

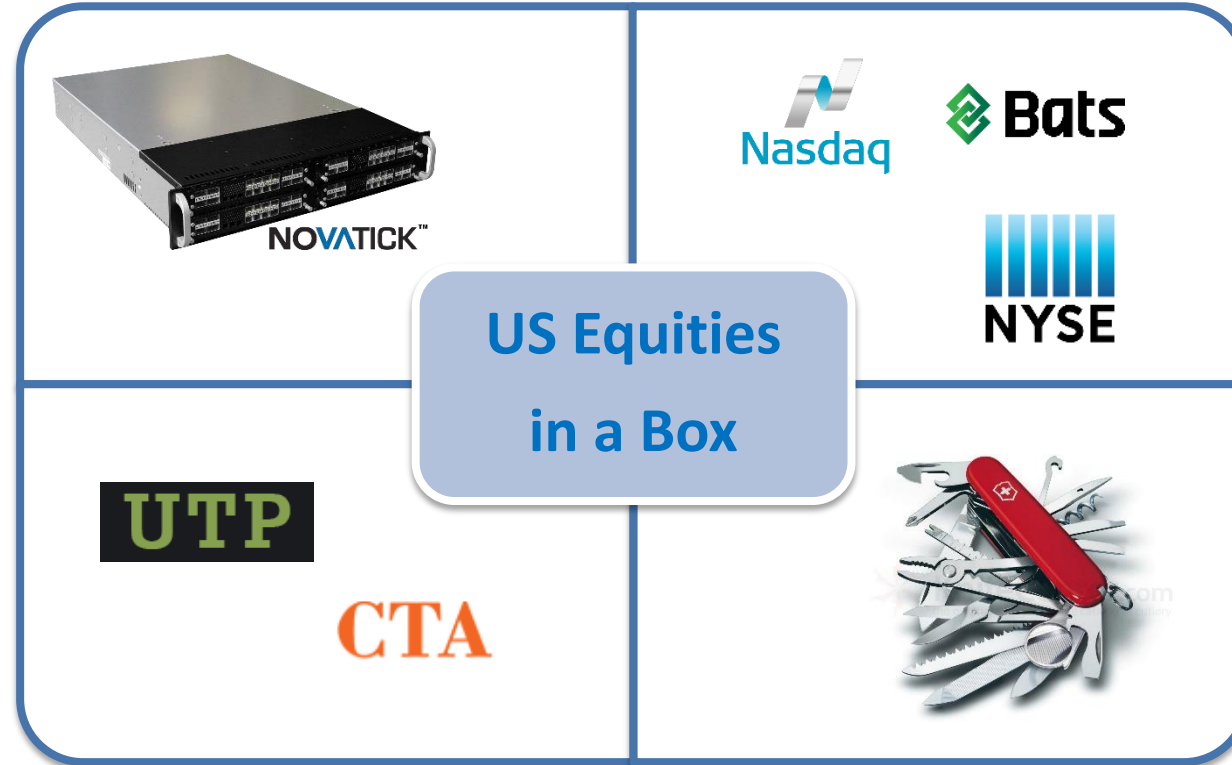


US Equities in a Box and NovaLink

STAC - Fall Summits 2017
Chicago, New York, London

Single 2U Appliance

Pure FPGA
Processing



Top 3 exchange groups

10 markets
Entire symbol universe
(90,000)

