
Monthly CAT Update

November 17, 2022

Agenda

- CAT NMS Plan, Exemptive Relief and Transaction Interpretive Updates
- Transaction Technical Specifications Updates
- CAIS Reporting Updates
- Compliance Updates
- Upcoming Industry Webinars and Other Updates
- Q&A
- Appendix- Transaction Production Statistics

CAT NMS Plan, Exemptive Relief and Transaction Interpretive Updates

Transaction Interpretive Updates

New and Updated FAQs

- ▶ No new or updated Transaction [FAQs](#).

Transaction Technical Specifications Updates

2022–23 IM Releases – Scope and Schedule

Release 2.1

Production/Production Mirror
Release – 12/5/2022

CAIS related validations & Statistics

- Validate FDID against CAIS data
- Daily statistics reflecting FDID errors
- Provide a new linkage summary feedback file containing missing or invalid FDIDs.

* FDID Errors on Report Cards (See 2023 Release 1)

Release 3

Spec Publication – 7/29/2022
Industry Test Release – 10/3/2022
Production/Production Mirror
Release – 12/5/2022

Schema changes and related validations

- Add new event - **MLOE**
- Enforce requirements to populate *cancelQty*, *multiLegInd* on applicable events
- Change data type for *handlingInstructions* value CASH from Boolean to Price to capture actual monetary value instruction
- Enforce correct values on the *side* field in Leg Details.
- Reject invalid values in the *underlying* field on Multi-Leg events.
- Add *deskOrderID* field to Order Internal Route events to uniquely identify related events.
- Add *priorDeskOrderID* field to Order Internal Route Modified events to uniquely identify related events.
- Remove metadata file submission requirement and related file integrity errors.

2023 - Release 1

Spec Publication – N/A
Industry Test Release – N/A
Production/Production Mirror
Release – 2/15/2023

Transaction Report Card

- FDID Errors in Transaction Report Cards will be included in January Report Card published on February 15, 2023
- Report Cards by Process Date

2023 - Release 2

Spec Publication – 12/16/2022
Industry Test Release – 3/13/2023
Production/Production Mirror
Release – 3/27/2023

Onboarding FINRA ADF

- Add new event - MENQS - New Quote Supplement event
- Add new event - MERQS - Quote Route Supplement event
- Add *representativeQuoteInd*, *askAggregatedOrders*, and *bidAggregatedOrders* fields to MENQ event
- Add *destinationType* and *session* to MERQ event
- Change *firmDesignatedID* and *accountHolderType* fields on MENQ event from Required to Conditional

Technical Specification Updates

- ▶ There were no updates to the Industry Member Technical Specifications.
- ▶ V2.5 of the [Order Routing Field Mapping between CAT and Exchanges](#) document was published on November 8, 2022.

CAIS Reporting Updates

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
Ingestion <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 CAIS Reporter Portal <ul style="list-style-type: none">• Manual File Upload• Manual Submission• Submission Feedback• Inconsistencies Feedback• Nightly Inconsistencies Report Full CAIS Certification opened on 2/1/2022	Ingestion <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 CAIS Reporter Portal <ul style="list-style-type: none">• FDID Reconciliation Report updated with Full CAIS information (count of CAT Customers and Version information)	Ingestion <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	Full CAIS Release 4 Industry Test – 6/26/2022 Production – 7/1/2022	Full CAIS Release 5 Industry Test – 9/19/2022 Production – 10/3/2022	Full CAIS Release 6 Industry Test – 11/21/2022 Production – 12/5/2022
Ingestion <ul style="list-style-type: none">• New Authorized Trader Names List on FDID record• Increase <i>lastName</i> field length to 200 characters Reports <ul style="list-style-type: none">• FDID Version Report posted to SFTP weekly, containing active LTID Phase FDIDs not updated to Full CAIS Phase CAIS Reporter Portal <ul style="list-style-type: none">• FDID Version Report available on-demand, containing active LTID Phase FDIDs not updated to Full CAIS Phase	Ingestion <ul style="list-style-type: none">• New OTHGOVT Foreign TID Type Performance Enhancements <ul style="list-style-type: none">• CAIS file processing improvements Minor Enhancements and Bug Fixes	Performance Enhancements <ul style="list-style-type: none">• CAIS file processing improvements Minor Enhancements and Bug Fixes	Bug Fixes

