Industry CAT CAIS Release Status

February 22, 2023

Agenda

- Open Issues
- Planned Enhancements
- Specification Updates
- General Announcements & Reminders
- Q&A
- Appendix

Industry CAT Full CAIS Release Update

Industry Member Release Rollout

CAIS Report Card Release

Report Card

- The first Full CAIS Report Card will be published for the first full month following the Full CAIS Compliance Go-Live date.
- Compliance Rates distinguished for Correspondent data

Planned Future Enhancements

- INACTIVE End Reason will be made available prior to the periodic Customer & Account Information refresh
- Automated Transfer Procedure
- Optimization of error feedback
- Validate that correspondentCRD is a different identifier than the catReporterCRD

	Production Environment												
	Monday, 2/13	Tuesday, 2/14	Wednesday, 2/15	Thursday, 2/16	Friday, 2/17	Saturday, 2/18	Sunday, 2/19						
Number of Total Submitters	60	69	67	70	68	21	5						
Number of Unique Firms	415	834	851	876	844	530	6						
Number of Files Received	Total: 1,366 Reporter Portal: 30 SFTP: 1,336	Total: 2,142 Reporter Portal: 16 SFTP: 2,126	Total: 2,292 Reporter Portal: 15 SFTP: 2,277	Total: 2,269 Reporter Portal: 14 SFTP: 2,255	Total: 2,171 Reporter Portal: 18 SFTP: 2,153	Total: 1,532 Reporter Portal: 0 SFTP: 1,532	Total: 12 Reporter Portal: 1 SFTP: 11						
Number of Files Rejected	35	38	37	50	32	16	0						
File Reject Rate	2.56%	1.77%	1.61%	2.20%	1.47%	1.04%	0.00%						

	Production Environment												
	Monday, 2/13	Tuesday, 2/14	Wednesday, 2/15	Thursday, 2/16	Friday, 2/17	Saturday, 2/18	Sunday, 2/19						
FDID Records Accepted	37,443,076	2,613,852	2,052,793	1,889,013	2,035,591	3,072,394	68,487						
FDID Records Rejected	1,684,200	164,454	184,340	172,218	193,650	321,917	472						
FDID Records Submitted	39,127,276	2,778,306	2,237,133	2,061,231	2,229,241	3,394,311	68,959						
FDID Record Rejection Rate	4.30%	5.92%	8.24%	8.36%	8.69%	9.48%	0.69%						

	Production Environment											
	Monday, 2/13	Tuesday, 2/14	Wednesday, 2/15	Thursday, 2/16	Friday, 2/17	Saturday, 2/18	Sunday, 2/19					
Customer Records Accepted	47,173,100	2,348,066	1,956,079	1,755,333	1,915,043	3,774,169	71,378					
Customer Records Rejected	2,170,397 192,795	227,552	207,525	07,525 242,518	370,975	68						
Customer Records Submitted	49,343,497	2,540,861	2,183,631	1,962,858	2,157,561	4,145,144	71,446					
Customer Record Rejection Rate	4.40%	7.59%	10.42%	10.57%	11.24%	8.95%	0.10%					

Full CAIS Phase Rejection Observations

Rejection Source	Top Rejection Reasons
File	 Unauthorized CAT Submitter ID Paired Identifiers file not received Missing or Invalid FDID Record count Missing or invalid file version Missing or Invalid Legal Entity Customer Record Count
FDID	 Associated Customer Record rejected Multiple active roles for Customer within fdidCustomerList Missing fdidCustomerList Missing ADDRESS1 type Address Record Missing hasDiscretion
Customer	 Customer Record rejected because an associated FDID was rejected Missing or invalid <i>lastName</i> Missing or invalid format of <i>yearOfBirth</i> Multiple instances of Customer with differing data Missing or Invalid <i>city</i>

Open Issues, Planned Enhancements, and Specification Updates

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
1	Open	N/A	Intermittent instances where rejections, inconsistencies details and repair credit may be incomplete on the reporter portal screens. Rejections and Inconsistencies details are being delivered via feedback files.	TBD	High	Fix : TBD	Fix : TBD	Reporter Portal
2	Open	23005, 24001,	An attempt to resolve certain errors may incorrectly generate additional erroneous rejections and/or warnings. Additionally, FDID Reconciliation Report may be impacted by this issue.	TBD	High	Fix: TBD	Fix: TBD	Data Validation
3	Open	30002, 30003, 30004, 22503, 22525	An attempt to resolve a material inconsistency may incorrectly generate additional erroneous rejections and/or inconsistencies. FINRA CAT has temporarily disabled the Material Inconsistency and related updateNotification validations.	TBD	High	FDID Record (with all LTID and Customer	Deployed: 01/23/2023 Workaround/Guidance: 1. Industry Members may ignore the outstanding Material Inconsistency Errors. 2. Industry Members may resubmit the FDID Record (with all LTID and Customer associations) in order to repair the rejections.	Data Validation
4	Open	N/A	Intermittent instances where Rejections and Inconsistencies may result in an incomplete CSV download error or an error that prevents the file from downloading.	Code Release	High	Fix: TBD	Fix: TBD	Reporter Portal

