaired due to database load backlog.	Code Release	High	Fix: 9/19/22	Fix: 10/3/22	Error Repairs and Inconsistencies
11	Updated - Open	N/A	Duplicate rows are present in the downloaded file when downloading the Rejections table from the Reporter UI.	Code Release	Low	Fix: TBD	Fix: TBD	Reporter UI
12	Updated - 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: 9/19/22	Fix: 10/3/22	Feedback Files

CAT Full CAIS Open Issues List – As of 9/7/2022

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	Updated - 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: 9/19/22	Fix: 10/3/22	Feedback Files
15	Updated - 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: 9/19/22	Fix: N/A	Reports
16	Updated - Open	22044	Intermittent instances of CAIS Data files resulting in an INCOMPLETE_PROCESSING_FAILURE 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: 9/19/22	Fix: 10/3/22	Data Validation

CAT Full CAIS Open Issues List – As of 9/7/2022

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	Updated - Open	23004, 23005, 22503, 22525	Instances of rejections being erroneously produced due to database ingest backlog.	Code Release	High	Fix: 9/19/22	Fix: 10/3/22	Error Repairs and Inconsistencies
18	Updated - Open	N/A	Unable to retrieve the FDID Reconciliation Report.	Code Release	Medium	Fix: 9/19/22	Fix: 10/3/22	Reports
19	Open	N/A	Intermittent instances where the CAIS data feedback file does not include all the feedback stages in <i>statusHistory</i> .	Code Release	Medium	Fix: TBD	Fix: TBD	Feedback Files
20	NEW-Open	30002, 30003, 30004	Nightly inconsistencies feedback is not being generated in the Test and Production Environments. As a result of this issue firms are not able to access the inconsistency feedback SFTP folders.	Code Release	High	Fix: 9/19/22	Fix: 10/3/22	Inconsistencies Feedback Files

CAT Full CAIS Recently Closed Issues List

As of 9/7/2022

#	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
4	Updated - Open	N/A	For both TRIG-SELF and TRIG-OTHER inconsistencies, the <i>materialInconsistencies</i> count within the Submission Inconsistencies Feedback File is 1 (e.g., "30003:1"). The count will be updated to 0 for TRIG-SELF inconsistencies and 1+ for TRIG-OTHER inconsistencies.	Code Release	Low	Fix: 9/19/22	Fix: 10/3/22	Feedback Files

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	2.0 r7	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	2.0 r10	N/A	N/A
3	Updated - Open	Update the October 11, 2022 date in the description of the <i>role</i> value of 'AUTH3RD' to be consistent with revised FAQ T7. Specifically, prior to June 12, 2023, this <i>role</i> 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 June 12, 2023, the <i>role</i> for the Industry Member must be reported as 'AUTHREP'.	TBD	2.0 r10	N/A	N/A
4	Open	Clarify the description of the <i>customerType</i> 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	2.0r 10	N/A	N/A
6	Open	Clarify that a total of 2,000 Customer Records can currently be associated with an FDID Record. Create an additional Error Code for more granularity on this validation, currently feedback provided under Error Code 23999 (Unhandled Exception).	TBD	2.0 r10	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	2.0r 10	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
12	Open	Reduce the maximum SFTP file size limit from 100GB to a lower, TBD amount.	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 September 14, 2022 at 4:15 pm ET.
- 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 29th – September 4th, 2022

Production Environment							
	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
Number of Total Submitters	32	43	45	42	36	11	1
Number of Unique Firms	229	472	473	466	464	234	1
Number of Files Received	Total: 305 Reporter Portal: 52 SFTP: 253	Total: 1,004 Reporter Portal: 12 SFTP: 992	Total: 960 Reporter Portal: 39 SFTP: 921	Total: 925 Reporter Portal: 7 SFTP: 918	Total: 925 Reporter Portal: 3 SFTP: 922	Total: 621 Reporter Portal: 0 SFTP: 621	Total: 1 Reporter Portal: 0 SFTP: 1
Number of Files Rejected	13	14	14	14	10	0	0
File Reject Rate	4.26%	1.39%	1.46%	1.51%	1.08%	0.00%	0.00%

CAIS LTID Phase Statistics – August 29th – September 4th, 2022

Production Environment

	Monday, 8/29	Tuesday, 8/30	Wednesday, 8/31	Thursday, 9/1	Friday, 9/2	Saturday, 9/3	Sunday, 9/4
Records Accepted	105,686	656,440	628,237	434,353	629,176	307,321	0
Records Rejected	134	48,998	48,170	33,996	41,071	303	0
Records Submitted	105,820	705,438	676,407	468,349	670,247	307,624	0
Record Rejection Rate	0.13%	6.95%	7.12%	7.26%	6.13%	0.10%	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