# Algorithmic Trading Market is Projected to Grow Expeditiously: to Reach USD 65.2 Billion by 2032, Report

*The growth of the global algorithmic trading industry is mainly driven by factors such as rise in demand for reliable, fast, and effective order execution*

WILMINGTON, NEW CASTLE, DE, UNITED STATES, December 19, 2024 /EINPresswire.com/ -- The global ▢▢▢▢▢▢▢▢▢▢ ▢▢▢▢▢▢▢ ▢▢▢▢▢▢ was valued at $17.0 billion in 2023, and is projected to reach $65.2 billion by 2032, growing at a CAGR of 15.9% from 2024 to 2032. The growth of the global ▢▢▢▢▢▢▢▢▢▢ ▢▢▢▢▢▢▢ ▢▢▢▢▢▢▢▢ is mainly driven by factors such as rise in demand for reliable, fast, and effective order execution; emergence of favorable government regulations; and the need for market surveillance primarily. In addition, rise in demand for reducing the transaction costs fuels the demand for algorithmic trading. However, insufficient risk valuation capabilities may hamper market growth to some extent. On the other hand, the emergence of AI and algorithms in the financial services is expected to provide lucrative opportunities for market growth during the forecast period. In addition, rise in demand for cloud-based solutions is anticipated to be opportunistic for algorithmic trading market growth during the forecast period.

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By type, the global algorithmic trading market share was dominated by the stock markets segment in 2023 and is expected to maintain its dominance in the upcoming years, due to increase in adoption of algorithmic trading solutions by investors to trade stocks as it operates through a computer program without a need for human interventions. However, the cryptocurrencies segment is expected to witness the highest growth during the forecast period, owing to rise in interest of trading professionals toward crypto-currency trading.

By deployment mode, the on-premises segment held the highest market share in 2023 and is

expected to retain its dominance throughout the forecast period, due to increase in adoption of cloud-based applications by financial institutions to enhance their productivity and efficiency. However, the cloud segment is expected to witness the highest growth during the forecast period. Cloud-based algorithmic trading solutions are gaining popularity among the traders as they ensure the effective automation of processes and data maintenance along with cost-friendly management.

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By type of trader, the institutional investors segment held the highest market share in 2023, accounting for two-fifths of the global algorithmic trading market revenue and is expected to retain its dominance throughout the forecast period. Algorithmic trading has become a basis for institutional investors, offering efficiency, speed, and precision in executing trades across diverse markets. However, the retail investors segment is projected to manifest the highest CAGR from 2024 to 2032. Retail investors can benefit from algorithmic trading by leveraging the speed and efficiency of automated systems to execute trades more quickly and accurately than manual trading.

Furthermore, the industry's growth is fueled by the quest for arbitrage opportunities, improved market liquidity, and reduced transaction costs. However, it also faces challenges such as regulatory scrutiny, market volatility, and the need for continuous innovation to maintain competitive advantage. As the industry is growing, the focus is shifting towards incorporating machine learning (ML) and artificial intelligence (AI) to enhance predictive accuracy and adapt to changing market conditions, ensuring sustained growth and resilience. For instance, in March 2021, ?Cowen, an American multinational independent investment bank and financial services company launched an algorithmic trading solution to help institutional clients navigate market dynamics caused by increased?volumes of?retail?trading.? Such an enhancement is anticipated to create lucrative opportunities for market growth during the forecast period.

By component, the solution segment exhibited the highest growth in the algorithmic trading market share in 2023 and is expected to maintain its dominance in the upcoming years, as the algorithmic trading solutions provides a number of benefits such as reduced transaction costs due to lack of human intervention and instant and accurate trade order placement. In addition, the market players are introducing advanced algorithmic trading solutions to serve various needs of their customers. However, the services segment is expected to witness the highest CAGR in the upcoming years, due to an extensive adoption of professional services among end users, as it ensures effective functioning of algorithmic trading solution throughout the process.

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By component, the solution segment dominated the algorithmic trading market size in 2023.

Depending on deployment mode, the cloud segment generated the highest revenue in 2023, and is expected to witness highest growth rate in the near future.

Based on type, the stock markets segment accounted for the highest revenue in 2023.

By type of traders, the institutional investors segment held the highest market share in 2023.

Region wise, the algorithmic trading market share was dominated by North America in 2023.?

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