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# Industry CAT CAIS Release Status

August 17<sup>th</sup>, 2022

# Agenda

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

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# Industry CAT Full CAIS Release Update

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

# Industry Member Release Rollout – Full CAIS Production

Full CAIS Release 3a Industry Test – 5/25/2022 Production – 6/13/2022	Full CAIS Release 4 Industry Test – 6/26/2022 Production – 7/1/2022	Full CAIS Release 5 Industry Test – 9/12/2022 Production – 9/26/2022	CAIS Report Card Release
<p><b>Ingestion</b></p> <ul style="list-style-type: none"><li>• New Authorized Trader Names List on FDID record</li><li>• Increase <i>lastName</i> field length to 200 characters</li></ul> <p><b>Reports</b></p> <ul style="list-style-type: none"><li>• FDID Version Report posted to SFTP weekly, containing active LTID Phase FDIDs not updated to Full CAIS Phase</li></ul> <p><b>CAIS Reporter Portal</b></p> <ul style="list-style-type: none"><li>• FDID Version Report available on-demand, containing active LTID Phase FDIDs not updated to Full CAIS Phase</li></ul>	<p><b>Ingestion</b></p> <ul style="list-style-type: none"><li>• New OTHGOVT Foreign TID Type</li></ul> <p><b>Performance Enhancements</b></p> <ul style="list-style-type: none"><li>• CAIS file processing improvements</li></ul> <p><b>Minor Enhancements and Bug Fixes</b></p>	<p><b>Performance Enhancements</b></p> <ul style="list-style-type: none"><li>• CAIS file processing improvements</li></ul>	<p><b>Report Card</b></p> <ul style="list-style-type: none"><li>• Full CAIS Compliance begins with the January Report Card published on February 15th, 2023</li><li>• Compliance Rates distinguished for Correspondent data</li></ul>

# Industry Member Release Rollout – Planned Future Enhancements

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Industry Test – TBD  
Production – TBD

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

# Full CAIS Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

Industry Test Environment							
	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
Number of Total Submitters	31	28	33	34	29	11	2
Number of Unique Firms	100	52	266	213	289	150	2
Number of Files Received	Total: 283 Reporter Portal: 65 SFTP: 218	Total: 219 Reporter Portal: 49 SFTP: 170	Total: 3,698 Reporter Portal: 42 SFTP: 3,656	Total: 1,908 Reporter Portal: 35 SFTP: 1,873	Total: 1,685 Reporter Portal: 1,655 SFTP: 30	Total: 1,043 Reporter Portal: 0 SFTP: 1,043	Total: 2 Reporter Portal: 0 SFTP: 2
Number of Files Rejected	6	8	14	27	105	6	2
File Reject Rate	2.12%	3.65%	0.38%	1.42%	0.03%	0.01%	0.00%

# Full CAIS Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

## Industry Test Environment

	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
FDID Records Accepted	310,338	1,258,353	6,866,687	10,744,610	1,803,987	380,146	0
FDID Records Rejected	103,094	11,378,753	278,592	742,726	784,095	11,710	0
FDID Records Submitted	413,432	12,637,106	7,145,279	11,487,336	2,588,082	391,856	0
FDID Record Rejection Rate	24.94%	90.04%	3.90%	6.47%	30.30%	2.99%	0.00%

# Full CAIS Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

## Industry Test Environment

	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
Customer Records Accepted	261,967	1,370,027	7,253,055	13,368,393	2,131,229	469,132	0
Customer Records Rejected	104,740	12,266,160	381,290	1,139,608	929,233	14,789	0
Customer Records Submitted	366,707	13,636,187	7,634,345	14,508,001	3,060,462	483,921	0
Customer Record Rejection Rate	28.56%	89.95%	4.99%	7.86%	30.36%	3.01%	0.00%



# Full CAIS Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

## Production Environment

	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
FDID Records Accepted	1,197	1,210	1,240	1,183	1,886	18	0
FDID Records Rejected	4	2	1	0	0	0	0
FDID Records Submitted	1,201	1,212	1,241	1,183	1,886	18	0
FDID Record Rejection Rate	0.33%	0.17%	0.08%	0.00%	0.00%	0.00%	0.00%

# Full CAIS Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

## Production Environment

	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
Customer Records Accepted	1,129	1,142	1,172	1,115	1,797	18	0
Customer Records Rejected	6	3	1	0	0	0	0
Customer Records Submitted	1,135	1,145	1,173	1,115	1,797	18	0
Customer Record Rejection Rate	0.53%	0.26%	0.09%	0.00%	0.00%	0.00%	0.00%

# Full CAIS Phase Rejection Observations

Rejection Source	Top Rejection Reasons
File	<ul style="list-style-type: none"><li>•Invalid <i>correspondentCRD</i></li><li>•Paired Identifiers file not received</li><li>•Duplicate file</li><li>•CAIS file not readable</li><li>•Missing or invalid Legal Entity customer record count</li></ul>
FDID	<ul style="list-style-type: none"><li>•No customer association with trading capabilities</li><li>•FDID rejected because an associated customer record was rejected</li><li>•Missing or invalid <i>DVPCustodianID</i></li><li>•Missing ADDRESS1 type address record</li><li>•Multiple active roles for customer within <i>fdidCustomerList</i></li></ul>
Customer	<ul style="list-style-type: none"><li>•Customer rejected because an associated FDID was rejected</li><li>•Legal Entity customer reported with improper <i>tidType</i></li><li>•Multiple instances of customer with differing data</li><li>•Malformed TID record</li></ul>

