



**FOR IMMEDIATE RELEASE:**

**Media Contacts:**  
 Marcus Webster  
 FSMLabs, Inc.  
 202-536-5955  
 marcus@fsmlabs.com

**FSMLabs Lowers Latency for Wall Street with Real-Time Networking Stack that Guarantees Network Bandwidth & Task Execution**

Austin, TX – October 25, 2007 – FSMLabs (<http://www.fsmlabs.com>) announces **Enterprise Real-TimeNet** which lowers and guarantees network latency, network bandwidth and network task execution with round-trip worst-case times of 50 microseconds. Real-TimeNet controls network I/O CPU processes with its fully controllable, zero-copy deterministic hard real-time networking stack with support for ICMP, IP, UDP and TCP that improves routing, security and enterprise fault-tolerance by decoupling/separating soft real-time network calls from hard real-time network calls thus creating a “Real-Time Processes Layer” which eliminates network bottle-necks and increases network data throughput. (See table 1).

<i><b>Financial/Securities Applications</b></i>
Run all Linux and BSD applications, middleware, protocols, drivers and services
<i><b>Operating Systems</b></i>
Red Hat, Fedora, SUSE, Gentoo, NetBSD, FreeBSD, etc.
<i><b>Real-Time Processes Layer</b></i>
Real-TimeNet, RTTimeSync and RTMS
<i><b>High Performance Computing (HPC) Platforms</b></i>
HP, IBM, Dell, SGI, Sun, etc. Single or Multi-core x86 based AMD or Intel processors

<b>Table 1: Decoupled Real-Time Processing for Networking &amp; Timing</b>					
FSMLabs’ hard real-time technologies guarantee task execution, network bandwidth, precise timing synchronization and the lowest network latency with the highest computing performance and the greatest data throughput by decoupling soft real-time from hard real-time at the Real-Time Processes Layer.					
<table border="1"> <tr> <td style="text-align: center;"><b>Real-TimeNet for Financial Services</b></td> <td style="text-align: center;"><b>RTTimeSync for Financial Services</b></td> </tr> <tr> <td>Real-TimeNet guarantees network bandwidth, increases data throughput, improves security and lowers latency</td> <td>RTTimeSync eliminates clock-drift by providing nanosecond level clock synchronization</td> </tr> </table>	<b>Real-TimeNet for Financial Services</b>	<b>RTTimeSync for Financial Services</b>	Real-TimeNet guarantees network bandwidth, increases data throughput, improves security and lowers latency	RTTimeSync eliminates clock-drift by providing nanosecond level clock synchronization	
<b>Real-TimeNet for Financial Services</b>	<b>RTTimeSync for Financial Services</b>				
Real-TimeNet guarantees network bandwidth, increases data throughput, improves security and lowers latency	RTTimeSync eliminates clock-drift by providing nanosecond level clock synchronization				

In combination with Real-TimeNet, RTTimeSync addresses Wall Street’s technology compliance issues related to precise transaction time-stamps and network response times for OATS, MiFID and Reg. NMS. The Financial Industry Regulatory Authority (FINRA), formerly known as the National Association of Securities Dealers (NASD), has listed RTTimeSync as a clock synchronization time-stamp solution that eliminates clock-drift and keeps their members compliant with federal regulations. RTTimeSync, FSMLabs’ maiden product on IBM’s “Ready for IBM Grid Computing” partner program, synchronizes distributed network clocks in grids and clusters within ~250 nanoseconds of any time source, while Real-TimeNet lowers latency and guarantees network bandwidth with 25 microseconds one-way worst-case latency times.



“FSMLabs brings a higher level of performance to HPC with control of CPU processes at the Real-Time Processes Layer.,” says Marcus Webster, VP of Sales for FSMLabs. He continued by saying, “By decoupling soft real-time from hard real-time at the layer between the OS and the CPU, computers can handle more network traffic, guarantee the precise time-stamps and avoid the backlog of network traffic jams as seen on February 27<sup>th</sup> by the NYSE.”

For securities firms interested in lowering their network latency and improving their network clock synchronization, Real-TimeNet can transmit data securely at the lowest possible latency while RTTimeSync can time-stamp each transaction within ~250 nanoseconds of any time source. Real-TimeNet and RTTimeSync for Financial Services works with Linux, BSD and Microsoft Windows is currently available from FSMLabs, along with RTMS, their Real-Time Management System, at <http://www.fsmlabs.com>.

#### **About FSMLabs**

FSMLabs, with over 12 years of experience, develops and provides engineering services for system software. FSMLabs invented and pioneered Dual Kernel Virtualization by adding real-time to standard operating systems such as Linux, BSD, UNIX and Microsoft Windows. FSMLabs’ industry leading RTLinux product which powers everything from Samsung’s ship building robots to Pratt & Whitney’s jet fighter engines, was sold to Wind River Systems, Inc. (NASDAQ:WIND) in February of 2007 (<http://www.windriver.com/news/press/pr.html?ID=4261>) with FSMLabs retaining exclusive license to Enterprise applications of the technology. FSMLabs focus is on making system software more productive for business by: reducing down time, recovering from faults, eliminating timing drift and providing the super low-latency network operation that is critical to leading edge applications.

###

FSMLabs’ Enterprise Real-TimeNet, Enterprise RTTimeSync and Enterprise RTMS are registered trademarks or trademarks of FSMLabs. All other trademarks used in this document are the property of their respective owners.

The URL for this release is located at [http://www.fsmlabs.com/news/press\\_releases/](http://www.fsmlabs.com/news/press_releases/)

#### **FSMLabs North American Sales Contact:**

204 Neel Ave.  
Building B  
Socorro, NM 87801  
USA  
Phone: (505) 838-9109 — Fax: (866) 724-4435  
[sales@fsmlabs.com](mailto:sales@fsmlabs.com)