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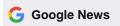
Press Release Distribution Report

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Distribution Report

TerraX Exchange Optimizes Trading Engine for Ultra-Low Latency Execution

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TerraX Exchange has announced the completion of a major infrastructure upgrade aimed at optimizing platform performance for high-frequency trading (HFT) and latency-sensitive strategies. The initiative is part of TerraX's long-term commitment to serving institutional clients, quantitative analysts, and advanced retail traders operating in fast-moving, multi-asset environments.

The upgrade includes a newly deployed low-latency matching engine, enhanced order routing protocols, and dedicated co-location infrastructure designed to support real-time strategy execution under high-volume conditions. Internal benchmarking conducted in July 2025 shows a 52% reduction in median order processing time and a 38% increase in maximum sustainable order throughput.

"Speed and system resilience are core requirements for professional-grade trading environments," said Daniel Mercer, Head of Market Systems Engineering at TerraX Exchange. "This upgrade positions TerraX as a competitive venue for time-sensitive strategies that require execution precision, low jitter, and round-the-clock system reliability."

Key components of the infrastructure upgrade include:

Optimized Order Matching Engine: Redesigned for sub-millisecond execution consistency under peak load.

Enhanced FIX Gateway Layer: Expanded bandwidth and protocol stability for institutional clients using FIX APIs.

Dynamic Load Balancing: Intelligent traffic distribution across global server clusters to reduce regional latency.

Co-Location Availability: Institutional clients can now deploy algorithmic infrastructure directly within TerraX's primary data centers for improved execution parity.

The improvements are expected to benefit a range of use cases including statistical arbitrage, market-making algorithms, momentum strategies, and execution-sensitive ETF arbitrage models. Retail users utilizing advanced tools and automation frameworks will also experience improved responsiveness and reduced slippage in high-volatility conditions.

As part of the upgrade, TerraX Exchange is introducing a Latency Metrics Dashboard, which will allow users to monitor execution statistics, system health indicators, and order queuing dynamics in real time. This feature will be rolled out gradually to professional and enterprise-tier accounts starting Q3 2025.

TerraX Exchange has also signaled continued investment in systems performance, with upcoming initiatives including:

Microsecond-accurate time synchronization via atomic clock calibration

Real-time order book state streaming for machine learning model integration

Custom performance tiers for latency-sensitive institutional clients

These efforts reflect TerraX's broader vision of becoming a technical infrastructure leader in the realm of automated, data-driven investment operations, with a focus on transparency, scalability, and institutional-grade reliability.

About TerraX Exchange
TerraX Exchange is a global platform for intelligent and high-performance trading infrastructure, offering advanced analytics, low-latency architecture, and compliance-ready systems. Designed for users ranging from individual traders to institutional firms, TerraX delivers execution reliability and innovation across global markets.

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