

Trade and Transaction Reporting

REGIME-AGNOSTIC GLOBAL SOLUTION

KEY BENEFITS

DELIVERS COMPREHENSIVE TRANSACTION REPORTING FOR ALL GLOBAL REPORTING REQUIREMENTS

OPTIMIZES INFRASTRUCTURE AND RESOURCE BURDENS

PROVIDES A SINGLE, REGIME-AGNOSTIC EXCEPTION MANAGEMENT CAPABILITY

AUTOMATICALLY IDENTIFIES ALL IN-SCOPE TRANSACTIONS AND PRODUCES REGULATORY REPORTS

VALIDATES AND ENRICHES REQUIRED DATA

STRENGTHENS AUDITABILITY WITH COMPLETE DRILLDOWN TO DATA SOURCE

ENABLES VISIBILITY OF THE END-TO-END LIFE CYCLE OF REPORTED TRADES

MAINTAINS AUDIT TRAIL OF CHANGES FOR BOOKS AND RECORDS

It has been a decade since G20 member states endorsed a plan to increase market transparency and facilitate global financial stability. With the advent of more stringent regulations across a growing number of regimes, including MiFID, Dodd Frank, EMIR, MAS, ASIC, and FinfraG, counterparties are facing the daunting task of collecting and validating trade and transaction data from disparate trading systems.

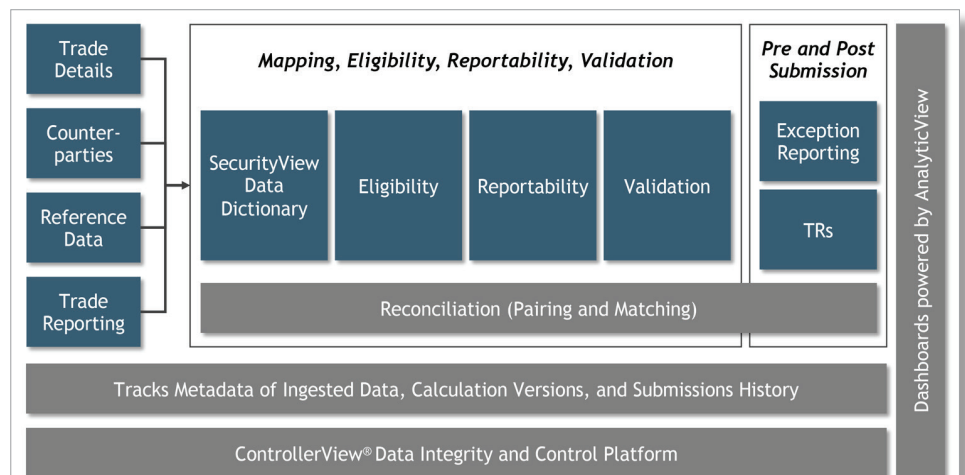
As the total volume of reportable trades and eligible transactions increases, the margin for error permitted by the trade repositories (TRs) and regulators is decreasing. Not only are requirements more complex, but in most cases, regimes frequently implement incremental updates, making keeping up-to-date with evolving regulations an additional challenge.

Securities Financing Transactions Regulation (SFTR) is the next new regime to contend with — reporting commences in April 2020. And there are still more regimes to come, including, for example, derivative reporting requirements for South Korea and South Africa. As regulators layer on requirements, counterparties require a sustainable process to handle all trade and transaction regulatory submissions across regimes. But as they adjust to new regulatory requirements while meeting current ones, counterparties struggle with non-traceable data sources and often opaque in-house reporting solutions that require considerable resources. As a result, they seek a regime-agnostic approach supported by a holistic and technologically advanced, scalable solution that can handle expanding trade and transaction regulation requirements.

