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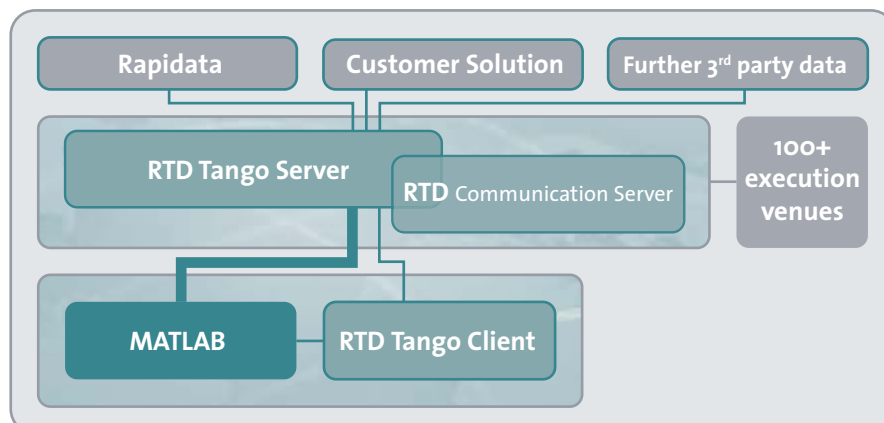
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**1. SOLUTIONS FOR ALGORITHMIC TRADING – MATLAB®**

**RTS FORMS STRATEGIC ALLIANCE WITH MATLAB FOR RTD TANGO INTEGRATION**

Since its founding in 1984, The MathWorks has become the leading global provider of software for technical computing and Model-Based Design. Mathwork's products MATLAB® and Simulink® are now fundamental tools at the world's most innovative technology com-



panies, government research labs, universities and financial institutions.

**Financial professionals rely on MATLAB to reduce development time, minimize costs and risks, analyze and visualize costs and integrate new models.**

With its more than 600 mathematical and statistical functions, MATLAB gives users immediate access to high-performance numerical computing. This functionality is extended with interactive graphical capabilities for easily creating plots, images, surfaces and volumetric representations.

Soon to be incorporated into RTD Tango, the RTS event-based automated algorithmic trading solution, the MATLAB environment allows traders and programmers alike to reduce time to market of trading strategies.

In conjunction with RTS's low latency execution capabilities across 100+ markets, the new mathematical functions will provide traders with the ultimate toolset to code and integrate their trading strategies and ideas.

The recently signed partnership will help RTS customers like statistical arbitrageurs, high frequency traders and portfolio managers. The latter are going to be able to "outsource" CPU intensive risk calculations to MATLAB, seamlessly take the aggregated results and execute the appropriate strategies via RTS' 100 + execution venues.

In order to integrate additional feeds into the low latency environment of RTD Tango, RTS has developed a dedicated API, the Feed API. »

## EDITORIAL

### STEFFEN GEMUENDEN

Chairman & CEO, RTS Realtime Systems Group



What a year this has been! We consider ourselves very fortunate that, despite the extraordinary volatility, the state of the global economy and the reverberations throughout the financial services sector this fall, RTS has fared well. Our diversified

and growing base of products and services continue to meet the evolving needs of banks, brokers, traders, CTAs, hedge funds, exchanges and other market participants.

We also recognize that our clients are facing tremendous pressure to keep their costs down and maximize efficiencies. To that end, our data center offering has grown in popularity as clients turn to us for a hosted solution that combines robust technology with speed, low latency and access to multiple marketplaces.

In this issue, we discuss our newest data center expansions and offer a closer look at Equinix, the company that houses several of our data centers. We are especially pleased to share with you information about MATLAB®, the high-level technical computing language and interactive environment that will soon be incorporated into our RTD Tango algorithmic trading solution. We also take a look at the new ONN.TV offering and share highlights from our “Market Chat” series during the 24th Annual Futures and Options Expo last month.

It was great to see so many of you at our algorithmic trading seminars co-hosted with partners and exchanges across the world. We enjoyed the interaction with all attendees and are already planning the next series. For updates on this and other RTS developments, visit our newly rebranded website [www.rtsgroup.net](http://www.rtsgroup.net).

On behalf of all of us at RTS, we wish you a joyous holiday season and a happy and healthy new year. We look forward to working with you in 2009.

Sincerely,  
Steffen Gemuenden

» Article 1 continued from first page

*Third party vendor data which is not provided by execution venues will be fed directly to the RTD Tango server. Risk calculations, statistical evaluations and strategy modeling can now be done on the client level. The Feed API allows users to profit from reduced server load and from enhanced custom functionality.*

**RTD Tango is a multi-asset, multi-exchange event based algorithmic trading solution that enables users to quickly code, test and deploy thousands of trading strategies simultaneously.**

#### Want to know more?

Attend our upcoming free seminars focused on algorithmic trading hosted in **New York, San Francisco, Frankfurt, London, Paris, Chicago, Houston, Singapore, Dubai...** Learn more about the capabilities of MatLab, Weather Insight, RapiData and further third party solutions integrated into RTD Tango.

