



Product Update

NovaLink 30% latency drop

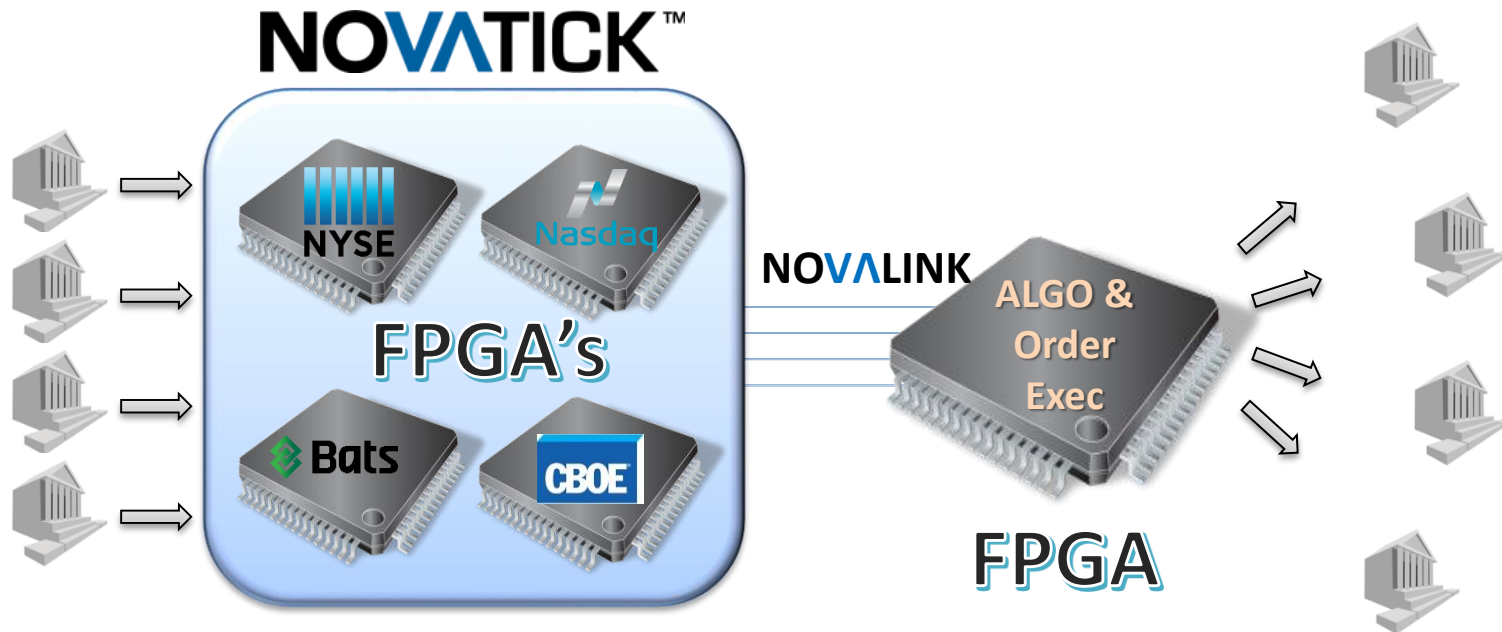
New feeds and features

STAC - Spring Summits 2017

New York and Chicago

What is NOVALINK?

- FPGA to FPGA Link with Customer side Hardware API
- Extend NovaTick internal processing pipe to customer FPGA
- Available for 50 markets