Industry Member Release Rollout – Full CAIS Production

CAIS Report Card Release

Report Card

- Full CAIS Compliance begins with the January Report Card published on February 15, 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
- Validate that *correspondentCRD* is a different identifier than the *catReporterCRD*

New and Updated CAIS FAQs

- ▶ Two new CAIS [FAQs](#):
 - FAQ [Q69](#) regarding the CAIS reporting requirements for disregarded entities.
 - FAQ [Q70](#) regarding the reporting requirements for a piggyback clearing scenario.
- ▶ One CAIS [FAQ](#) was updated:
 - FAQ [Q68](#) regarding the reporting requirements when the Authorized Trader is a government employee of a U.S. state, county or municipality and acting in the capacity of a guardian or conservator for a minor or incapacitated person.

Full CAIS Technical Specification Updates

- ▶ There were no updates to the Full CAIS Technical Specifications or Reporting Scenarios document.

Industry Member Timeline Design

Requirement	Date
Production Certification Deadline	July 25, 2022
Interim reporting obligation 1: CAT Submitters Partial Submissions. <ul style="list-style-type: none"> For a single date within the range specified, complete a scheduled partial submission to the Prod Environment in Full CAIS Format. FINRA CAT will begin contacting CAT Submitters on August 1 to schedule their partial submission dates. 	August 15 – September 15, 2022
Interim reporting obligation 2: All Industry Members – Submission of all FDIDs and Customers <ul style="list-style-type: none"> For a single date within the range specified, complete a scheduled submission of the FDID Population with CAT-Reportable activity between June 12, 2022 and September 30, 2022 to the Prod Environment in Full CAIS format. FINRA CAT will begin contacting all Industry Members on October 3 to schedule their specific reporting date. 	October 10 – October 31, 2022
Interim reporting obligation 3: Daily reporting of FDID and Customer Data <ul style="list-style-type: none"> All Industry members must begin daily reporting of FDID records and changes/additions for all CAT-Reportable Activity beginning June 12, 2022 through at least September 30, 2022. Corrections to reported data are not required until Interim Reporting Obligation 4. 	November 7, 2022
Interim reporting obligation 4: All outstanding Rejections and Material Inconsistencies addressed <ul style="list-style-type: none"> All outstanding rejections and Material Inconsistencies for all CAT-reportable activity beginning June 12, 2022 are resolved. 	December 5, 2022
Full CAIS Compliance date (Error correction timeline fully enforced) <ul style="list-style-type: none"> All error repair and material inconsistency resolution deadlines are enforced. 	December 12, 2022

- ▶ An [Announcement](#) was published and the [Timeline](#) was updated. Please see [CAT Alert 2022-01](#) for more information.

Other CAIS Updates

- ▶ The recording and presentation from the November 15, 2022 [CAT Technical Specifications Working Group](#) is available on the CAT website.
- ▶ Updated [CAT Alert 2021-04](#) was published on October 28, 2022.
- ▶ Updated [CAT Alert 2022-01](#) was published on November 15, 2022.
- ▶ The November 30, 2022 Full CAIS Error Simplification Webinar has been postponed and the new date will be announced later.

CAIS Checkpoint Calls

- ▶ The next [CAIS Industry Testing Checkpoint Call](#) will be on Tuesday, November 22, 2022 at 4:15 pm ET.
- ▶ The presentations and recordings are available for:
 - [11/16/2022 CAIS Industry Testing Checkpoint Call](#)
 - [11/09/2022 CAIS Industry Testing Checkpoint Call](#)
 - [11/02/2022 CAIS Industry Testing Checkpoint Call](#)
 - [10/26/2022 CAIS Industry Testing Checkpoint Call](#)

Compliance Updates

Industry Member Report Card Updates

- ▶ The October 2022 CAT Industry Member Compliance Report Cards were published on November 15, 2022.
- ▶ The recording and presentation from the [November 2, 2022](#) Industry Member Full CAIS Report Card Webinar is available.
- ▶ Compliance Resources:
 - [Industry Member Report Card- Known Issues List](#)
 - [CAIS Compliance Glossary](#)
 - [Transaction Compliance Glossary](#)
 - Previously Recorded and Posted [Report Card Webinars](#)

Upcoming Industry Webinars and Other Updates

Other General Announcements and Reminders

- ▶ The FDID validation in the CAT transaction system against FDIDs submitted to CAT CAIS, previously scheduled for release on November 7, 2022, in the Production Environment and Production-Mirror Environment, has been delayed until December 5, 2022.
 - This FDID validation is currently available in the CAT transaction Test Environment against FDIDs submitted to the Full CAIS Production Environment.

