

Cinnober radically reduces latency with TRADExpress Trading System version 8

Cinnober has released benchmarks on version 8 of its high performance trading system, carried out in cooperation with Intel. Tests show radically reduced average response time.

Cinnober recently released version 8 of its TRADExpress Trading System. The major improvements in the new version are performance related and now Cinnober publishes new benchmarks on the system, measured in Intel's lab in Swindon, UK.

The average response time – door-to-door – was down to 148 microseconds, compared to 286 microseconds in previously published benchmarks, performed on version 7.3 of the trading system. The business logic latency – the average time spent on a transaction in the matching engine – was measured as 87 microseconds compared to the previous 138 microseconds.

“I am very pleased with these results confirming the performance enhancements made in the latest version of our trading system, reducing latency by almost 50%,” said Nils-Robert Persson, Executive Chairman of Cinnober. “Besides sophisticated functionality and the flexibility to adapt to changing demands, throughput capacity and short, predictable response times have become increasingly crucial for marketplaces. So naturally we have focused on these areas enhancing the system, and we will continue to be in the forefront of development. We appreciate the collaboration with Intel, whose leading-edge solutions work very well with our software.”

Nigel Woodward, Director Financial Services, Intel Corporation said: “We are delighted to work with Cinnober at the engineering level as we see them as leaders in the field of exchange and trading solutions. This area has been intensely focused in recent years on reducing latency, and that's where we see the tuning of application and infrastructure technologies as now being critical to optimisation and delivering very tangible performance benefits.”

Cinnober delivers the TRADExpress Trading System and related solutions to exchanges, multilateral trading facilities and alternative trading venues such as Alpha Trading Systems, Burgundy, the Chicago Board Options Exchange, the London Metal Exchange, Markit BOAT and Turquoise. Cinnober's trading system is based on the proven TRADExpress platform, which is built to cater for extreme functionality and performance demands.

More information regarding the tests will be jointly released by Intel and Cinnober later this month. A previously published whitepaper on factors impacting marketplace latency can be downloaded at www.cinnober.com/downloads.

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About Cinnober Financial Technology

Cinnober provides mission-critical systems to a number of leading exchanges and trading venues, including Alpha Trading Systems, Burgundy, the Chicago Board Options Exchange, the London Metal Exchange, Markit BOAT, NYSE Liffe and Turquoise. Cinnober's products are highly customizable and based on TRADExpress, a scalable, high-performance, low-latency platform for transaction processing. TRADExpress is 100% Java-based, enabling solutions that are flexible, as well as hardware- and database-independent. For additional information about Cinnober, please visit www.cinnober.com