**Register online:** [www.rtsgroup.net](http://www.rtsgroup.net)

## 2. INSIDE EQUINIX

### INTERVIEW WITH JOHN KNUFF, EQUINIX

On November 12, RTS announced with Equinix, Inc. that it now has data centers located in four Equinix sites in the United States, in addition to data centers in major cities in Europe and Asia. Global enterprises, content and financial companies as well as network service providers rely upon Equinix’s insight and expertise to protect and connect their most valued information assets. Equinix operates 41 International Business Exchange™ (IBX®) data centers across the world.

**As the company is an RTS technology partner and the leading home to data centers and co-location facilities serving the financial industry, Screenshot spoke with John Knuff, Equinix Director of Business Development/Global, to offer readers additional insight into the organization and its facilities.**

#### What is Equinix in a nutshell?

*We’re a co-location and data center provider. We were founded 10 years ago by people who were instrumental in the earliest days of the Internet. Equinix got its start as a neutral meeting place for the carrier and network industry. What we’ve seen in the last 10 years is that our co-location and data center facilities are unique because they are the major crossroads for telecommunication carriers in a neutral environment.*

#### What is the position of Equinix within the financial industry?

*With the upsurge in electronic trading and the reliance on carriers, financial extranets and robust network offerings, our services have become more important than ever in the financial industry. We set ourselves apart from the competition in that we have actively sought out and made our centers a neutral meeting ground for approximately 300 carriers. Typically, we have anywhere from dozens to 100 carriers in each of our sites, which is a great value proposition for our clients. So even when some of these carriers are competitors in their offering of co-location facilities – and large customers of ours as well – we are by far the market leader both nationally and globally in network interconnection. Our financial industry clients appreciate the ability to use one provider for both their primary and secondary sites.*

#### What is your role within Equinix?

*My role is to focus on the financial industry and to ensure that our products and requirements globally align with those of the financial industry. I work very closely with a lot of the exchanges in the U.S., Europe and Asia on their deployment strategy. It’s interesting* »

» Article 2 continued from second page

*that some of the exact drivers that created Equinix – the need to provide a neutral marketplace that’s connectivity-rich – are really present in the financial industry today.*

#### **What have you seen change in the past few years in terms of what is needed and what you provide?**

*A couple of things have changed. There is now recognition from major exchanges that co-location is important to their client base. They understand that traders want proximity to their matching engine. We’re also seeing increasing fragmentation in the markets – first in the securities world in the U.S. and now in Europe with the creation of multi-lateral trading facilities (MTFs). We’ll be seeing this in Asia soon as well. With all of the fragmentation, what’s important again is the network-rich offering. If your firm does market sweeps or smart order routing, it’s critical that you be in a location where you don’t have a latency disadvantage.*

#### **How have 9/11 and the recent economic crisis affected your way of doing business?**

*9/11 had a tremendous impact, of course, on everyone. In our case, we were very focused on September 17, 2001, when we were reconnecting networks and service providers and addressing the major outage in Manhattan as the markets prepared to re-open. Post 9/11, what really hit home for companies was the importance of eliminating the possibility of single points of failure and putting disaster recovery plans in place. There was increasingly demand for a location that was geographically distant from the primary site.*

*In regard to the current economic crisis, we’ve seen an uptick in business and acceleration of projects. Those firms that haven’t been exclusively employing electronic trading are recognizing the ability to reduce costs and increase efficiencies. Firms are also increasingly interested in pre-trade and post-trade risk monitoring. With all of the M&A activity, that tends to lead to a good upsurge in demand for our services as well.*

#### **What is your outlook for 2009?**

*In 2009, we are expanding our presence in Asia beyond Sydney, Singapore, Hong Kong and Tokyo. In addition, we’re extending our Equinix Financial Exchange offering to Amsterdam, which is a good location for firms trading between London and Frankfurt. This will supplement our Chicago, New York, London, Paris and Frankfurt offerings.*

#### **Did you know that RTS offers worldwide hosting & proximity services?**

- Strategically located in London, Frankfurt, New York, Chicago...
- Access to worldwide derivatives and cash markets
- Rapid deployment of all RTS trading solutions
- Cost effective – no infrastructure, no support costs
- Remote desktop technology
- Fully managed hosted solutions offered

**Read more on:** [www.rtsgroup.net](http://www.rtsgroup.net)

#### **LIVE WEBCAST – DATA CENTER RELIABILITY: KEY TRENDS THAT AFFECT YOUR BUSINESS**

In today’s information-driven world, you rely on the operational availability of data centers and other IT infrastructure to keep your business running. That’s why it is vital you stay abreast of evolving industry trends that may affect the reliability of your mission-critical infrastructure.