Monthly CAT Update Industry Webinars

- ▶ The next [Monthly CAT Update](#) will be held on December 15, 2022 at 9:30 am ET.
- ▶ The recording and presentation from the [October 26, 2022](#) Monthly CAT Update is available on the CAT website.

FINRA CAT Helpdesk

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

Q&A

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

Equities – Rolling Five Day Period

Initial T+1 vs. T+5 8 am Data Ready for Regulators

October 20, 2022 – October 31, 2022

Trade Date	Late%	Rejection Initial	Rejection Adjusted	Intrafirm Initial	Intrafirm Adjusted	Interfirm Sent Initial	Interfirm Sent Adjusted	Interfirm Received Initial	Interfirm Received Adjusted	Exchange Initial	Exchange Adjusted	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
10/20/2022	.2377%	.0023%	.0020%	.0135%	.0134%	.0006%	.0005%	.0044%	.0024%	.0004%	.0004%	.0648%	.0570%	.2502%	.2497%
10/21/2022	1.0591%	.0352%	.0345%	.0921%	.0914%	.0056%	.0000%	2.2682%	.1573%	.0003%	.0003%	.0626%	.0586%	1.3245%	1.1185%
10/24/2022	5.9839%	.0042%	.0029%	.0149%	.0143%	.0019%	.0017%	4.3977%	.0036%	.0004%	.0004%	.0849%	.0779%	6.4295%	5.9974%
10/25/2022	.1001%	.0028%	.0025%	.0184%	.0156%	.0002%	.0001%	.1481%	.0663%	.0006%	.0005%	.0723%	.0636%	.1309%	.1204%
10/26/2022	.0106%	.0029%	.0026%	.0013%	.0010%	.0003%	.0002%	.0023%	.0017%	.0251%	.0004%	.0420%	.0357%	.0180%	.0141%
10/27/2022	.0021%	.0022%	.0019%	.0141%	.0138%	.0001%	.0000%	.0075%	.0015%	.0242%	.0004%	.0600%	.0556%	.0184%	.0141%
10/28/2022	.0001%	.0025%	.0023%	.0139%	.0137%	.0021%	.0021%	.0040%	.0032%	.0005%	.0005%	.0559%	.0393%	.0133%	.0128%
10/31/2022	.0171%	.0035%	.0029%	.0147%	.0133%	.0013%	.0002%	.0471%	.0010%	.0005%	.0005%	.0299%	.0293%	.0360%	.0297%

Equities – Rolling Five Day Period

Initial T+1 vs. T+5 8 am Data Ready for Regulators

November 01, 2022 – November 10, 2022

Trade Date	Late%	Rejection Initial	Rejection Adjusted	Intrafirm Initial	Intrafirm Adjusted	Interfirm Sent Initial	Interfirm Sent Adjusted	Interfirm Received Initial	Interfirm Received Adjusted	Exchange Initial	Exchange Adjusted	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
11/1/2022	.0233%	.0028%	.0025%	.0145%	.0142%	.0100%	.0002%	.0554%	.0018%	.0005%	.0004%	.0286%	.0257%	.0431%	.0362%
11/2/2022	.5579%	.0019%	.0017%	.0106%	.0104%	.0021%	.0005%	1.3475%	.0017%	.0004%	.0003%	.0272%	.0251%	.6984%	.5672%
11/3/2022	.1270%	.0022%	.0020%	.0138%	.0132%	.0003%	.0002%	.0018%	.0009%	.0005%	.0004%	.0282%	.0229%	.1393%	.1385%
11/4/2022	.0006%	.0019%	.0017%	.0130%	.0125%	.0002%	.0001%	.0034%	.0009%	.0004%	.0004%	.0300%	.0296%	.0122%	.0115%
11/7/2022	.0001%	.0033%	.0031%	.0131%	.0130%	.0061%	.0060%	.0030%	.0029%	.0034%	.0034%	.0333%	.0327%	.0142%	.0138%
11/8/2022	.0819%	.0023%	.0021%	.0216%	.0131%	.0038%	.0002%	.0762%	.0024%	.0285%	.0021%	.0428%	.0409%	.1112%	.0939%
11/9/2022	.1102%	.0023%	.0021%	.0134%	.0133%	.0003%	.0002%	1.0468%	.0019%	.0035%	.0034%	.0319%	.0305%	.2246%	.1225%
11/10/2022	.0173%	.0019%	.0017%	.6717%	.6221%	.0002%	.0002%	.0054%	.0018%	.0061%	.0050%	.0276%	.0274%	.4997%	.4636%

