

Thomson Quantitative Analytics

QADirect

Key Advantages

- Locally installed, FTP-updating Microsoft SQL Server 2005-formatted database
- Industrial-strength data integration and warehouse capabilities for easy integration with 3rd party applications and direct distribution to proprietary front-ends
- Data tables which allow for easy viewing of changes
- Over 100 example queries to illustrate data access, joins and links
- Fully documented database schema with diagrams
- Superior technical support

QADirect empowers developers and information technology professionals to directly access MarketQA's normalized database in Microsoft SQL Server 2005 format. In addition to superior integration and data normalization, QADirect clients immediately benefit from its advanced database structure, extensive data offerings from the most respected data vendors, and fast implementation. Used by some of the top investment management firms in the world, QADirect provides users with robust data integration and warehousing capabilities and works seamlessly with third-party database reporting tools and statistical software packages.

Unparalleled Strengths

One Accurate Normalized Database

One of the unparalleled strengths of QADirect is its integration of premium market data providers, including: S&P, Thomson, MSCI, and Frank Russell, among others. To alleviate the confusion caused by vendors using varying ticker symbols to represent the same issue, Thomson Quantitative Analytics uses a combination of current and historical cusips, sedols, vendor identification codes and exchange tickers, to map information from all data vendors to a single, unique identifier. All data is updated as soon as it is made available by each vendor and is subjected to rigorous daily manual and automated cleansing. These unique identifiers do not change and are never reused.

Data Quality Assurance

Thomson Quantitative Analytics performs multiple daily automated and manual error-checking procedures to ensure QADirect provides users the most accurate data available. A sample of these nightly checks include:

- Open/Hi/Lo/Close price validations—setting standard deviations to identify inaccurate prices
- Dropped security IDs—tracing securities that disappear from the stock list and across all other data contributors
- Shares outstanding and market cap—testing for accuracy
- Dividend Records—reviewing for accuracy
- Duplicate tickers—identifying/correcting duplicate tickers
- Application of missing corporate actions across vendors

Outpost Technical Specifications

	SERVER	CLIENT	TECHNICAL FACTS
<p>QADirect (Database and supporting update mechanism)</p> <p>* MS SQL server software not provided.</p>	<p>Microsoft Windows 2003 running on server class hardware; 2.6GHz or greater processor (multiple processor supported); 4GB of memory min, 6GB recommended; Microsoft SQL Server 2005 and Windows Script Host Vers. 5.6.; DVD Rom (for installation and data upgrades).</p> <p>Disk space equivalent to 3x current data permissions (contact Thomson QA for specifics).</p> <p>* Internet connectivity for daily updates.</p>	<p>Data accessed directly through MS SQL 2005 Query Analyzer or any third party analytical software capable of connecting to MS SQL Server 2005.</p> <p>* All above to be provided by customer.</p>	<p>* Systems need to include all current software updates.</p>

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