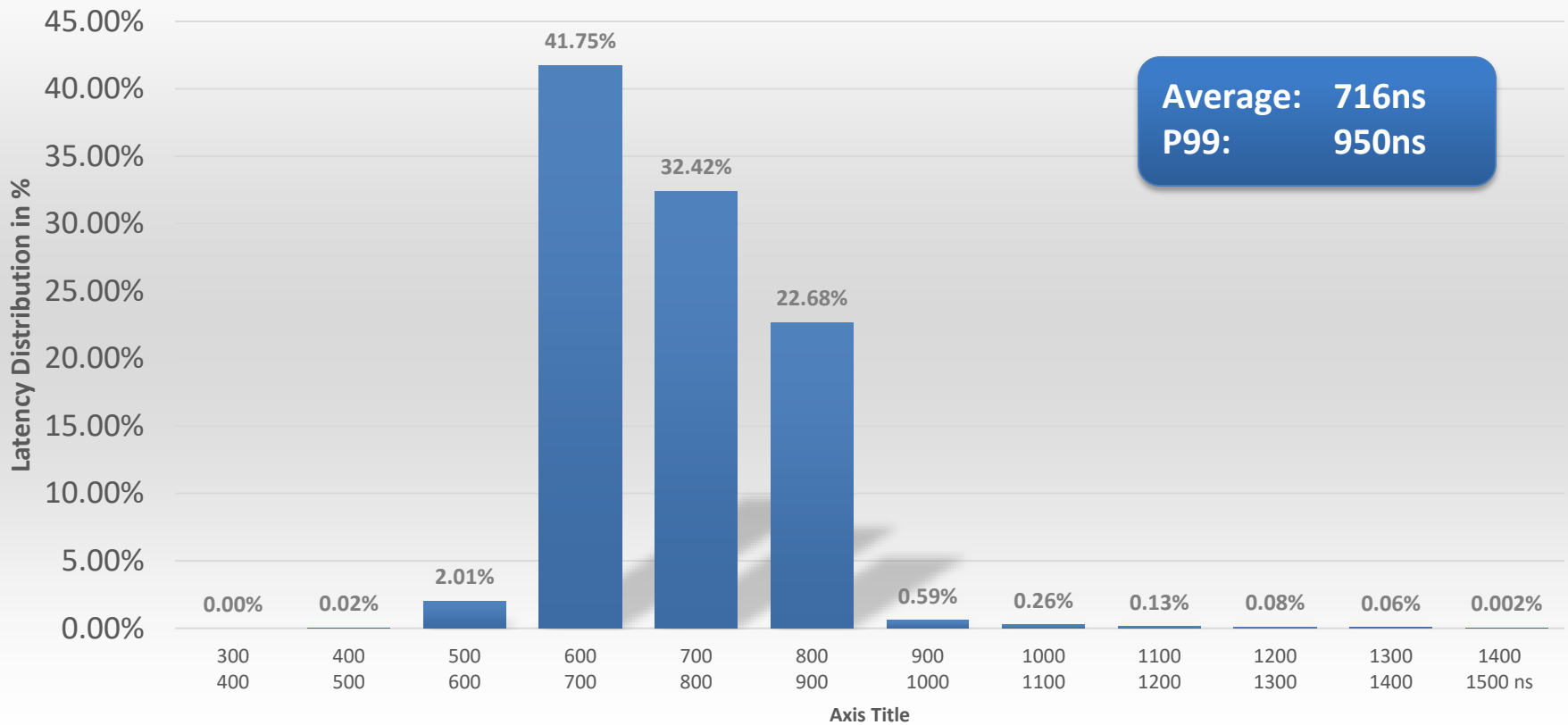


Support for complex strategies that would not fit on a single FPGA:

- Full instrument universe strategies
- Cross market strategies

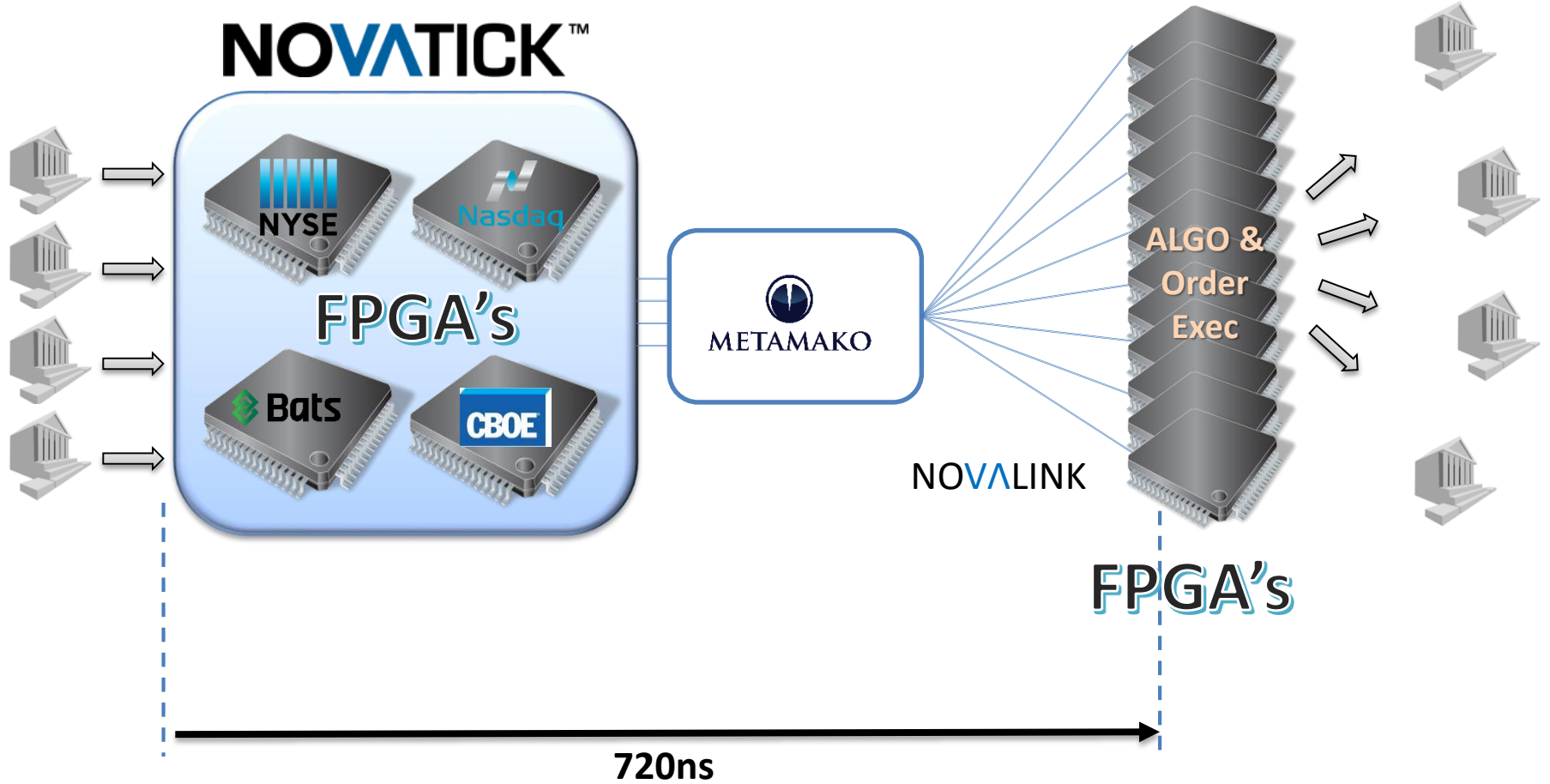
NOVALINK: 30% Drop in Latency

NovaLink - Wire-to-FPGA Latency - Cut-through processing*
 NASDAQ 9K instruments, Level 1, 2x10G Ethernet NovaLink



*not STAC benchmark

NOVALINK Distribution via Metamako Switches



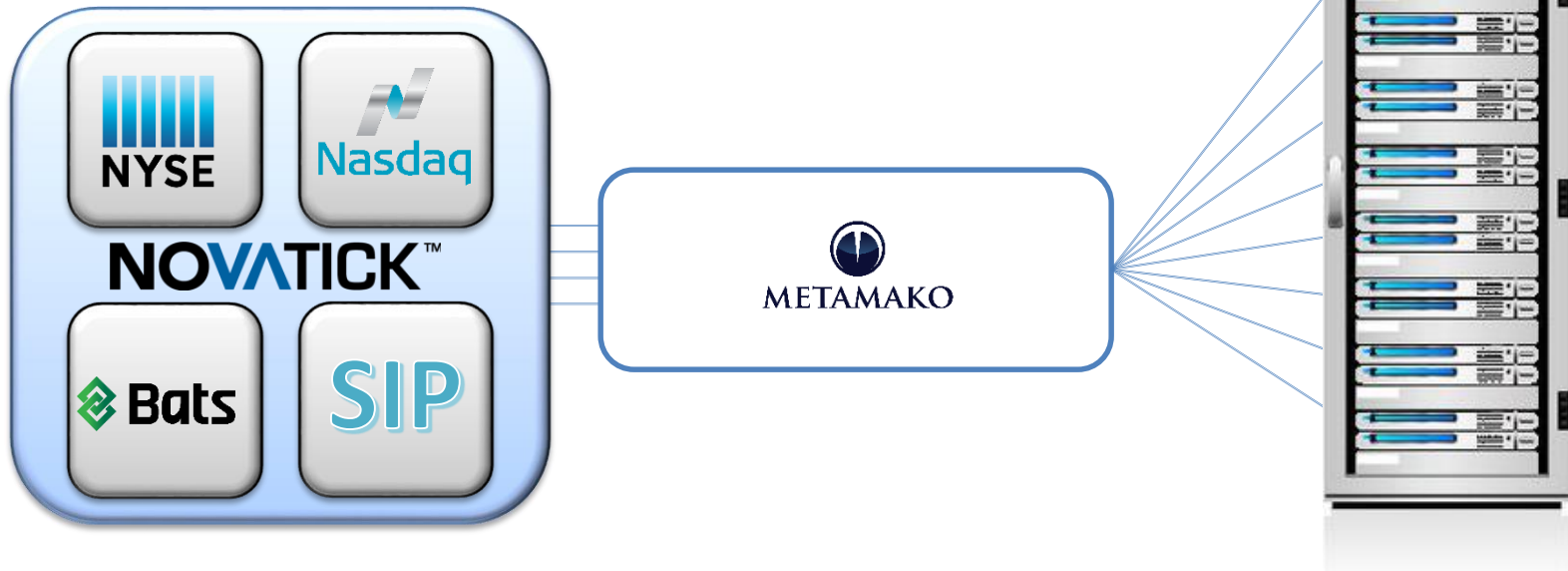
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Strengthening of US Equities Offering