Options – Rolling Five Day Period

Initial T+1 vs. T+5 8 am Data Ready for Regulators

October 20, 2022 – October 31, 2022

Trade Date	Late%	Rejection Initial	Rejection Adjusted	Intrafirm Initial	Intrafirm Adjusted	Interfirm Sent Initial	Interfirm Sent Adjusted	Interfirm Received Initial	Interfirm Received Adjusted	Exchange Initial	Exchange Adjusted	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
10/20/2022	.0395%	.0048%	.0044%	.0018%	.0017%	3.3870%	.0050%	1.4807%	.0053%	.0033%	.0003%	.2089%	.1834%	.0676%	.0452%
10/21/2022	.3136%	.0055%	.0048%	.0020%	.0020%	.3729%	.0078%	2.7689%	.0414%	.0045%	.0045%	.2117%	.1636%	.3334%	.3213%
10/24/2022	15.3516%	.0055%	.0052%	.0011%	.0011%	2.2881%	.0044%	.0252%	.0054%	.0036%	.0003%	.1260%	.1159%	15.3665%	15.3570%
10/25/2022	.0010%	.0042%	.0039%	.0009%	.0009%	2.1550%	.0042%	.0577%	.0058%	.0048%	.0003%	.2072%	.1847%	.0160%	.0057%
10/26/2022	.0336%	.0041%	.0038%	.0005%	.0004%	1.9345%	.0060%	.0068%	.0061%	.0035%	.0004%	.1486%	.1333%	.0462%	.0378%
10/27/2022	.0001%	.0042%	.0038%	.0008%	.0006%	2.5497%	.0047%	.0103%	.0073%	.0046%	.0003%	.2075%	.1517%	.0160%	.0044%
10/28/2022	1.2204%	.0169%	.0166%	.0228%	.0228%	1.9936%	.0046%	2.3565%	.0486%	.0126%	.0003%	.0800%	.0758%	1.2622%	1.2406%
10/31/2022	.0057%	.0031%	.0029%	.0003%	.0002%	2.5122%	.0067%	.2233%	.2217%	.0003%	.0002%	.3831%	.2665%	.0191%	.0096%

Options – Rolling Five Day Period

Initial T+1 vs. T+5 8 am Data Ready for Regulators

November 01, 2022 – November 10, 2022

Trade Date	Late%	Rejection Initial	Rejection Adjusted	Intrafirm Initial	Intrafirm Adjusted	Interfirm Sent Initial	Interfirm Sent Adjusted	Interfirm Received Initial	Interfirm Received Adjusted	Exchange Initial	Exchange Adjusted	Trade Initial	Trade Adjusted	Overall Error Rate Initial	Overall Error Rate Adjusted
11/1/2022	.0023%	.0047%	.0047%	.0003%	.0003%	3.2687%	.0041%	.2136%	.0040%	.0011%	.0011%	.1581%	.1399%	.0210%	.0075%
11/2/2022	.0746%	.0041%	.0040%	.0020%	.0003%	2.4520%	.0041%	3.2949%	.0044%	.0007%	.0006%	.2028%	.1813%	.1025%	.0790%
11/3/2022	.0001%	.0043%	.0042%	.0022%	.0015%	2.5189%	.0136%	.0183%	.0158%	.0003%	.0003%	.1398%	.1132%	.0161%	.0056%
11/4/2022	.0006%	.0053%	.0052%	.0004%	.0004%	2.1733%	.0052%	.0070%	.0040%	.0005%	.0005%	.1665%	.1379%	.0158%	.0063%
11/7/2022	.0003%	.0035%	.0035%	.0004%	.0003%	.1073%	.0042%	.0806%	.0044%	.0009%	.0009%	.1851%	.1736%	.0051%	.0043%
11/8/2022	.0787%	.0034%	.0032%	.0010%	.0004%	.0398%	.0042%	.0118%	.0046%	.0010%	.0009%	.0792%	.0742%	.0833%	.0825%
11/9/2022	.0000%	.0042%	.0038%	.0004%	.0003%	.0389%	.0036%	.0107%	.0044%	.0026%	.0025%	.2928%	.2573%	.0055%	.0049%
11/10/2022	.3399%	.0039%	.0036%	.0005%	.0004%	.0662%	.0063%	.0289%	.0046%	.0011%	.0011%	.1256%	.1180%	.3449%	.3441%

