

## Ultra-Low-Latency Market Access Gateway and Pre-Trade Risk Solution



### Highly Customizable and Performant Market Access and Pre-Trade Risk

Building on HPR's legacy of cutting edge hardware solutions, Maxbot represents best-in-class pre-trade risk control capabilities. With a full hardware data path where orders never touch software, Maxbot strikes the ultimate balance between performance and flexibility.

Firms can share trading connections across multiple desks, strategies or clients through session aggregation with load balancing. Protocol transformation allows trading firms to send orders to numerous markets with a single connection using a single protocol for maximum flexibility, whether that be FIX-based, binary, or a client-defined protocol. Combined with HPR's centralized risk management solution, HYPRHUB, Maxbot forms a complete solution that simplifies market access and provides a global and aggregated real-time view of risk.

### HIGHLIGHTS



<1  $\mu$ s  
Latency, Wire-to-Wire



500K MSGS/SEC  
Sustained Throughput



12M MSGS/SEC  
Burst Rate



400+ SESSIONS  
TCP Trading Connections

### BUILT FOR

BANKS

EXCHANGES / ATS

HEDGE FUNDS

PROPRIETARY TRADING FIRMS

# FEATURES

 **DETERMINISTIC**  
Stability guaranteed by full hardware data path

 **PROTOCOL TRANSFORMATION**  
FIX-to-Native

 **SHARED ORDER ENTRY**  
Many users can share single connection

 **MARKET SESSION AGGREGATION**  
Route orders from multiple clients to same market order connection

 **LOAD BALANCING**  
Seamlessly optimize order throughput across multiple connections

 **FULLY FAULT-TOLERANT SYSTEM**  
Unparalleled reliability

# BENEFITS

## INTEROPERABLE

Drop into your existing system using your current protocol or FIX, add new markets without coding to their specs

## PERFORMANT

Multiple clients, sessions and protocols per appliance

## FUTURE-PROOF

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

## REDUCE TCO

Lower operational overhead and cost including reduced session costs per market

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

- Wells Fargo



### 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](http://www.hyannisportresearch.com).



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