Meeting the Challenge of Global Reporting Requirements

In response to expanded regulatory requirements across regimes and the resulting pressure on counterparties, AxiomSL delivers a regime-agnostic, non-invasive Trade and Transaction (T-and-T) solution, with powerful eligibility and exception management capabilities. Running on AxiomSL's data integrity and control platform, ControllerView®, and leveraging its extensible SecurityView data dictionary, the T-and-T solution enables counterparties to eliminate piecemeal, ad hoc processes and establish a single platform solution for evolving global requirements. AxiomSL's T-and-T solution is unique in the marketplace in offering a truly scalable approach to trade and transaction reporting. It provides counterparties with a holistic approach for accurate and timely reporting, where they can manage all regulatory data collection, validation, enrichment, and submission to relevant TRs and regulatory bodies in one place, as depicted here.

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KEY FEATURES

PROVIDES CONFIGURABLE ELIGIBILITY AND REPORTABILITY ENGINES

DELIVERS FLEXIBLE AND TRANSPARENT DRILL-DOWN VIEWS WITH BESPOKE DATA ORDERING

DISPLAYS A VIEW OF EXCEPTIONS BY STATUS — WITH INSIGHT INTO DATA-QUALITY ISSUES

ENABLES A FULLY AUDITABLE AND TRACEABLE RESOLUTION OF TRADE EXCEPTIONS

PRODUCES CORRECT REPORTS AND ENABLES SIGN-OFF

SUPPORTS ALL REPORT SUBMISSION FORMATS, INCLUDING XML ISO 20022

DEPLOYABLE ON AXIOMSL'S SECURE REGCLOUD

End-to-End Trade and Transaction Reporting

The T-and-T solution handles end-to-end transaction reporting automatically, and with full traceability and auditability. Since T-and-T seamlessly integrates with other systems in the T-and-T universe, counterparties benefit from a non-invasive approach, enabling them to reduce implementation time and costs and deliver complete, timely, and accurate regulatory reports across global regimes, while reducing total-cost-of-ownership (TCO).

The solution delivers an efficient and non-siloed process for T-and-T submission and subsequent exception management by:

- Providing configurable eligibility and reportability engines
- Leveraging AxiomSL's extensible SecurityView data dictionary to identify/enrich/validate in-scope trades before TR submission
- Enriching trade data with reference data and a unique trade identifier (UTI) as required
- Interfacing with other systems for complete and final enrichment of the transaction message before applying the pertinent life cycle event
- Facilitating TR submissions — including delegated submissions — with automated connections and transmission
- Providing transparency via user-friendly dashboards for end-to-end workflow management, eligibility assessment, and TR reconciliation
- Offering secure RegCloud™ deployment

T-and-T strengthens auditability with complete and transparent data-source drilldown, and the efficiencies gained by having clean and validated data on a single platform reduce maintenance costs and resource burdens for counterparties. In addition, AxiomSL's dedicated subject-matter experts analyze regulators' updates and promptly integrate changes into the T-and-T solution, enabling counterparties' confidence in regulatory compliance.

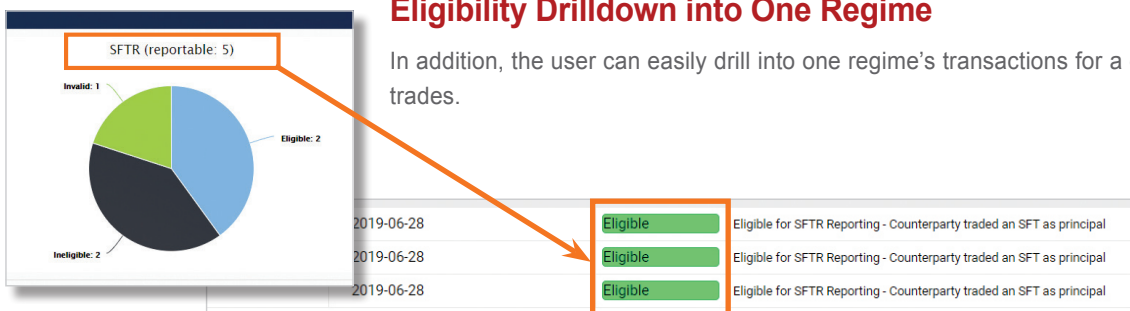
Eligibility Dashboard Across Regimes

Reportable trades across regimes are clearly displayed on a user-friendly dashboard, as depicted here, providing a holistic view of multiple regimes for the user. Because any relevant regimes are housed within the T-and-T solution, the user can easily filter by regime, asset class, entity, date, status, as well as other criteria for a different view.



