

# REUTERS NEWSSCOPE

MACHINE-READABLE NEWS TO FUEL YOUR TRADING APPLICATIONS

Trading professionals trust Reuters news for its speed and accuracy. Now you can leverage the power of our global news to fuel your mission-critical applications and algorithms in real-time. Seize opportunities, exploit market inefficiencies and manage event risk with world-renowned news from Reuters.

## **NEWS THAT GUIDES FINANCIAL DECISIONS**

On the screens of over 370,000 financial and media professionals worldwide, Reuters news is prized for breaking political, company and economic stories. When you subscribe to Reuters NewsScope, you're using a rich flow of information that guides the decisions of top financial professionals worldwide.

## **THE NEWS FRONTIER**

News is now being exploited by trading applications to help manage event risk and generate alpha. By recognising and processing news events as they happen, algorithms that read the news, not just the latest market data, can react to breaking developments at lightning speed, anticipating how the markets will respond. Able to process much more news, far more quickly and consistently than human operators, this next generation of algorithms, is the key to managing the scale and scope of your investment portfolio.

Thomson Reuters provides the fast, reliable machine-readable news content you need to make effective news-based algorithmic trading a reality. With the aid of our news data, your algorithms can gain an edge, with the ability to react effectively to the events that affect the securities in your portfolio.

## **THE COMPLETE ALGORITHMIC SOLUTION**

The NewsScope product suite is a complete range of solutions for automated news analysis.

### **Reuters NewsScope Archive – historical news for back-testing and analysis**

With historical news from Thomson Reuters and third-party sources going back to January 2003, Reuters NewsScope Archive also includes metadata tags and millisecond timestamps for accurate back-testing. Use it in conjunction with our companion price history product Reuters DataScope Tick History and you can search for hidden correlations between reported events and past trading behavior. Just what you need to train and test algorithms so they respond more effectively to the real-time events that are moving the markets.

### **Reuters NewsScope Real-time – interpret the news as it happens**

Once you have identified historical trading patterns, Reuters NewsScope Real-time enables you to employ them in real-time trading applications. You can programmatically trade off both Reuters and other news in real time, and deliver a feed directly into your algorithmic trading systems.

### **Reuters NewsScope Sentiment Engine**

If you need automated news analysis, Reuters NewsScope Sentiment Engine analyzes the qualitative information in text feeds to produce quantitative scores that machines can interpret.

Reuters NewsScope Sentiment Engine analyzes news across three dimensions: sentiment – how positive, negative or neutral a story is; relevance – how substantive the story is for a given company; and novelty, how unique the article is over user-defined time periods. It does all this in real time – and also includes the world's most comprehensive history of these values across more than 8,000 companies, essential for research and back-testing.

### **Reuters NewsScope Event Indices**

Reuters NewsScope Event Indices deliver a set of real-time indicators which measure the relative level of news across different categories and assets: this can serve as a predictive indicator of market movements, and research available from Thomson Reuters has already proven a link between the news event indices and market volatility.

### **Reuters NewsScope Direct**

Our state-of-the-art delivery platform, Reuters NewsScope Direct is an ultra-low latency, machine-readable news feed designed specifically for programmatic and algorithmic trading applications.



THOMSON REUTERS

**WORLD-CLASS NEWS COVERAGE**

For more than 150 years, Reuters has been associated with breaking the world's most important stories. Ours is the world's largest international news agency, with over 2,300 journalists in almost 200 bureaux around the world. We gather and edit news in 19 languages, 24 hours a day, 365 days a year, applying our principles of independence, integrity and freedom from bias to each story.

**Macroeconomic news** – in a business where milliseconds count and there is a reliance on accurate and timely macroeconomic data, we deliver real-time updates on over 1,000 macroeconomic indicators globally, from around 50 countries.

**Equities** – we cover over 12,000 companies globally, tracking short and long-term leads in key industries: banking and financial services, M&A, technology, telecoms, media, retail and consumer goods, insurance, airlines, aerospace, defence, automotives, engineering, energy and utilities.

**Political and general news** – whether it's an election, a war, or a disaster, you can trust Reuters to be there and report the news to help you make more informed decisions. We focus on news that impacts political, security and investment risk in key emerging markets, with a premium on politics, legislation, economic policy, civil and labour unrest, terrorism, corruption and crime.

**Fixed income** – we provide round-the-clock coverage and breaking news of credit instruments, asset types and primary/secondary markets – from major government and corporate debt to asset-backed securities, mortgage-backed securities and municipal bonds.

**Currencies** – anything and everything can affect foreign exchange, and our team of experienced FX journalists is there to tell you what's happening and why it's important. Our currency specialists in developed and emerging markets worldwide provide regular insights on currency dealing.

**Energy** – we report events that move the markets in crude, petroleum products, power and gas and emissions.

**Commodities** – Thomson Reuters offers real-time, 24/7 coverage of base and precious metals, grains, oilseeds, livestock and soft commodities.

**STORIES YOUR ALGORITHMS CAN INTERPRET**

Our news coverage comes in many languages – but your algorithms will be able to understand them all, thanks to a rich array of metadata tags attached to each alert, story and subsequent update:

- **Security ID** – Reuters Instrument Codes (RICs) tell you which companies and securities are involved in a story
- **Topic codes** – Over 700 topic codes allow you to identify a story's subject matter, from mergers and acquisitions to results announcements and new product development
- **Industry codes** – A set of industry and sector codes enables you to map news stories to the sectors you cover
- **Many more powerful tags** – including geographic, editorial, story and category type codes, among others

Learn more about how Thomson Reuters can help you use news to exploit market inefficiencies by speaking to your Thomson Reuters representative.

To find out more about how Reuters NewsScope can help your business visit <http://about.reuters.com/productinfo/financial/>

or email [newsscope@thomsonreuters.com](mailto:newsscope@thomsonreuters.com)