Equities – Industry Aggregate Trade Date Statistics

October 20, 2022 – October 31, 2022

Trade Date	Processed	Accepted	Late	Overall Errors Count
2022-11-10	41,062,613,292	41,061,676,942	5,261,003	188,545,480
2022-11-09	37,128,769,944	37,127,839,212	40,905,551	45,471,980
2022-11-08	36,544,617,418	36,504,728,926	29,938,419	34,310,295
2022-11-07	33,206,407,007	33,205,236,687	26,744	4,592,085
2022-11-04	47,976,183,006	47,974,952,316	287,259	5,497,625
2022-11-03	38,736,816,604	38,735,888,483	49,212,461	53,664,036
2022-11-02	47,544,917,877	47,540,643,065	265,214,102	269,696,940
2022-11-01	36,609,823,334	36,608,717,737	8,541,439	13,210,940

Equities – Industry Aggregate Trade Date Statistics

November 01, 2022 – November 10, 2022

Trade Date	Processed	Accepted	Late	Overall Errors Count
2022-10-31	35,392,699,409	35,391,391,482	6,092,269	10,441,115
2022-10-28	33,737,241,956	33,732,444,612	92,970	4,243,901
2022-10-27	39,243,478,810	39,242,512,115	854,742	5,548,893
2022-10-26	37,994,013,547	37,992,852,376	4,083,478	5,401,478
2022-10-25	30,864,359,498	30,863,434,044	52,921,264	57,131,297
2022-10-24	37,847,635,021	37,845,799,102	2,264,840,090	2,269,709,998
2022-10-21	43,842,830,883	43,827,327,489	541,745,499	567,824,987
2022-10-20	37,313,995,307	37,308,303,787	88,813,060	93,134,730

Options – Industry Aggregate Trade Date Statistics

October 20, 2022 – October 31, 2022

Trade Date	Processed	Accepted	Late	Overall Errors Count
2022-11-10	7,307,049,225	7,306,762,901	24,837,047	25,146,974
2022-11-09	6,719,350,905	6,719,066,210	1,549	326,917
2022-11-08	7,176,898,140	7,176,650,930	5,646,157	5,917,999
2022-11-07	6,829,010,473	6,828,771,278	27,759	292,501
2022-11-04	7,652,956,062	7,652,550,853	46,173	482,832
2022-11-03	7,290,953,356	7,290,636,747	62,150	393,069
2022-11-02	7,683,480,309	7,683,164,944	5,781,175	6,071,791
2022-11-01	7,146,139,788	7,145,802,688	276,631	566,311

Options – Industry Aggregate Trade Date Statistics

November 01, 2022 – November 10, 2022

Trade Date	Processed	Accepted	Late	Overall Errors Count
2022-10-31	7,301,416,741	7,301,187,604	643,062	874,147
2022-10-28	7,522,714,201	7,518,649,445	94,801,401	96,309,587
2022-10-27	7,474,892,014	7,474,577,712	29,785	318,600
2022-10-26	7,636,551,965	7,636,240,733	2,590,233	2,884,782
2022-10-25	7,050,734,554	7,049,403,713	3,293,886	3,582,920
2022-10-24	7,275,257,782	7,274,859,080	1,116,849,397	1,117,241,135
2022-10-21	7,779,420,653	7,778,988,835	24,570,493	24,940,762
2022-10-20	7,605,974,709	7,604,057,876	3,506,011	3,842,345