

THOMSON REUTERS QA STUDIO

POWERED BY PALANTIR

Thomson Reuters QA Studio is the next-generation analytics platform for sophisticated quantitative research. Combining a global, normalized database with an intuitive user interface, QA Studio allows you to explore data, construct model portfolios, identify hidden patterns within data, and collaborate with other users.

QA Studio provides a platform of comprehensive, fully-integrated applications. These applications can be used in tandem to build research and trading analyses. Rather than limit your workflow, QA Studio allows you to combine applications for exploratory analysis.

POWERFUL ANALYTICS

Identify alpha-generating insights faster. Powerful analytics and visualization capabilities paired with intuitive access to your data dramatically reduce the time to take your best ideas to market.

Explorer

Quickly, easily and intuitively explore the underlying datasets. Explorer provides a revolutionary screening method for working with all of the instruments in your financial universe in a unified, flexible manner. Apply powerful filters to select the group of instruments that match your specific criteria. Dynamically apply these screens to any point in time, and export the group to another application to monitor, share, and develop your ideas further.

Factor Builder

Point and click your way through alpha factor construction. We expose techniques for normalizing data, filling in missing values and other common quant workflows through drop down menus and interactive windows so you can easily create and transform factors. Customize any metric for proprietary factor generation, and build your own factor library for backtesting.

Factor Tester

Dynamically access any alpha factor in your library in the Factor Tester application. Configure your backtest along a number of commonly used dimensions. Specify the date range, select the relevant output statistics and decide to study performance by sector, year, or country. Utilizing cutting-edge technology, you can quickly execute your backtests and generate a suite of impactful backtesting statistics.

Dashboard

Utilize an intuitive report generation tool that allows you to bring together your full analysis within QA Studio.



Build custom backtest reports.

View results of your backtests in pre-built reports or generate custom reports to bring your analysis together and view the results of your research. Reports are fully pluggable and you have the flexibility to customize the mix of charts and statistics you want to include in your report.

Strategy

Test your trading hypothesis by running a portfolio simulation in the Strategy application. QA Studio's open-ended system allows you to quickly write a sample strategy or design a sophisticated set of rules involving hundreds of instruments. You have complete control to tailor every aspect of how your trading strategy is implemented.

Date Set

Define the time period for your analyses using just about any criteria you can imagine. Run backtests on simple calendar terms or run event-studies, choosing to backtest your strategy around specific market periods. All the applications in QA Studio interact with Date Set, so wherever you are in the platform you'll always be able to focus your analysis on a preferred time range.

Other Functionality

QA Studio comes with a number of other pre-packaged applications that fill specific, orthogonal

WHAT MAKES QA STUDIO UNIQUE?

- **POWERFUL ANALYTICS:** Powerful analytics and visualization paired with intuitive access to your data dramatically reduce the time to take your best ideas to market.
- **FLEXIBILITY:** Build custom functions and workflows, or use point-and-click applications – only QA Studio offers a sophisticated, scalable solution.
- **COLLABORATION:** Break down barriers and allow different types of users at a firm to work together.
- **DATA INTEGRATION:** Benefit from a global, normalized database with the ability to integrate your proprietary and third party data.



needs and we are upgrading applications with every version. With QA Studio you can:

- Utilize regression capabilities and data visualization to help identify the hidden patterns in data
- Build custom indices
- Plot any combination of instruments, charts and expressions in the Chart application
- Build custom metrics to create proprietary statistics and analysis

DATA INTEGRATION

Focus on discovering alpha rather than dealing with data-related nuances.

QA Studio is integrated with **QA Direct**, offering the power of a global, normalized database alongside an intuitive, visual interface. Our security master provides a consolidated, integrated database for efficient data management. Plus, you have the flexibility to easily integrate your proprietary and third-party data.

COLLABORATION

QA Studio provides a framework to test multiple hypotheses and create a complete, sharable history of the analytical process. The platform saves snapshots of all versions and steps in your analysis to allow you to revert to a prior state or to return to your analysis at a later date and tweak inputs or re-apply the workflow in the new market environment.

All of the analysis created in QA Studio can be shared across your organization. Permission your team members to access your research - they can create a copy for themselves, and adjust your assumptions to see how the results are impacted. Use QA Studio to take a screenshot of your research and email it to colleagues. The email contains an embedded hyperlink so they can easily open that piece of research in QA Studio.

FLEXIBILITY

Where other applications lock you into their workflows, QA Studio supports infinite analytical creativity. From calculating simple factors to utilizing a fully featured scripting language, you have ultimate flexibility free from the constraints of other commercially available platforms. The provided templates and applications are just a starting point provided to facilitate core workflows, and the platform is designed to support proprietary analytics and inspire creative extension of your ideas. Only QA Studio offers a sophisticated, scalable solution that allows for ultimate flexibility.

SUPPORT

At any time, our experienced support team is available to speak with you. Our global team of product specialists provides software training for new users, ongoing assistance, and daily support for financial research projects that require backtesting, model development, strategy simulation and database expertise. Our specialized group of dedicated technicians is experienced in server operating systems, networking and database administration. We are committed to delivering the timely and informative help your team expects.

THOMSON REUTERS QUANTITATIVE ANALYTICS

Thomson Reuters Quantitative Analytics delivers solutions that bring together our normalized financial database and powerful analytical capabilities. This suite of solutions provides the analytical and data management tools required by quantitative investors.

- **QA Direct** offers a normalized financial database, which can be accessed directly in Microsoft® SQL 2005 or Oracle.
- **MarketQA** offers the same normalized database, with a proprietary scripting language for flexible analysis.
- **QA Studio** combines a global, normalized database with intuitive, powerful analytics so you can develop alpha-generating insight faster.
- **FasTick** is a solution for the ongoing capture, storage, and sophisticated analysis of high frequency tick data.

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