Industry CAT CAIS Release Status

May 4th, 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 – April 25th – May 1st, 2022

Production Environment							
	Monday, 4/25	**Tuesday, 4/26**	**Wednesday, 4/27**	**Thursday, 4/28**	**Friday, 4/29**	**Saturday, 4/30**	**Sunday, 5/1**
Number of Total Submitters	50	67	60	62	65	16	6
Number of Unique Firms	383	413	515	515	478	275	7
Number of Files Received	Total: 429 Reporter Portal: 1 SFTP: 428	Total: 812 Reporter Portal: 48 SFTP: 764	Total: 922 Reporter Portal: 19 SFTP: 903	Total: 913 Reporter Portal: 21 SFTP: 891	Total: 872 Reporter Portal: 46 SFTP: 826	Total: 590 Reporter Portal: 0 SFTP: 590	Total: 7 Reporter Portal: 0 SFTP: 7
Number of Files Rejected	2	13	3	3	3	2	0
File Reject Rate	0.47%	1.60%	0.33%	0.33%	0.34%	0.34%	0.00%

CAIS LTID Phase Statistics – April 25th – May 1st, 2022

Production Environment							
	Monday, 4/25	**Tuesday, 4/26**	**Wednesday, 4/27**	**Thursday, 4/28**	**Friday, 4/29**	**Saturday, 4/30**	**Sunday, 5/1**
Records Accepted	310,197	636,637	831,494	885,842	718,892	352,499	61,946
Records Rejected	113	47	75	57	36	3	10
Records Submitted	310,310	636,684	831,569	885,899	718,928	352,501	61,956
Record Rejection Rate	0.04%	0.01%	0.01%	0.01%	0.01%	0.09%	0.02%

CAT CAIS LTID Open Issues List – As of 5/2/2022
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	NEW – Open	N/A	LTID Phase files containing more than 120,000 records are not completing processing when the *fdidRecordCount* field is placed in the file after the *fdidList* multi-dimension array.	Code Release	High	**Fix:** 5/1/2022	**Fix:** 5/4/2022	Data Validation

CAT CAIS LTID Recently Closed Issues List – As of 5/2/2022

#	Status	Error Code	Issue Summary	Resolution	Priority	Test Environment Release Date	Production Environment Release Date	Area Affected
1	Closed	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. Deployed 3/27/2022	Deployed 4/24/2022	Submission Feedback

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
- 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 and ADVISED values for accountType
- Remove primeBrokerID and bankDepositoryID fields and add a new DVPCustodianID field

Industry Member Release Rollout – 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 3b
Industry Test – 6/13/2022
Production – 6/27/2022

Ingestion
- New OTHGOVT Foreign TID Type

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 – April 25th – May 1st, 2022

Industry Test Environment							
	Monday, 4/25	Tuesday, 4/26	Wednesday, 4/27	Thursday, 4/28	Friday, 4/29	Saturday, 4/30	Sunday, 5/1
Number of Total Submitters	14	17	19	12	19	3	7
Number of Unique Firms	74	130	82	64	142	176	65
Number of Files Received	254	738	300	1,275	654	619	514
Number of Files Rejected	75	492	57	101	282	408	376
File Reject Rate	29.53%	66.67%	19.00%	7.92%	31.73%	65.91%	73.15%

Full CAIS Phase Statistics – April 25th – May 1st, 2022

Industry Test Environment							
	Monday, 4/25	Tuesday, 4/26	Wednesday, 4/27	Thursday, 4/28	Friday, 4/29	Saturday, 4/30	Sunday, 5/1
FDID Records Accepted	86,105	94,729	9,447	30,249	13,350	28,375	127,187
FDID Records Rejected	3,495	113,713	13,515	74,495	171,102	115,138	922,066
FDID Records Submitted	89,600	208,442	22,962	104,744	184,452	143,513	1,049,253
FDID Record Rejection Rate	3.90%	54.55%	58.86%	71.12%	92.76%	80.23%	87.88%

Full CAIS Phase Statistics – April 25th – May 1st, 2022

Industry Test Environment							
	Monday, 4/25	Tuesday, 4/26	Wednesday, 4/27	Thursday, 4/28	Friday, 4/29	Saturday, 4/30	Sunday, 5/1
Customer Records Accepted	16,041	106,864	11,473	34,470	17,499	35,253	155,340
Customer Records Rejected	3,557	182,081	20,091	29,032	156,304	224,198	149,306
Customer Records Submitted	19,598	288,945	31,564	63,502	173,803	259,451	304,646
Customer Record Rejection Rate	18.15%	63.02%	63.65%	45.72%	89.93%	86.41%	49.01%

Full CAIS Phase Testing Observations

Rejection Source	Top Rejection Reasons
File	• Duplicated File Name • Missing or Invalid CAT Reporter CRD • Paired Identifiers File Not Received
FDID	• Duplicated FDID • Missing or invalid *accountType* • Missing ADDRESS1 record • Missing or invalid *accountName* • Missing *fdidCustomerList* • Missing *hasDiscretion*
Customer	• Customer rejected because FDID was rejected • Malformed TID • *customerRecordID* not present in Identifiers file • Missing *yearOfBirth* or invalid format • Legal Entity CAT Customer reported with an SSN/ITIN