- PTP timestamping
- SIP Feeds to complete the already existing coverage of the direct feeds for the 12 protected markets
- Distribution via Metamako switch



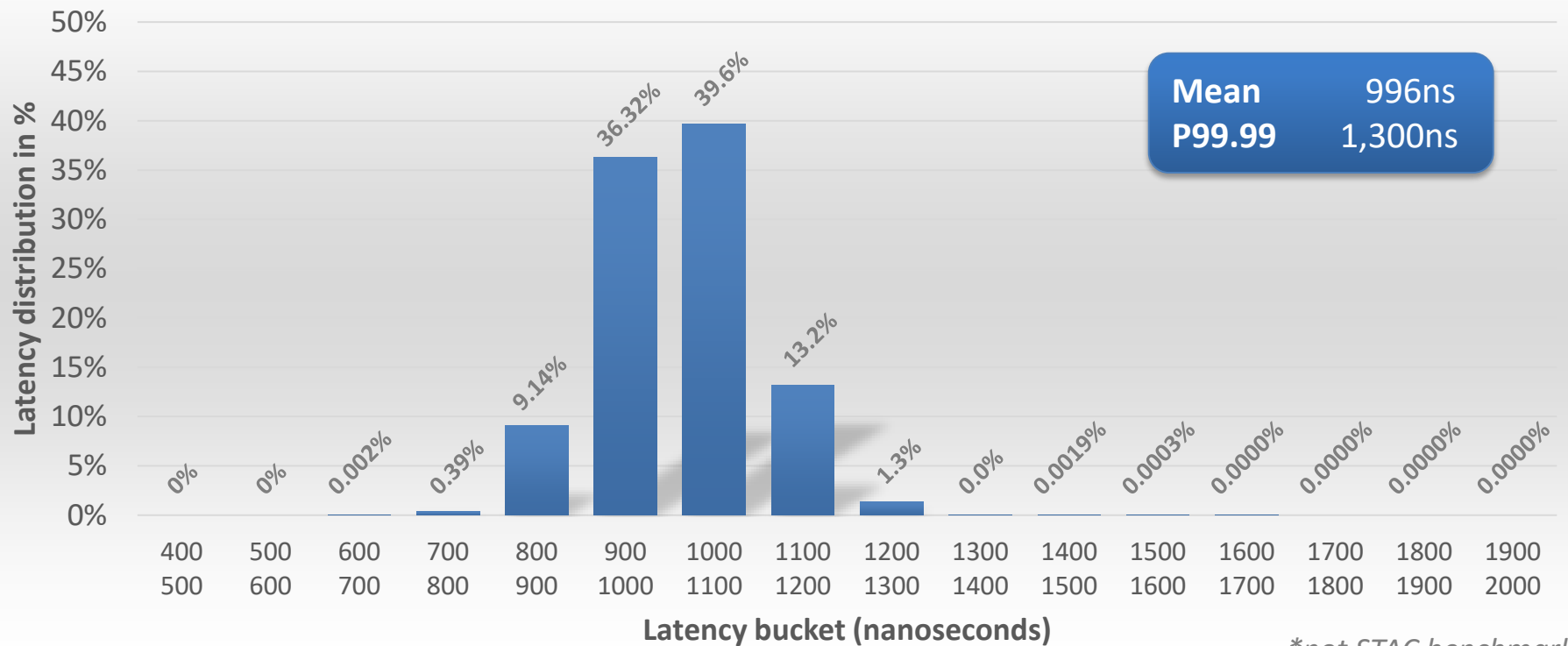
UTP CTA



BATS BZX and EDGX Options

- Increased Cash Equity Options Coverage
- First **Order Based** feed after level based CBOE (C1 and C2)
- Density: **128K** instruments on 2 FPGA modules

Wire-to-wire latency - BATS BZX Options - 128K instruments
(Includes book building. Measured from EOP In to SOP Out)



*not STAC benchmark

THANK YOU...



NOVATICK™

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