
Industry Test Release Status

May 26, 2020

Agenda

- Industry Test Release Update
- General Announcements & Reminders
- Upcoming Key Dates
- Q&A

Industry Test Release Update

Industry Member 2a/2b – Release 1 (File & Data Integrity) Release Rollout

Live in Industry Test

11/18/2019

Industry Test Release 1.1

- CAT Reporter Portal: ATS Order Types
- CAT Reporter Portal: CAT Reporting Relationships
- Multi-Factor Authentication Enabled
- Publication of IMID & Conflict List to catnmsplan.com
- Publication of Issue/Option Symbol Reference Lists to catnmsplan.com

12/16/2019

Industry Test Release 1.2

- Industry Test Open for Machine-to-Machine File & Data Integrity Validations & Feedback
- CAT Reporter Portal: Basic File Statistics
- CAT Reporter Portal: Manual File Upload

2/24/2020

Industry Test Release 1.3

- CAT Reporter Portal: File Submission feedback
- CAT Reporter Portal: Reporting Statistics (i.e. number of records received, accepted, rejected and feedback summaries)
- CAT Reporter Portal: Error Rates
- CAT Reporter Portal: Direct data entry & corrections
- CAT Reporter Portal: Bulk Repair of applicable Syntax/Semantic Errors

03/23/2020

Industry Test Release 1.4

- Announcements
- System Status

Open

4/13/2020

Prod Environment Open

- 2a Go-Live – June 22
- 2b Go-Live – July 20

Industry Member 2a/2b – Release 2 (Intrafirm) Release Rollout

Intrafirm Release 2.1 Industry Test – 4/20/2020

- Industry Test Open for Machine-to-Machine Intrafirm Validations & Feedback
- CAT Reporter Portal: Basic Intrafirm Statistics

Intrafirm Release 2.1 Production – 5/4/2020

- Production Open for Machine-to-Machine Intrafirm Validations & Feedback

Intrafirm Release 2.2 Industry Test – 5/18/2020 Production – 5/18/2020

- CAT Reporter Portal
 - Linkage File feedback
 - Basic Intrafirm Statistics Simplified Screen-Intrafirm Errors/Warnings Counts
 - Remove Error Codes 3008 and 3009

Intrafirm Release 2.3 Industry Test – 6/1/2020 Production – 6/1/2020

- CAT Reporter Portal
 - Linker Error Statistics (i.e. number of records with Linker Errors or Warnings by Error Codes)
 - Comprehensive Intrafirm Statistics (including adding Attempted counts, Repaired Records and Adjusted Intrafirm Error Rates)

Intrafirm Release 2.4 Industry Test – 6/29/2020 Production – 6/29/2020

- CAT Reporter Portal
 - Ability to view and correct Intrafirm Linkage Errors

Phase 2a Intrafirm Compliance Date – 7/27/2020
Phase 2b Intrafirm Compliance Date – 8/24/2020

Industry Test Status – As of May 22, 2020 Statistics

Item	Statistic – Last Week	Statistic – This Week	Increase/Decrease
Number of Firms Certified	631	675	Increased by 44 firms
Number of Firms operating under CAT Reporter Agreements	1,410	1,422	Increased by 12 firms
Number of Reporting Relationships Entered	2,167 relationships from 1133 firms	2,198 relationships from 1142 firms	Increased by 31 across 9 firms
Number of ATS Order Types Entered	617 order types from 25 ATS firms	617 order types from 25 ATS firms	No change
Number of Total Submitters	207	216	Increased by 9 submitters
Number of IMIDs	1,596 from 1,121 firms	1,620 from 1,140 firms	Increased by 24 across 19 firms
Number of Files Received	3,109,917 • Reporter Portal: 27,754 • Private Line: 3,082,163	3,273,227 • Reporter Portal: 28,905 • Private Line: 3,244,322	Increased by 163,310 • Reporter Portal: 1,151 • Private Line: 162,159
Number of Files Rejected	571,740	583,592	Increased by 11,852
File Reject Rate	18.38%	17.82%	Decreased by 0.56%

Industry Test Status – May 18– May 22, 2020 Statistics

CAT Processing Date	Product Type								
	Equities			Options			DEL/Unparsed records		
	Processed	Rejected	Rejection Rate	Processed	Rejected	Rejection Rate	Processed	Rejected	Rejection Rate
5/18/2020	7,019,127,379	28,039,872	0.40%	326,997,343	261,558	0.08%	5,493	5,246	95.50%
5/19/2020	9,091,031,357	75,248,699	0.83%	380,611,712	454,919	0.12%	2,215	2,020	91.20%
5/20/2020	10,804,641,734	212,568,471	1.97%	367,810,810	788,413	0.21%	21,366	7,382	34.55%
5/21/2020	8,382,604,842	72,560,057	0.87%	366,905,414	887,815	0.24%	275	75	27.27%
5/22/2020	8,978,084,707	11,092,277	0.12%	305,126,212	943,128	0.31%	2,396	1,893	79.01%
Total	44,275,490,019	399,509,376	0.90%	1,747,451,491	3,335,833	0.19%	31,745	16,616	52.34%

Observations

- *timeInForce* is expected to have one choice value.
- *timeInForce* of DAY requires the expiration date to be equal to Event Date or Event Date plus one Trading Day.
- Firm initiated same day corrections must be reported after receiving file ingestion feedback for the file in which the original record was submitted.