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

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
5	Open	N/A	Intermittent issues with filtering results on rejections and inconsistencies.	TBD	High	Fix: TBD	Fix: TBD	Reporter Portal
6	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
7	Open	N/A	Submissions Report is displaying negative outstanding counts for rejections and inconsistencies. Also, the export is missing FDID accepted and FDID rejected columns.	Code Release	Medium	Inconsistencies Fix: 10/31/22 Rejections Fix: TBD	Inconsistencies Fix: 11/07/22 Rejections Fix: TBD	Reporter Portal
8	Open	N/A	Use of the Manual Submission within the Reporter Portal UI does not currently allow a user to enter extended text characters properly for the <i>accountName</i> field. Submission of extended text characters in the field via SFTP or upload of files within the Reporter Portal does allow for the extended text properly.	Code Release	Low	Fix : TBD	Fix: TBD	Reporter Portal
9	Open	N/A	In instances when an attempt to repair is also rejected, the user can now filter for error identification dates, and the feedback will match the rejections on the reporter portal screen. However, the downloaded CSV file still displays the original error identification date or original submission ID for all the new rejections.	Code Release	Medium	Filter Fix: 1/16/23 Download Fix: TBD	Filter Fix: 1/23/23 Download Fix: TBD	Reporter Portal

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
10	Open	N/A	Instances when an error occurs for a customer record where the same CAT customer is reported with multiple customerRecordID values, SFTP feedback will include only one of the customerRecordIDs. The portal feedback displays all customerRecordIDs related to the error.	Code Release	Medium	Fix: TBD Specification Update: TBD	Fix: TBD Specification Update: TBD	Feedback Files
11	Open	N/A	When a filter has been applied to the Rejections table, the CSV file downloaded includes all records in the table rather than only filtered records.	Code Release	Low	Fix: TBD	Fix: TBD	Reporter Portal
12	Open	N/A	In limited instances, for dates 9/22/22 and 9/23/22, impacted inconsistencies were erroneously duplicated for the same Customer. Resolving one of them using the <i>updateNotification</i> does not resolve all of the Customer's outstanding Inconsistencies.	Data Fix	Low	Fix: TBD	Fix: TBD	Reporter Portal

#	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	The customerRejectionEventID conditional attribute within the CAIS Data Feedback File is not present for rejections against customer records. This field is displayed on the reporter portal as a 'Text' rather than 'Unsigned'.	Code Release	Low	Specification Update: TBD	Specification Update: TBD	Feedback Files Reporter Portal
14	Open	24001, 24005	Correction attempt with a <i>rejectionID</i> unknown to CAIS generates an incorrect warning of 24005 instead of 24001.	Code Release	Low	Fix: TBD	Fix: N/A	Data Validation
15	Open	N/A	FDID Version Report includes FDIDs that have been previously ended.	Code Release	Low	Fix: TBD	Fix: TBD	Reports
16	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

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
17	Open		Incorrectly generating Error code 22526 (customerRecordID not present in paired Identifiers file) instead of 22914 when the Paired TID Record fails validation.	Code Release	Medium	Fix: TBD	Fix: TBD	Data Validation
18	Open		Intermittent instances where the CAIS system incorrectly generates subsequent nightly inconsistencies on customer records that have already been resolved with a prior submission.	Code Release	Low	Fix: TBD	Fix: TBD	Data Validation
19	Open	N/A	Rejection feedback and material inconsistences for files submitted as of 11/21/22 are currently unavailable in the CAT CAIS Industry Test environment reporter portal. This feedback is available via SFTP.	TBD	High	Fix: TBD	Fix: N/A	Reporter Portal
20	Open	N/A	Resolved rejections and inconsistencies continue to be displayed on the screens even after 10 days of resolution.	TBD	Low	Fix: TBD	Fix: TBD	Reporter Portal
21	Open	N/A	User is unable to filter on the submission date due to submission timestamp available in UTC format.	Code Release	Low	Fix: TBD	Fix: TBD	Reporter Portal

