

Ultra Low-Latency Pre-Trade Risk Management Solution



Purpose-built risk management at nanosecond speed

Riskbot is our flagship pre-trade risk management gateway designed for firms who need the lowest latency and native exchange protocol support.

Borne out of a need to satisfy SEC Market Access Rule (MAR) 15c3-5, which was introduced after the Flash Crash in 2010 to bring enforceable risk controls into high-speed automated and algorithmic trading, Riskbot is the gold standard in comprehensive enterprise trading risk management.

With unprecedented latency, determinism and throughput, Riskbot is a highly performant full hardware datapath solution with unparalleled reliability in the most turbulent market conditions.

HIGHLIGHTS



< 200 NANoseconds
Latency, Wire-to-Wire



100K MSGS/SEC
Sustained Throughput



12M MSGS/SEC
Burst Rate



UP TO 127
Logical TCP Sessions

BUILT FOR

BANKS

EXCHANGES

HEDGE FUNDS

PROPRIETARY TRADING FIRMS

FEATURES



ULTRA-LOW LATENCY PRE-TRADE RISK CHECKS
Removes offensive trade rather than disconnecting



DETERMINISTIC
All risk checks made in hardware in <200 nanoseconds



FULLY FAULT-TOLERANT SYSTEM
Unparalleled reliability



DISTRIBUTED ARCHITECTURE
Across all major global venues and data centers



100+ GLOBAL VENUES
AMRS / EMEA / APAC

BENEFITS

INTEROPERABLE

Simplify enterprise risk management with flexible integration options

PERFORMANT

Multiple clients, sessions and protocols per Riskbot

FUTURE-PROOF

Eliminate trading distractions as volumes increase and regulatory requirements continue to evolve

BEST-IN-CLASS

Designed to process trillions of messages per day on a global scale, backed by years of real-world deployments

“HPR is the gold standard in risk gateways and at-trade risk management...”

- Wells Fargo

“We think Riskbot will offer a powerful solution to our clients who have been seeking effective, extremely fast risk management technology.”

- UBS



PROVEN

HPR is the market-leading platform-as-a-service (PaaS) provider to global brokers, buy sides and exchanges



FLEXIBLE

With exceptional quality hardware and software solutions, clients benefit from unparalleled speed and functionality, meeting all latency and cost requirements



SIMPLIFIED

Reduce technology bloat and unify your electronic trading infrastructure

About

HPR is a comprehensive Platform-as-a-Service (PaaS) provider delivering high-performance hardware and software capital markets infrastructure solutions. Powering global tier-1 brokers, hedge funds, and proprietary trading firms, HPR takes a unified approach to supporting electronic trading technology and enterprise risk management with unparalleled speed, efficiency, reliability, and determinism. HPR's products, all offered as a fully managed service, provide ultra-low-latency pre-trade risk management, direct market access, market data delivery, and matching engine technology. For more information, visit www.hyannisportresearch.com.



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