FINRA CAT Open Issues List – As of 5/26/2020

Release Planned/Workaround Provided

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Open	N/A	Reporter Portal is not accurately reflecting Repair Count and Adjusted Error Rate when corrections submitted for a single day per firm exceed 100,000. Additionally, Error Counts on Error Summary screen do not reflect errors in excess of 100,000.	Code Release	Medium	Workaround: FINRA CAT Helpdesk will support Long term fix: Release planning in progress	Workaround: FINRA CAT Helpdesk will support Long term fix: Release planning in progress	Events Statistics
2	Open	N/A	FINRA CAT is incorrectly accepting pipe () value in text fields within multi-dimensional array (e.g. <i>orderID</i> in <i>aggregatedOrders</i>).	Code Release	Medium	To be scheduled	To be scheduled	Ingestion Validations
3	Open	Multiple	FINRA CAT is incorrectly generating unlinked errors in instances when a DAY order originates after business hours on the Trade Date prior to TIF Expiration Date.	Code Release	Medium	5/29/2020	5/29/2020	Intrafirm Feedback
4	NEW-Open	N/A	Reporter portal is incorrectly displaying 'No Intrafirm Statistics Available' when a firm has no Intrafirm Errors	Code Release	High	6/1/2020	6/1/2020	Reporter Portal

FINRA CAT Open Issues List – Planned Enhancements

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date	Production Environment Targeted Release Date	Area
1	Open	2133	For Name/Value Pair Data type fields, providing a value that is not in allowable values list returns error code 2133 (Additional Field) instead of error code 2101 (Missing or Invalid timeInForce).	Code Release	Low	To be scheduled	To be scheduled	Ingestion Validations
2	Open	2122	Incorrect error code is generated when an array field (e.g., clientDetails) is provided as a Name/Value pair.	Code Release	Low	To be scheduled	To be scheduled	Ingestion Validations

FINRA CAT Recently Closed Issues

#	Status	Error Code	Summary	Resolution	Priority	Test Environment Targeted Release Date/Workaround	Production Environment Targeted Release Date/Workaround	Area
1	Closed	Multiple	Error Summary screen does not display the new Error Codes per IM Tech Spec version 2.2.1 r5.	Datafix	Medium	5/21/2020	5/21/2020	Ingestion Reporter Portal

General Announcements & Reminders

FINRA CAT Reminders

- The ability to delete files from the SFTP errors and feedback directories is now available in the Test Environment.
- Effective June 1, 2020, all CAT users enrolled in Duo multi-factor authentication (MFA) must authenticate via Duo Push or USB-enabled security key to access CAT. One-time password authentication will no longer be permitted. An e-mail notification was sent to impacted users on May 12, 2020.
- Industry Members will not receive details for the records that were marked as late. FINRA CAT is analyzing the possibility of providing the file names containing records that were marked as late.
- All Test Symbols (equity and options) will be rejected in the Production Environment.

FINRA CAT Reminders

- The processing date of all submissions will be assigned based on the received timestamp of the associated metadata file. If a data file is received prior to T+1 8:00 AM EST with the associated metadata file submitted after T+1 8:00 AM EST, the submissions will be considered late.
- File Acknowledgement is anticipated to be delivered within 10 minutes of file submission and no later than 1 hour of file submission. Submitters should not resubmit files earlier than 1 hour after original file submission.
- Consolidated Audit Trail, LLC and FINRA CAT, LLC will maintain our Weekly Industry Checkpoint Calls on Tuesdays at 4:15 pm ET until further notice.

Upcoming Key Dates

Upcoming Key Dates for Release 2a/2b

Topic	Event	Date
Industry Call: Industry Testing Checkpoint	Weekly Industry Testing Checkpoint Calls – Every Tuesday at 4:15 pm (ET)	January 7, 2020 until further notice
Industry Test Certification	Industry Members and CAT Reporting Agents must complete production readiness testing for 2a reporting	June 8, 2020
Compliance Go-Live	Compliance Go-Live for Equities 2a file submission and data integrity validations	June 22, 2020
Industry Test Certification	Industry Members and CAT Reporting Agents must complete production readiness testing for 2b reporting	July 6, 2020
Compliance Go-Live	Compliance Go-Live for Options 2b file submission and data integrity validations	July 20, 2020
Compliance Go-Live	Compliance Go-Live for Equities Phase 2a Intrafirm Compliance Date	July 27, 2020
Compliance Go-Live	Compliance Go-Live for Options Phase 2b Intrafirm Compliance Date	August 24, 2020

The timeline for Phase 2a/2b can be found at <https://catnmsplan.com/timeline>

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.

FINRA CAT Helpdesk

Questions may be directed to the FINRA CAT Helpdesk at 888-696-3348 or help@finracat.com

Appendix

Onboarding – Certification of Production Readiness Testing

- Once CAT Reporters have completed **all** onboarding steps, including the successful completion of the Production Readiness Testing, each IM and CRA must contact the FINRA CAT Helpdesk (888-696-3348 or help@finracat.com).
- The FINRA CAT Helpdesk will require the Processing Date(s) on which the testing occurred.
- Upon verification of the Production Readiness Testing and all other Onboarding Steps by FINRA CAT, CAT Reporters will be granted access to the CAT Production Environment, and a notification confirming access will be sent.

FINRA CAT Onboarding Guide is posted at <https://catnmsplan.com/registration/>