

Unlocking Smarter Access to Financial Insights: How Ticker Limited Streamlined Real-time Information Dissemination for its Customers

Fintech's explosive genesis: Ticker Limited skyrockets to prominence



Ticker Limited, a pioneer in real-time information dissemination in India, has revolutionized the landscape of information and data analytics in the Indian financial markets. Ticker, originating from 63 Moons Technologies Ltd. offers affordable and personalized real-time global content vending solutions that provide unbundled, modular services to intermediaries. It is an all-encompassing platform that caters to the needs of various asset classes, including equities, fixed income, commodities, and currencies.

Ticker Limited runs a high-quality analytics platform that offers live streaming of market data from various domestic exchanges such as NSE, BSE, MCX, and NCDEX, as well as international exchanges including LME, NYMEX, COMEX, and ICE. Additionally, the platform covers OTC markets of banks, financial institutions, corporate houses, insurance companies, educational institutes, HNIs, and other entities.

Top-class infrastructure that delivers excellence

Mr. Rushabh Shah, serving as the Chief Operating Officer of Ticker Limited, has played a key role in providing strategic guidance to the technology division of 63 Moons Technologies. He has spearheaded a talented team in creating cutting-edge exchange solutions that encompass multiple asset classes, developed innovative low-latency technological platforms, and formulated the blueprint for a starter incubation unit which then became Ticker Limited.

Customer Profile



“Our endeavor has always been to balance innovation with practicality, ensuring that our strategic technology initiatives along with Dell Technologies and Pentagon System and Services align with our long-term goals and provide tangible value to our customers.”



Mr. Rushabh Shah
Chief Operating Officer
Ticker Limited

Ticker Limited boasts a state-of-the-art enterprise IT data center that is highly efficient and modern. The data center is equipped with advanced rack stacks and sophisticated cooling systems to ensure optimal performance. To host its production servers, the company relies on Dell Technologies cutting-edge solutions, featuring multi-node clusters. Ticker Limited has adopted a hybrid approach to deployment, with mission-critical systems located on-premise through the use of a Hyperconverged Infrastructure platform, while cold data is stored in the cloud. The NOC team's skilled developers and engineers work closely together to maintain the systems and ensure the environment runs smoothly around the clock.



Pivoting for greater success

Being a prominent global provider of financial information services, Ticker Limited offers real-time stock market intelligence in a customer-friendly and adaptable format. However, to ensure optimal delivery of such crucial business insights, it had become essential for the company that the underlying infrastructure met user expectations. To keep pace with customer needs, the team identified that their present system won't sustain the growth for a longer period of time and there was a need to upgrade the same.

Compounding the issue was exponential growth of the organization's data due to new business initiatives. In response, Mr. Rushabh Shah requested Mr. Rohan Satam, the Chief Technical Officer and the team to take this up on priority. The team conducted a root cause analysis and implemented an industry-standard, scalable solution to address the issue at hand.

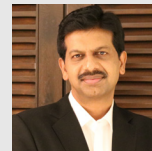
First with Pentagon System and Services' assistance, Ticker Limited obtained audit reports on the pre-existing storage through the Dell Live Optics tool, revealing the need for immediate upgrades to the latest generation storage to address latency and capacity problems.

After several technical discussions internally, Ticker Limited opted to conduct proof-of-concepts using various OEM storage options and their specific workloads to evaluate storage performance. After comprehensive benchmarking, Dell's PowerStore 1000-T outperformed other options and provided exceptional end-user performance, making it the obvious choice. Mr. Rohan Satam's team then deployed the application in a production environment and ran a ten-day pilot test that demonstrated excellent performance across multiple workloads, instilling confidence in their decision to select Dell PowerStore for their digital transformation journey.



"Our partnership with Dell Technologies is built on their industry-proven expertise in enabling successful digital transformation for customers.

This has helped enhance the customer experience of Ticker Limited, improving operational efficiency, and driving revenue growth."



Mr. Sairaman Mudaliar

Co-founder and Director
Pentagon System
and Services

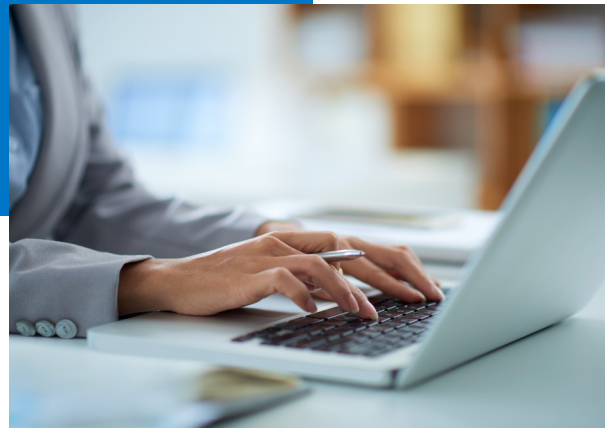


Ticker Limited chose Dell PowerStore based on several factors, including its dedupe and compression ratio, storage management tools, a unified controller for file and block, InsightIQ, and Dell AppSync.

Spearheading the new initiative

In collaboration with Dell Technologies and Pentagon System and Services, preparations for the deployment of the storage solution started and an implementation plan was finalized. Subsequently, an internal data automation framework was utilized to efficiently transfer a significant amount of data from various legacy systems to the newly implemented storage solution.

Ticker Limited had constructed high-performance, low-latency Dell compute clusters built on latest Dell PowerEdge servers in order to handle a significant amount of information. These clusters retrieve crucial data from the PowerStore and process it in real-time. Additionally, various databases, applications, and servers are also linked to the PowerStore. The Ticker Limited team learned that when performance and latency matter, it is best to choose NVMe SSD with PowerStore for business-critical applications.



“Collaborating with Dell Technologies and Pentagon System and Services has been an exceptional experience. Their proficient technical teams adeptly resolve intricate production application bottlenecks related to hardware performance, and offer an articulate business solution to mitigate latency issues.”



Mr. Rohan Satam
Chief Technical Officer
Ticker Limited

Unlocking the power of benefits

- Ticker Limited users can connect to global financial markets and access real-time streams 60% faster and smarter
- Ticker Limited can acquire the market and scale business linearly with no performance issues
- Real-time reports such as AUM, SIP, Transaction, Capital Gain, CRM, MIS, and more can be confidently shared
- TickerWealth mobile application can support all browsers with 100% data security
- PowerStore's diagnostic tools have helped resolve issues quicker, allowing support engineers to focus on innovation jobs
- Achieved significant savings on power consumption up to 50%
- Rack space saving of 70%
- Maintenance break fix calls pertaining to storage reduced by 76%

The roadmap ahead

Dell Technologies PowerStore solution has accomplished the modernization of the data center storage layer, which was unique in delivering the required IOPs, performance, scalability, and user-response time. Further there was reduction of storage footprint, power consumption and management with built-in AI tools which gives real time insights.

Now that the data center storage has been rectified and Ticker Limited has large customers on board, they are blazing ahead with a plan for synchronous replication with NDR. Furthermore, they have shared their success stories with their group of companies about how they have implemented Dell Technology's industry-leading storage technologies for their business-critical applications.



"Collaborating with Ticker Limited has helped us comprehend the infrastructure requirements that a quickly growing business needs to stay ahead of its projected curve. Through our robust partnership with Pentagon System and Services, we have provided a future-proof, scalable storage solution that perfectly aligns with their growth."



Mr. Manish Gupta

VP & GM Infrastructure
Solutions Group
Dell Technologies

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