SOLUTION BRIEF

Trade Compliance Management

Leverage Data Aggregation to Automate
Trade Compliance Management

To keep pace with automated solutions for trade compliance, your platform needs to be optimized for compliance teams and the employees they monitor. An automated, streamlined, and reliable solution audits and tracks employees' personal investments, enabling compliance teams to mitigate conflicts of interest and meet regulatory requirements.

The Challenges of Doing It Well

Many compliance platforms require employees to manually upload their own investment account data, resulting in an inefficient process that's both time-consuming and susceptible to human error.

Data Aggregation Streamlines Compliance Monitoring

Automating your platform's trade monitoring processes can eliminate many of the limitations presented by traditional compliance monitoring.

The key is to enable employees to aggregate their personal investment account data, including all holdings and transactions. With an automated aggregation process, the data can be collected daily and fed into rules-based engines to monitor and mitigate employee conflicts of interest. The data required for trade compliance also needs to be detailed in order to accurately identify all of the buy-sell activity, as well as the underlying securities that the holdings are linked to.

To support accurate compliance management, your aggregated data should be:

- **Well-structured and consistent:** Positions and transactions are mapped to their precise names, symbols, and share class.
- **Easy to Access:** Employees (account holders) can permission access directly to their investment data without requiring you to engage with multiple administrators or custodians.
- **Interoperable:** The data is universal, presents a single source of truth, and is easily used by all of your stakeholders.

The data aggregator you choose should also be highly reliable, with minimal to no downtime. If the data aggregation process is interrupted, transaction activity will be missed.

The Morningstar® ByAllAccounts® Difference

ByAllAccounts is a sophisticated financial data aggregator that enriches data specifically for investment use cases such as trade compliance management. Our solution is powered by artificial intelligence, machine learning, and more than 20 years of institutionalized knowledge. ByAllAccounts is the trusted partner for many of the industry's leading trade compliance management platforms.

Connectivity & Coverage

ByAllAccounts provides connections to over 15,000 financial data sources, including custodial feeds and open banking application programming interfaces (APIs). Our format-agnostic approach aggregates the best quality investment data, including the investment long tail. And thanks to our broad coverage, there's no need to restrict employees' brokerage options.

Data Enrichment

Using a five-stage enrichment process, ByAllAccounts delivers data that's complete, accurate, consistent, interoperable, and actionable.

01   **Acquire:** Data is gathered from a variety of financial sources, including the investment long tail of sparsely used smaller institutions, via direct feeds, open banking APIs, and other custodial connections.

02   **Parse:** The collected data is sorted, organized, and structured into a sophisticated data model for investment use cases.

03   **Normalize:** Any incomplete or ambiguous data elements are translated into standard data types. The data is made consistent and complete.

04   **Enrich:** Related positions, transactions, and securities are linked together, and any gaps are filled so the data becomes actionable.

05   **Deliver:** The data is prepared and delivered in a variety of configurable formats tailored to the unique requirements of the customer's reporting platform.

- Automated uploading saves time and reduces manual errors.
- Gain timely and seamless access to employee trade data.
- Benefit from more flexibility with broad investment data coverage.

Central to the enrichment process is our industry-leading Morningstar® Security Master—its proprietary capabilities include security and investment activity matching.

- Up to 4.6 million publicly traded securities can be mapped, and securities from over 15,000 financial sources can be successfully matched.
- Morningstar Security IDs are used in the mapping process for seamless data integration with Morningstar solutions.

While some aggregators have multiple tiers of data quality, ByAllAccounts offers only top-quality data to facilitate trade compliance management.

Reliability & Uptime

ByAllAccounts maintains continuous, live connections to data sources in order to correctly extract data. Our detailed error reporting and alerts make it easy for issues to be resolved quickly and efficiently. In the unlikely event of a disruption, we retroactively gather any missed data from the inactive period once the connection has been restored, so you never have to worry about missing critical insights for your compliance review.

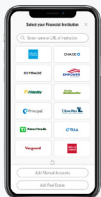# Contact Your Local
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Ready to Make High-Quality Data Your Trade Compliance Partner? See for yourself how ByAllAccounts can deliver expertly matched data to monitor and manage trade compliance.

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