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
22	Open	22523	Intermittent instances of incorrectly generated error code 22523 (Customer Record rejected because an associated FDID was Rejected) where the firm is not able to resolve the error.	Code Release	Medium	Fix: TBD	Fix: TBD	Data Validation
23	Open		Rejection feedback does not include the FDIDs being rejected in instances when the <i>ItidEffectiveDate</i> and/or <i>ItidEndDate</i> values are missing or not properly formatted. In such scenarios the customer record is rejected with the error code 22523 (Customer Record rejected because an associated FDID was Rejected).	Code Release	Medium	Fix: TBD	Fix: TBD	Data Validation
24	Open	Multiple	Incorrectly rejecting extended text data type fields when the field includes limited set of printable ASCII characters on extended range.	Code Release	Low	Fix: TBD	Fix: TBD	Data Validation
25	Open	22034	Incorrectly generating error code 22034 (Data type violation – FDID) when submitting records with a branchOfficeCRD or registeredRepCRD using the Manual Submission Form.	TBD	Low	Fix: TBD	Fix: TBD	Data Validation
26	Open	N/A	Intermittent instances of rejection and inconsistency repairs not being properly reflected in the submissions report.	TBD	Medium	Fix: TBD	Fix: TBD	Reporter Portal

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production/Production Mirror Environments Targeted Release Date/Workaround	Area Affected
27	Open	30004	Intermittent instances of incorrectly generating inconsistency code 30004 when the <i>TID Type</i> is not Foreign.	TBD	Low	Fix: TBD	Fix: TBD	Inconsistencies
28	UPDATED- Open		Incorrectly accepting submissions that include an Extended Text character and/or a prohibited delimiter in the <i>postalCode</i> field. These submissions should reject with a 22034 or 22522 error. Prohibited delimiters for Text fields are comma, pipe, double quote, and the '@' symbol.	Code Release	Low	Fix: TBD	Fix: TBD	Data Validation
29	Open	N/A	Limited instances where one of the TIDS feedback versions is missing. Processing of the corresponding data files is not impacted by this issue.	TBD	Low	Fix: TBD	Fix: TBD	Feedback

CAT Full CAIS Recently Closed Issues List As of 2/22/2023

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

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: N/A	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

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
1	Open	Add a new <i>fdidEndReason</i> value of 'INACTIVE' and clarify in Section 3.8 that 'INACTIVE' will be available prior to the periodic full account refresh requirement.	TBD	2.0 r10	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	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	2.0 r10	N/A	N/A

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

#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
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	7/31/22	8/8/22
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	2.0 r10	N/A	N/A
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 error code 22066 (<i>roleStartDate</i> set prior to <i>fdidDate</i>).	TBD	2.0 r10	7/31/22	8/8/22
10	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

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	#	Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
	11	Open	Update Table 19 to clarify that <i>updateNotifications</i> is a Main JSON Object.	TBD	2.0 r10	N/A	N/A
	12		Update Table 17 to clarify that <i>correspondentCRD</i> is only populated in the feedback file when <i>correspondentCRD</i> is populated in the submission file.	TBD	2.0 r10	N/A	N/A
:	13	Open	Update Table 17 to clarify that the data type for <i>addrType</i> is Choice rather than Text (2).	TBD	2.0 r10	N/A	N/A
	14		 Table 17: Update the statusHistory to include COMPLETED_INTEGRITY_ERROR and INCOMPLETE_PROCESSING FAILURE. Table 18: Update statusHistory to include COMPLETED_FILE_TIMEOUT and INCOMPLETE_PROCESSING_FAILURE. Table 19: Update submissionStatus to include COMPLETED_WITH_REJECTIONS, COMPLETED_WITHOUT_REJECTIONS, and CANCELLED_BY_SUPPORT, as well as remove COMPLETED. Note: the submissionStatus attribute is slated for removal from the Submission Inconsistencies Feedback File in the future (effective date is TBD). 	TBD	2.0 r10	N/A	N/A
	15	Onen	Clarify the description of <i>customerType</i> value of 'BD' - Customer is a US registered Broker/Dealer, if maintained in the Industry Member's general customer and account records. Effective July 11, 2023, 'BD' must be populated for all US registered Broker/Dealer customer types, including for broker-dealer Customers that were not identified as 'BD' prior to July 11, 2023.	TBD	2.0 r10	N/A	N/A