Eligibility Drilldown into One Regime

In addition, the user can easily drill into one regime's transactions for a closer look at eligible trades.



Exception Management Dashboard

T-and-T's exception management capabilities are designed to enable counterparties to focus on reviewing and managing exceptions through a flexible and transparent user interface. The user's dashboard clearly displays accepted reports and exceptions, along with the exception reason as it pertains to an individual trade, as depicted here.

Instance Date	Adjustment	Batch	Entity	Regime	Repository	S	Asset Class	Message Type	Action	Unique ID	Internal ID	UTI/USI	Action Status	Status Summary
2018-08-16	P1_ADJ	2018-08-16 00:00:00	P1	Axiom	EMIR_RTS	DTCC	FX	Snapshot	N	AXIOM_US	U9SWLGJM2	U9SWLGJI		FAILED
2018-08-16	P1_ADJ	2018-08-16 00:00:00	P1	Axiom	EMIR_RTS	DTCC	FX	Snapshot	N	AXIOM_VL	VLOSKE674C	VLOSKE67		FAILED
2018-08-16	P1_ADJ	2018-08-16 00:00:00	P1	Axiom	EMIR_RTS	DTCC	IR	Snapshot	N	AXIOM_XE	XBAKRLZV4I	XBAKRLZV		FAILED
2018-08-16	P1_ADJ	2018-08-16 00:00:00	P1	Axiom	EMIR_RTS	DTCC	FX	Snapshot	N	AXIOM_ZJ	ZJQ05TBA0T	ZJQ05TBA		FAILED
2018-08-16	P1_ADJ	2018-08-16 00:00:00	P1	Axiom	MIFIDII	UnaVista	N/A	NotRequired	NEW	AXIOM_21	2160DDYEM	TRANS12		AWAITING ACK
2018-08-16	P1_ADJ	2018-08-16 00:00:00	P1	Axiom	MIFIDII	UnaVista	N/A	NotRequired	NEW	AXIOM_23	23839E6614I	TRANS04		FAILED

Unique ID	Error Field	Error Category	Error Value	Error Reason	Error Description
AXIOM_23839E6614KX3JWPLJR	f77_FirmExecutionID	Trade		f77_FirmExecutionID is missing	If field 1 "Report Status" is "NEWT" and this field is blank then error.

Exception Management Drill-Down Layer

Users gain further insight regarding any outstanding issues to be resolved by leveraging the dashboard's flexible navigation to drill directly into the underlying data of a trade. Users can correct and/or add any missing fields in order to resubmit to the relevant TR. In addition, the trade repository acknowledgment response (TR-ACK) for the resubmission and resolution are linked to the original exception with a fully traceable audit trail. Therefore, transactions requiring resubmission can be amended with an auditable and traceable history, as depicted here in an EMIR exception example.

Instance Date	Adjustment	Batch	Entity	Regime	Repository	Service	Asset Class	Message Type	Action	Unique ID	Internal ID	UTI/USI	Action Status
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	M	IG/549300LH9YXVHGYN5555_3412302/549300ZDBUCTRBOPM023/-F	3412302-F	549300LH9YXVHGYN5555_3412302
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	N	IG/549300LH9YXVHGYN5555_3413670/549300ZDBUCTRBOPM023/-B	3413670-B	549300LH9YXVHGYN5555_3413670
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	N	IG/549300LH9YXVHGYN5555_3413672/549300ZDBUCTRBOPM023/-B	3413672-B	549300LH9YXVHGYN5555_3413672
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	N	IG/549300LH9YXVHGYN5555_3413672/549300ZDBUCTRBOPM023/-F	3413672-F	549300LH9YXVHGYN5555_3413672
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	M	IG/549300ZDBUCTRBOPM023_3406874/549300ZDBUCTRBOPM023/-F	3406874-F	549300ZDBUCTRBOPM023_3406874
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	M	IG/549300ZDBUCTRBOPM023_3406878/549300ZDBUCTRBOPM023/-F	3406878-F	549300ZDBUCTRBOPM023_3406878
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	N	IG/549300ZDBUCTRBOPM023_3413637/549300ZDBUCTRBOPM023/-F	3413637-F	549300ZDBUCTRBOPM023_3413637
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	N	IG/549300ZDBUCTRBOPM023_3413641/549300ZDBUCTRBOPM023/-F	3413641-F	549300ZDBUCTRBOPM023_3413641
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	N	QI/10100002383FFDAC7680DE4B4AAE83BA031A2084E/G1KG000D10NOMCMLSS55	E180017902-F	10100002383FFDAC7680DE4B4AAE83BA031A2084E
2018-08-17	E1000_ADJ	2018-08-17 00:00:00	E1000	BP PLC	EMIR_RTS	UnaVista	NotRequired	CO	Trade	E	QI/BPTPEMPE180017902/G1KG000D10NOMCMLSS55-F	E180017902-F	BPTPEMPE180017902