Rich feature set

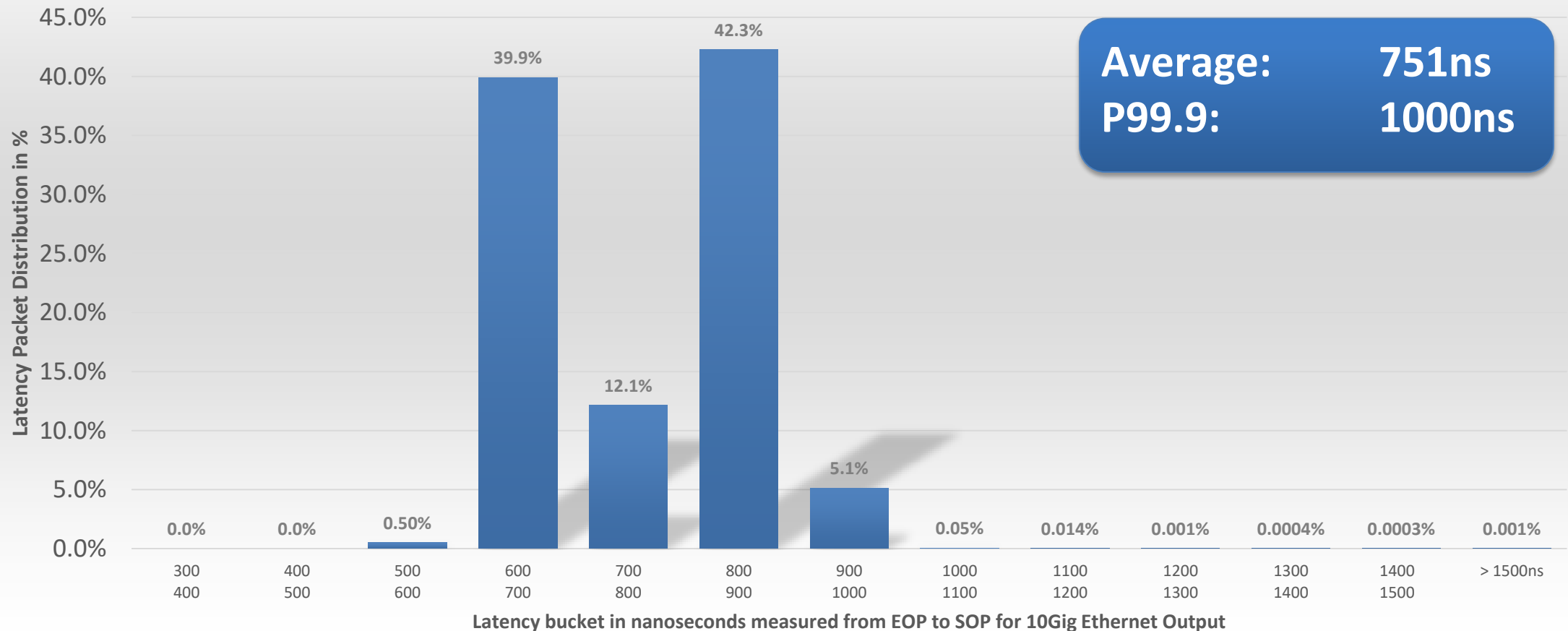
Recovery/retransmission
Snapshot
Depth publication
Filtering

SIP Feeds

Regulatory updates
Backup
IEX/CHX

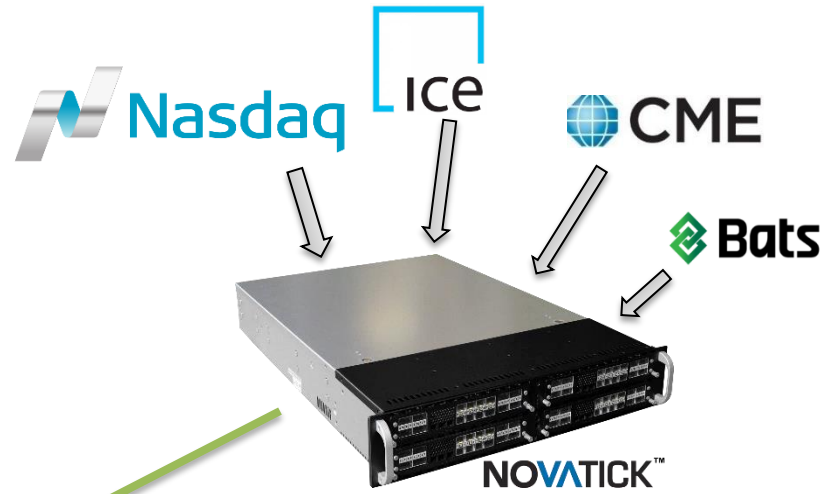
US Equities in a Box (single 2U NovaTick Appliance)