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

#		Status	Summary	Publish Date	Spec Version	Effective Date - Test	Effective Date – Prod/Prod Mirror
16	5		Include Error Code 24917 in Table 27 (The transformed identifiers file contains a file level attribute that is not known under the reported specification version). This Error Code has been implemented in Production but was not published in the current specification version 2.0 r9.2.	TBD	2.0 r10	N/A	N/A
17	7	Open	Add correction of the corresponding data validation error code for Warning Code 24904 (Malformed TID Record - Missing or invalid <i>foreignTIDCountryCd</i>) in Table 27. Warning Code 24904 maps to Error Code 22900 and not 22914 as reported in the current specification version 2.0 r9.2.	TBD	2.0 r10	N/A	N/A
18	8	Open	Clarify in the Explanation of Warning Code 24005 and in Section 6.5.2 "Data Validation Errors" that repairing for Error Code 22526 requires use of the <i>correctionList</i> . Use of the <i>correctionList</i> to repair for Error Code 22526 has been implemented in Production but was not published in the current specification version 2.0 r9.2.	TBD	2.0 r10	N/A	N/A

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General Announcements and Reminders

CAIS Deadlines Set Forth in Guidance

- The Full CAIS Compliance Go-Live date, which is to be determined and announced, is anticipated to be no earlier than the second half of 2023.
- These deadlines will be delayed:
 - Periodic Full Account Refresh Requirement (currently noted to take effect in June 2023)
 - Retirement of the Authorized Trader Names List (currently slated for retirement effective July 12, 2023). Please note that an exemption request has been submitted to the SEC.
- These deadlines will remain:
 - 'UNPARSED' in the firstName field (disallowed effective June 13, 2023). See FAQ Q58 for more information.
 - Industry Member CAT Customers that reported themselves in a *role* of 'AUTH3RD' must update their *role* to 'AUTHREP' (last day is June 13, 2023). See FAQ T7 for more information.
 - Industry Member CAT Customers that were not identified with a *customerType* of 'BD' (last day is July 11, 2023). See <u>Planned</u> <u>Full CAIS Technical Specification Updates</u> for more information.
 - Address required at the Customer-level (required effective July 12, 2023). See FAQ Q67 for more information.

FINRA CAT Announcements and Reminders

- > The next CAT CAIS Checkpoint call will be on Wednesday, March 1, 2023, 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 —

Industry Test Environment										
	Monday, 2/13	Tuesday, 2/14	Wednesday, 2/15	Thursday, 2/16	Friday, 2/17	Saturday, 2/18	Sunday, 2/19			
Number of Total Submitters	17	24	26	23	23	11	4			
Number of Unique Firms	65	279	301	228	227	122	4			
Number of Files Received	Total: 268 Reporter Portal: 2 SFTP: 266	Total: 3,688 Reporter Portal: 1 SFTP: 3,687	Total: 894 Reporter Portal: 5 SFTP: 889	Total: 741 Reporter Portal: 3 SFTP: 738	Total: 769 Reporter Portal: 0 SFTP: 769	Total: 367 Reporter Portal: 0 SFTP: 367	Total: 9 Reporter Portal: 0 SFTP: 9			
Number of Files Rejected	118	137	165	129	117	10	0			
File Reject Rate	44.03%	3.72%	18.46%	17.41%	15.22%	2.73%	0.00%			

Industry Test Environment										
	Monday, 2/13	Tuesday, 2/14	Wednesday, 2/15	Thursday, 2/16	Friday, 2/17	Saturday, 2/18	Sunday, 2/19			
FDID Records Accepted	252,982	1,989,352	380,818	387,091	249,186	66,868	88			
FDID Records Rejected	25,531	44,660	36,954	115,091	30,959	1,460	6			
FDID Records Submitted	278,513	2,034,012	417,772	502,182	280,145	68,328	94			
FDID Record Rejection Rate	9.17%	2.20%	8.85%	22.92%	11.05%	2.14%	6.38%			

Industry Test Environment											
	Monday, 2/13	Tuesday, 2/14	Wednesday, 2/15	Thursday, 2/16	Friday, 2/17	Saturday, 2/18	Sunday, 2/19				
Customer Records Accepted	177,342	2,465,130	188,700	199,125	148,407	88,250	151				
Customer Records Rejected	6,379	30,893	17,045	80,414	9,591	2,542	0				
Customer Records Submitted	183,721	2,496,023	205,745	279,539	157,998	90,792	151				
Customer Record Rejection Rate	3.47%	1.24%	8.29%	28.77%	6.07%	2.80%	0%				