Laurent de Barry Beyond Latency June 5th - STAC NYC





Who are we?

We are FPGA experts creating next generation solutions dedicated to enhancing performance across the industry.

We believe that. . .

- Performance is not an excuse for complexity,
- Performance is as important as transparency,
- Aiming for a good Average latency is too easy and the real challenge is to aim for a good Maximum



Speed is a Must, But...

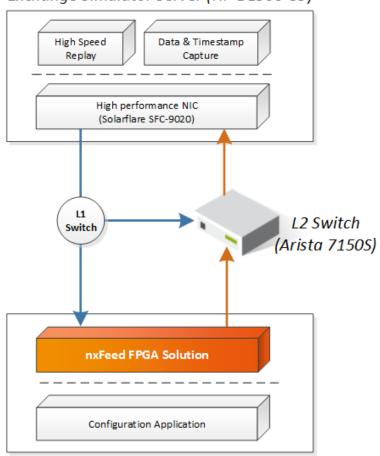
The trading latency scale has decreased year-over-year, but other challenges arose. . .

- Profits resulting solely based on speed shrank and the investment to keep up increased.
- Liquidity is global and trading firms need to connect to a large number of venues.
- Trading strategies need to be smarter as well as faster to succeed.

So as a vendor, how can we help?



Exchange Simulator Server (HP DL360 G9)



nxFeed Host Server (HP DL380 G9)

Standard Equipment

- HP Servers
- Solarflare NIC
- Arista Switch

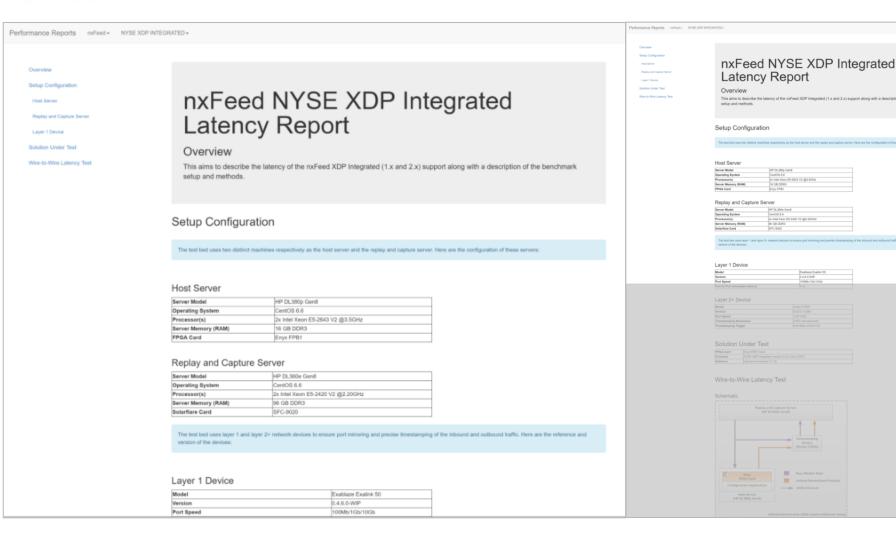
Clear test conditions

- 20x replay rate
- Processing 8 000 Symbols
- SOP-to-SOP measures

Post analysis

- Replay rate verification
- Packet rate / Latency correlation





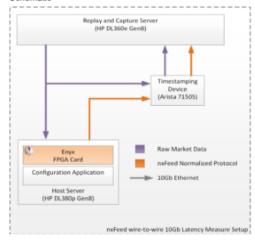




Firmware NYSE XDP Integrated version 2.2.2 (rev 21547) Software Libenyxmd Version 2.1.16