**When: December 10, 2008, Time: 11:00 am CST - 12:00 pm**

Registration: <https://cc.readytalk.com/cc/schedule/display.do?udc=1b191vatk5juw>

#### **LATEST PRESS RELEASES**

- RTS Offers Access to NASDAQ OMX Europe
- RTS expands operations at Equinix Data Centers with new deployments in Chicago and New York
- Korean Broker Shinyoung to provide DMA to Korean market using RTS technology
- RTS appoints Alexander Lamb to the Executive Board

### **3. “ASIA ON THE HORIZON”**

#### **FIA EXPO – MARKET CHATS**

*Continuing its effort to promote dialogue on issues of importance to the industry, RTS hosted its second annual Market Chat series during the 24th annual FIA Futures & Options Expo November 12. John Howard, Publisher of Automated Trader magazine, moderated the discussions this year.*

The first panel was “Market Trends,” featuring two outspoken panelists: John Lothian, publisher of the popular “John Lothian Newsletter,” President of the Price Group and founder of MarketsWiki, (see Interview in Screenshot 12) and Jon “Dr. J.” Najarian, co-founder of Option Monster and frequent television commentator.

The panel entitled “Asia on the Horizon” featured Thomas McMahon, President of the Hong Kong Mercantile Exchange; Matthias Rietig, Vice President, Business Development for the Osaka Securities Exchange; Nick Ronalds, Head of FIA Asia; and Henk Huitema, Managing Director of RTS Asia Pacific.

**To view the Market Chats please go to:** [www.rtsgroup.net](http://www.rtsgroup.net)

## 4. ONN.TV – A CLOSER LOOK

Have you checked out ONN.tv yet? A broad range of futures and options traders are turning to the new Options News Network as a valuable source of news, commentary, interviews, education and even entertainment. Launched in May 2008, the network features a wide range of original Web-based video-on-demand programming that's giving other business networks a run for their money. Its free website, [www.onn.tv](http://www.onn.tv), is available around the clock, including a "Mark2Market" futures channel and an educational "Options Physics" channel. Screenshot sat down with ONN.tv CEO Matt "Whiz" Buckley and Kevin Cook, host of several ONN programs and resident futures expert, for a closer look.

**"We set out to build a media company solely dedicated to futures and options," said Buckley, CEO of ONN.TV and PEAK6 Media, the parent company of ONN.**



Matt "Whiz" Buckley,  
ONN.tv CEO

With headquarters and studios in the former Chicago Board of Trade building, ONN regularly broadcasts from the trading floors of CME Group and the CBOE and conducts interviews from industry trade shows. The network primarily targets options traders of all skill and experience levels, as well as stock investors thinking about options or futures.

A Navy fighter pilot for 15 years (hence, the nickname "Whiz"), Buckley taught himself how to trade retail options during his 10-year career on active duty. After taking on a grueling overnight schedule flying for Federal Express while in the Reserves, he joined American Airlines. He was scheduled to fly his first commercial assignment for the airline on September 11, 2001, when he found himself flying combat air patrol missions instead.

For a time, Buckley worked five jobs to make ends meet. Then he turned his attention to advising corporations how to apply military strategy and expertise to re-tool and enhance their business. That full-time consulting role and success with his clients ultimately led to an in-house management position, the creation of PEAK6 Media LLC and the launch of ONN. **"We've seen an incredible response to the programming,"** he said, "and because of our resources, talent and production quality, we've set

the bar pretty high for any potential competitors."

Buckley, who graduated from the Navy Fighter Weapons School, believes ONN programming is "top notch" because it not only presents data but digs deeper. One program he hosts, "Mad About Options," takes the recommendations Jim Cramer makes each week on his popular CNBC program "Mad Money" and offers a host of options strategies both for those who believe in Cramer's picks and for those who disagree. A month later, the program analyzes the strategies to see how they fared.

Cook is host to three of ONN's channels and programs. "We're creating a lot of valuable content on derivatives markets," he said. "I see futures and options as two sides of the same coin, and many investors who've learned about stock options are interested in learning about futures trading. With our futures channel, Mark2Market, we can offer greater depth than someone can find on any broadcast channel."

**He said he's having great fun with the programming and likes hearing "from old pros in this business who wouldn't normally talk for the camera."**



Kevin Cook,  
host of several  
ONN programs

He didn't picture himself as a financial trader or broadcaster when he studied philosophy and education, but he always wanted to teach. He found his way to the Chicago derivatives exchanges in the mid-'90s, learning all he could from traders and options market makers in his four years as a clerk. He was then immer-

sed in the intricacies of the futures and interbank foreign exchange markets for nine years when he served as a market maker for CME's Globex® Foreign Exchange Facility (GFX), established to bring tighter markets in FX futures. He joined ONN.tv with the goal of building exciting options education for investors and traders.

"Our Options Physics program teaches that options are more intuitive than people think," Cook said. **Traders can watch the channel to learn the fundamental probability and risk mechanics of options trading in ways they won't find anywhere else.**

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