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# Open Issues, Planned Enhancements, and Specification Updates

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# CAT Full CAIS Open Issues List – As of 8/17/2022

## 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	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	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.	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	<b>Workaround:</b> All affected <i>customerRecordIDs</i> are displayed within the CAIS Reporter Portal UI. Fix: TBD	Feedback Files

\*\*\* The Known Issues List is published on [www.catnmsplan.com](http://www.catnmsplan.com) under “Industry Member Specifications” \*\*\*

# CAT Full CAIS Open Issues List – As of 8/17/2022

## Release Planned/Workaround Provided

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

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# CAT Full CAIS Open Issues List – As of 8/17/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
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: No later than 9/12/22	Fix: No later than 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: No later than 9/12/22	Fix: No later than 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

\*\*\* The Known Issues List is published on [www.catnmsplan.com](http://www.catnmsplan.com) under “Industry Member Specifications” \*\*\*

# CAT Full CAIS Open Issues List – As of 8/17/2022

## Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
13	NEW – 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

\*\*\* The Known Issues List is published on [www.catnmsplan.com](http://www.catnmsplan.com) under “Industry Member Specifications” \*\*\*

# CAT Full CAIS Recently Closed Issues List As of 8/17/2022

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area Affected
1	Closed	N/A	Intermittent instances where not all TIDs feedback file versions are being generated for a submission. Final feedback is provided including all status transitions, however one or more feedback file versions are missing.	Code Release	Medium	Fix: Deployed 7/31/22	Fix: Deployed 8/13/22	Data Validation
2	Closed	N/A	Large files containing over 15 million records failed to complete processing.	Code Release	High	Fix: Deployed 7/31/22	Fix: Deployed 8/13/22	Validation
3	Closed	22042	A single customer cannot currently have a new role which starts on the same date that a previous role was ended.	Code Release	High	Fix: Deployed 7/31/22	Fix: Deployed 8/13/22	Validation
4	Closed	N/A	The <i>inconsistencyEventID</i> attribute within the Submission Inconsistencies Feedback File is not present for any inconsistency. However, this attribute is present within the CAIS Reporter Portal UI.	Code Release	High	Fix: Deployed 8/11/22	Fix: Deployed 8/13/22	Feedback Files
5	Closed	N/A	Files containing <i>postalCode</i> values that are not set as string data types do not result in the record being rejected but instead transition to an Incomplete Processing Failure status.	Code Release	High	Fix: Deployed 8/11/22	Fix: Deployed 8/13/22	Validation

\*\*\* The Known Issues List is published on [www.catnmsplan.com](http://www.catnmsplan.com) under "Industry Member Specifications" \*\*\*

## 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: 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	<b>Workaround:</b> 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 Environment Targeted Release Date	Area
1	Closed	23999	Increase the current 100 Customer Record limit on number of CAT Customers that can be associated with an FDID Record. The increased limit will allow 2,000 Customer Records to be associated to the FDID.	Code Release	High	Fix: Deployed 7/31/2022	Fix: Deployed 8/13/2022	Data Validation

# 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 <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
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 Specification	TBD	2.0 r10	N/A	N/A

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

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# General Announcements and Reminders

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# FINRA CAT Announcements and Reminders

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- CAT CAIS Checkpoint Calls are being held weekly. The next call will be on August 24<sup>th</sup>.
- Connectivity Guides, Reporting Scenarios, Use Cases, and updated FAQs available at [catnmsplan.com](http://catnmsplan.com)

# FINRA CAT Helpdesk

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Questions may be directed to the FINRA CAT Helpdesk at 888-696-3348 or [help@finracat.com](mailto:help@finracat.com)

# How to Ask a Question during Today's Call

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- **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.

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**Appendix A:**  
**Industry CAT CAIS LTID Release Update**

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# CAIS LTID Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

## Production Environment

	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
Number of Total Submitters	47	56	60	59	54	20	4
Number of Unique Firms	245	542	580	582	527	385	51
Number of Files Received	Total: 289 Reporter Portal: 31 SFTP: 258	Total: 1,071 Portal: 65 SFTP: 1,011	Total: 1,162 Portal: 140 SFTP: 1,022	Total: 1,111 Reporter Portal: 80 SFTP: 1,031	Total: 974 Reporter Portal: 16 SFTP: 958	Total: 778 Reporter Portal: 0 SFTP: 778	Total: 10 Reporter Portal: 5 SFTP: 5
Number of Files Rejected	0	0	0	0	3	8	0
File Reject Rate	0.00%	0.00%	0.00%	0.00%	0.31%	1.02%	0.00%

# CAIS LTID Phase Statistics – August 8<sup>th</sup> – August 14<sup>th</sup>, 2022

## Production Environment

	Monday, 8/8	Tuesday, 8/9	Wednesday, 8/10	Thursday, 8/11	Friday, 8/12	Saturday, 8/13	Sunday, 8/14
Records Accepted	329,883	1,658,435	1,178,113	1,004,008	1,083,909	783,044	618
Records Rejected	12	154	24	36	31	67	0
Records Submitted	329,895	1,658,589	1,178,137	1,004,044	1,083,940	783,111	618
Record Rejection Rate	0.00%	0.01%	0.00%	0.00%	0.00%	0.01%	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