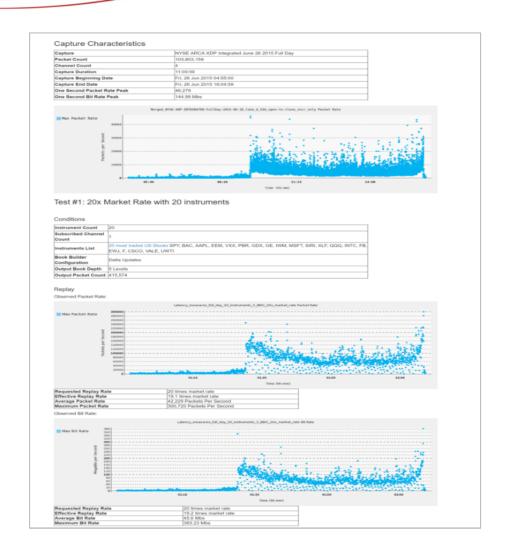
Wire-to-Wire Latency Test

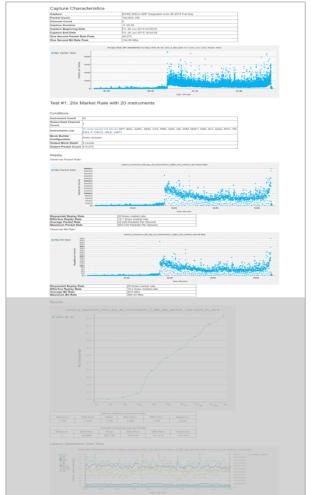
Schematic



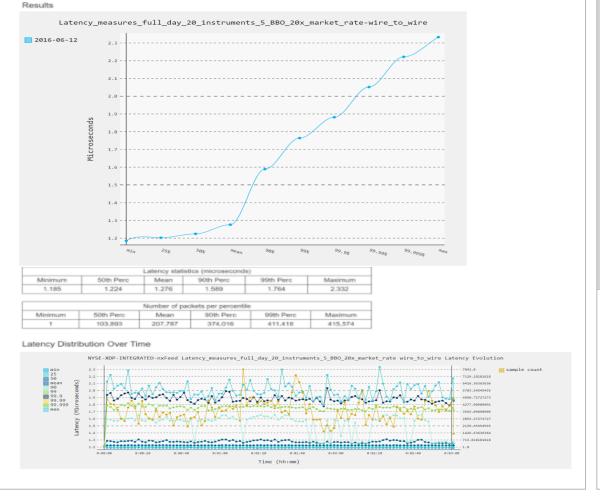


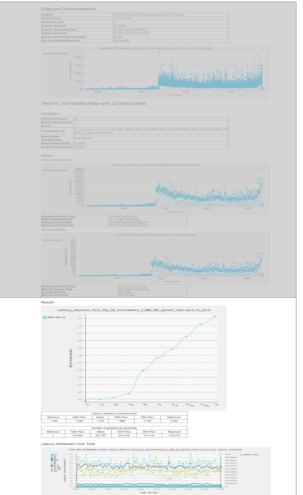




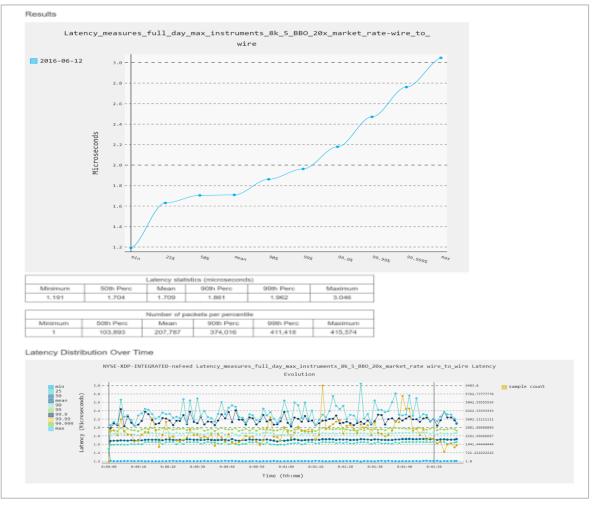


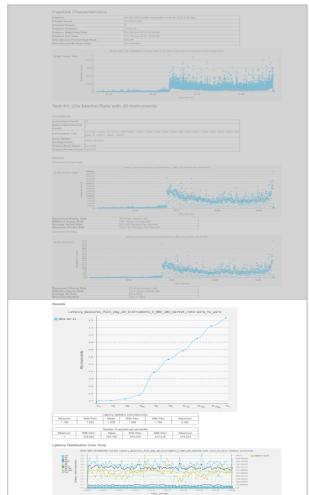














Taking You Beyond Latency

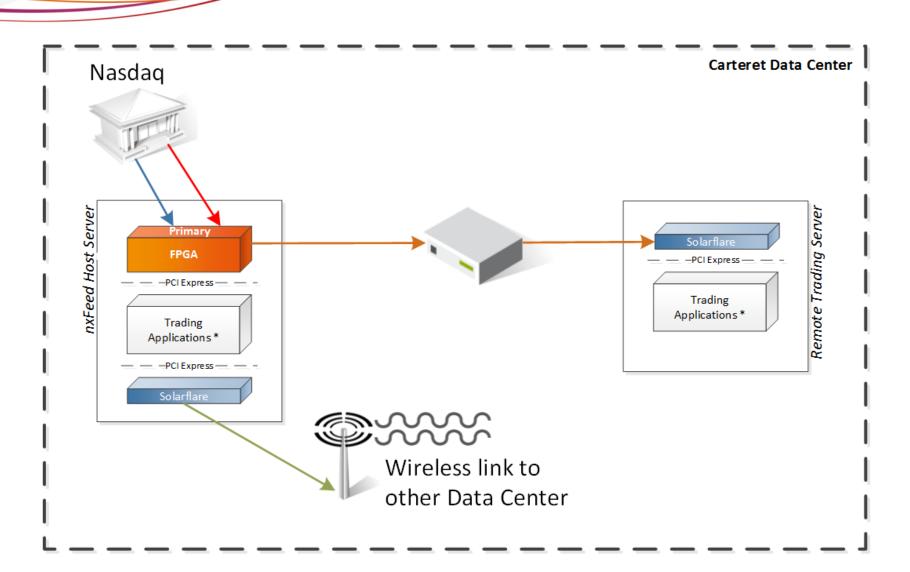
Our solutions are designed for. . .

- Ease of configuration and monitoring
- Plug and play solutions
- Full featured product set

Performance doesn't need to equal complexity!



Taking you Beyond Latency



THANK YOU

For more details about our numbers and testing methods, visit us at: www.enyx.com/performance