Entire symbol universe for
Nasdaq, BX, PSX, BZX, BYX, EDGX, EDGA, NYSE, ARCA, NYSE American

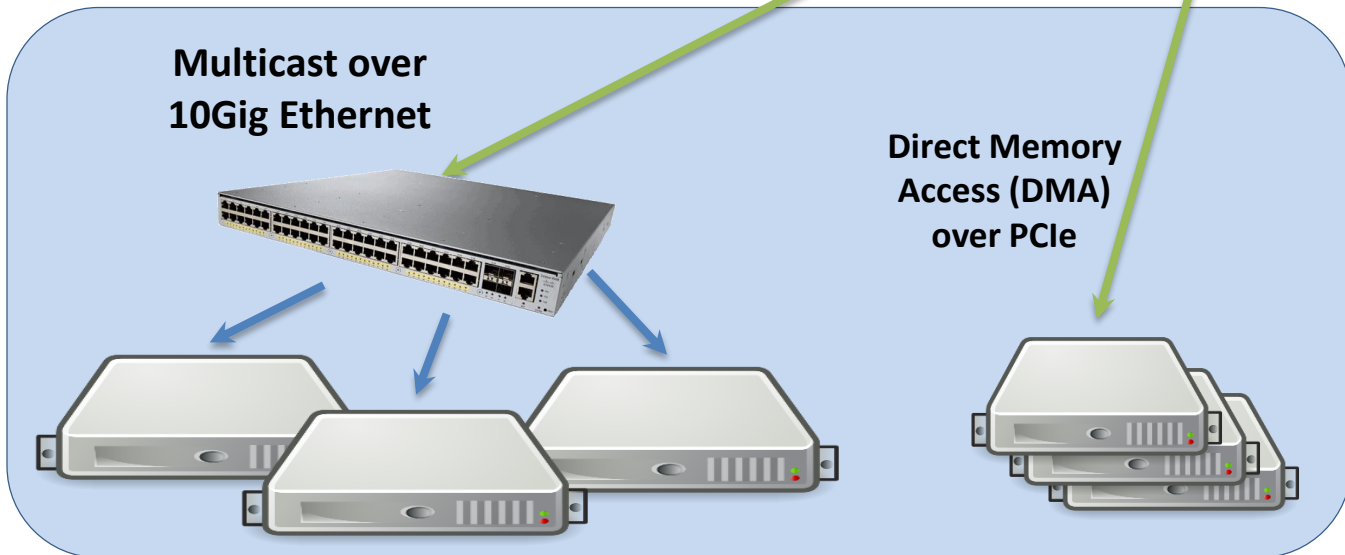


Latency bucket in nanoseconds measured from EOP to SOP for 10Gig Ethernet Output

NOVATICK's Outputs



CPU Consumers



FPGA Consumers



Why NovaLink?

- **Enable the porting of complex strategies to full FPGA**
Don't be limited by one-chip anymore. Develop pure FPGA strategies that consume data from **several markets and tens of thousands of instruments** at the same time.
- **Reduce time to market**
Access NovaSparks catalog of **50 feeds** through a **normalized** interface. Simplify your design and recompile faster.
- **Contain development risk and cost**
Focus FPGA development resources on the strategy and not on the **development and maintenance** of all the feed-handlers.
- **Increase robustness with fully featured feed-handler**
Exchange **Refresh** and **Retransmission** services, advanced A/B arbitration, snapshot...

THANK YOU...



NOVATICK™

Contact: sales@novasparks.com