Planned Enhancements and Specification Updates

CAT Full CAIS Open Issues List – As of 5/2/2022
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:** 5/25/2022	**Fix:** 6/13/2022	Manual Form Submission
2	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:** 5/25/2022	**Fix:** 6/13/2022	Reporter Portal
3	Open	N/A	Count of FDIDs or CAT Customers processed do not match the count of FDIDs or CAT Customers in the submission file when multiple records are rejected for a malformed or duplicated FDID, or malformed TID. The multiple rejection instances are counted as a single processed record and rejection, resulting in a lower count of processed records than were in the submission file.	Code Release	Medium	**Fix:** 5/25/2022	**Fix:** 6/13/2022	Data Validation
4	UPDATED – Open	N/A	Intermittent instances of CAIS Data files remaining in a FILE_INTEGRITY_PASSED status for an extended time and not completing processing, when a large number of FDID records within a single file each have a large number of data validation errors.	Code Release	High	**Workaround:** If the file remains in FILE_INTEGRITY_PASSED for more than 2 hours, then contact the FINRA CAT Helpdesk for further assistance. **Fix:** 5/1/2022	**Fix:** 5/4/2022	Data Validation

CAT Full CAIS Open Issues List – As of 5/2/2022
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
5	Open	N/A	Data file submissions intermittently display on the Reporter portal as in progress and completed simultaneously.	Code Release	Low	**Fix:** 5/25/2022	**Fix:** 6/13/2022	Reporter Portal
6	UPDATED – Open	N/A	Intermittent instances of CAIS Data files remaining in a RECORD_SCAN_COMPLETED status for an extended time and not completing processing, when the file contains FDID records that have been previously accepted in to CAIS with a common Customer that has associations to a significant number of FDIDs (1000+), and the new submission file implicitly ends associations to the previously associated Customer.	Code Release	High	**Workaround:** If the file remains in RECORD_SCAN_COMPLETED for more than 4 hours, then contact the FINRA CAT Helpdesk for further assistance. **Fix:** 5/1/2022	**Fix:** 5/4/2022	Data Ingestion
7	NEW – Open	22044	Intermittent instances of CAIS Data files remaining in a FILE_INTEGRITY_PASSED status for an extended time and not completing processing, 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 *roleStartDate*.	Code Release	High	**Fix:** No later than 5/25/2022	**Fix:** No later than 6/13/2022	Data Ingestion

CAT Full CAIS Recently Closed Issues List
As of 5/2/2022

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
1	NEW – Closed	N/A	The CAIS Test environment experienced degraded performance late last week, resulting in intermittent inability to access the system and increasing the backlog of files requiring processing.	Configuration Changes	High	**Fix:** 5/1/2022	N/A	Environment Access, Data Processing

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	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
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:** 7/11/2022	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:** 7/11/2022	Reporter Portal
4	Open	N/A	Update SFTP feedback file to include "CANCELLED_BY_SUPPORT" status.	Code Release	Medium	**Fix:** 5/25/2022	**Fix:** 6/13/2022	Reporter Portal

CAT CAIS Planned Enhancements – Recently Closed

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted 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 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.	3/9/2022	2.0r7	8/28/2022	9/11/2022
2	Published	Add an additional *foreignTIDType* value of an other government assigned identifier ("OTHGOVT") that is known to have been assigned by a non-national level government entity, such as a local government entity. The OTHGOVT *foreignTIDType* will be added as the last entry in the Foreign TID Type hierarchy, after "DRIVERLICENSE," and will be usable for both Natural Person and Legal Entity CAT Customers.	4/8/2022	2.0r8	6/13/2022	6/27/2022
3	Published	Add a multi-dimensional array on the FDID, called *authTraderNamesList*, for reporting of Natural Person Authorized Traders where an Industry Member has not historically collected and systematized all data required to report the trader as a Natural Person CAT Customer, and will not be able to collect and systematize the data by July 11, 2022. The Authorized Trader Names List must only include Natural Person Authorized Traders, where the IM does not have all data required to report the Authorized Trader as a full CAT Customer record	4/8/2022	2.0r8	5/25/2022	6/13/2022
4	NEW – 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

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

General Announcements and Reminders

Full CAIS Phase Reporting Certification

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

➢ Full CAIS Phase Certification due June 21, 2022.

➢ 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 enable submission of Full CAIS Phase files in the CAIS Production environment. LTID Phase files may still be submitted with the existing Prod entitlement.

FINRA CAT Announcements and Reminders

➤ CAT CAIS Checkpoint Calls to be held every other Wednesday at 4:15 E.T. – the next call will be scheduled for Wednesday, May 18, 2022

➤ CAT CAIS Checkpoint Calls will be held weekly beginning in June

➤ 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.