

SUCCESS STORY

## Data Warehouse optimization enables investment firm's growth



Overcoming slow batch processing of daily position, trading, and markets data allows company to scale up its systems.



Seeking speed and scalability



Streamlining data processes



More timely reports

DATA ANALYTICS



THE CHALLENGE

The system used by the firm to warehouse important data about trades, the value of its holdings, market movements, and more was being updated once a day in a batch process that took as long as three hours.

- Because this data warehouse provides inputs for a range of downstream internal reports each day, including important risk analyses, the slow batch processing was a pain point.
- The firm needed a data warehouse system that could scale for growth – more assets, new businesses, and new ways of using data.
- The firm also wanted to make more data in the warehouse system available in real time to enable new data uses.

THE ENGAGEMENT

GFT streamlined the data warehouse work and cut the daily batch processing time to about 15 minutes – a more-than-90% reduction.

- GFT engineers improved logic patterns and created better controls.

THE BENEFIT

Optimizing the data processes helps the firm to integrate cloud-based servers as it scales.

- Previously it had been limited to vertical scaling, adding more resources to existing on-site machines. With the improved processes in place, the data warehouse system has more flexibility to respond to demand in the future.
- The new data synchronization hub provided a whole menu of internal reports that can be ready earlier each day. The faster batch processing gives the firm's traders, managers, analysts, and executives more timely data to help them maintain a full and clear understanding of the status of their investments.