Unique ID	Error Field	Error Category	Error Value	Error Reason	Error Repeat Number	Error Description
QI/E02549300M0F1SGKNRNV53E180017943/213800GRNCIVY8YMCDE	f54_CurrencyOfPrice	Trade		f54_CurrencyOfPrice is missing		If field 53 "Price Notation" is "U" and this field is blank then error.
QI/E02549300M0F1SGKNRNV53E180017943/213800GRNCIVY8YMCDE	f59_UpliftFromPaymentCurrency	Trade		f59_UpliftFromPaymentCurrency has invalid currency		If populated must be a valid ISO 4217 3-character currency code else error.
QI/E02549300M0F1SGKNRNV53E180017943/213800GRNCIVY8YMCDE	f73_CCPIID	Trade		f73_CCPIID has invalid length		If populated must be equal to 20 characters else error.

As regulators layer on requirements, counterparties require a sustainable process to handle all trade and transaction regulatory submissions across regimes.

COMPRESSION EXERCISE	PRICE / RATE	PRICE NOTATION	CURRENCY OF PRICE	NOTIONAL	PRICE MULTIPLIER	QUANTITY	UP F
1	621.50	U		100.00	1.00	1.00	

Broad and Deep Global Regime and TR Coverage

As a global leader in risk and regulatory data management and reporting solutions, AxiomSL constantly surveils the global T-and-T landscape to update and add coverage of TRs and regulators to meet the needs of counterparties globally. AxiomSL's T-and-T solution currently covers or is planning to cover every relevant trade and transaction regime and associated TR on a global basis, as indicated in the coverage matrix.

AxiomSL's T-and-T Comprehensive Global Coverage Matrix

Regimes	Trade Repositories (TRs)								
	CME	DTCC	EFETnet	HKMA TR	REGIS-TR	Trax	TRADEcho	Trayport	UnaVista
ASIC	✓	✓							
Canada	✓	✓							
DFA	✓	✓							
EMIR	✓	✓			✓	✓			✓
FinfraG		✓			✓		✓		
HKMA		✓		✓					
MAS		✓							
MiFIR APA						✓	✓		
MiFIR ARM						✓			✓
REMIT			✓					✓	
SFTR	✓	✓			✓				✓

Denotes planned or current coverage

An Intelligent Platform

Given current and ever-evolving global trade and transaction reporting requirements, counterparties seek a solution that will enable them to flexibly and quickly respond to regulatory changes. AxiomSL provides a full range of solutions for T-and-T including SFTR, MiFID II, and EMIR, as previously mentioned. With the transparency and control afforded by T-and-T and the delivery of clean, validated data in a single, regime-agnostic solution, counterparties can leverage the power of AxiomSL's intelligent platform to confidently and efficiently comply with regulatory requirements, optimize resources and derive insight from transparent and trusted T-and-T data.

In addition, financial institutions are concerned with the challenges around Global Shareholding Disclosures. AxiomSL's single data integrity and control platform, ControllerView, enables clients to manage these and a broad range of complex requirements in one place – securely on RegCloud or on premises. The platform's fully auditable drilldown and complete data lineage provide control over data and reporting requirements.

AXIOMSL®

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