

PREDICTIVE FINANCIAL ANALYTICS

Combine global data sources to predict and respond to market movements



Financial institutions like hedge funds require fast access to petabytes of structured and unstructured data that are combined to predict market movements. Tweets, social feeds, news, and stock market data unite to create a dataset that can be mined by quants that leverage sophisticated cloud-based tools. Datasets are typically housed on-premises, or in hosted data lakes, due to the high cost of cloud storage and data access costs. Those approaches introduce latency that can hinder or even obstruct analytics with cloud services and tools. The ideal solution requires fast access times, low cost, and high scalability. Faction solves these requirements with our Cloud Control Volumes for Multi-Cloud data services solution.



ACCELERATE TIME TO INSIGHT

Leverage powerful and scalable unstructured data systems to analyze and guide decisions that drive business and financial growth.



CENTRALIZED DATA WITH HIGH-SPEED ACCESS

Low latency, high-speed connectivity, and simultaneous data from multiple clouds to a central data lake



FLEXIBLE TOOLS FOR DIVERSE TECHNOLOGY TEAMS

Existing teams can use their preferred and familiar cloud-based analytics and AI tools from any of the cloud providers, speeding up time to value without requiring new skills and knowledge.

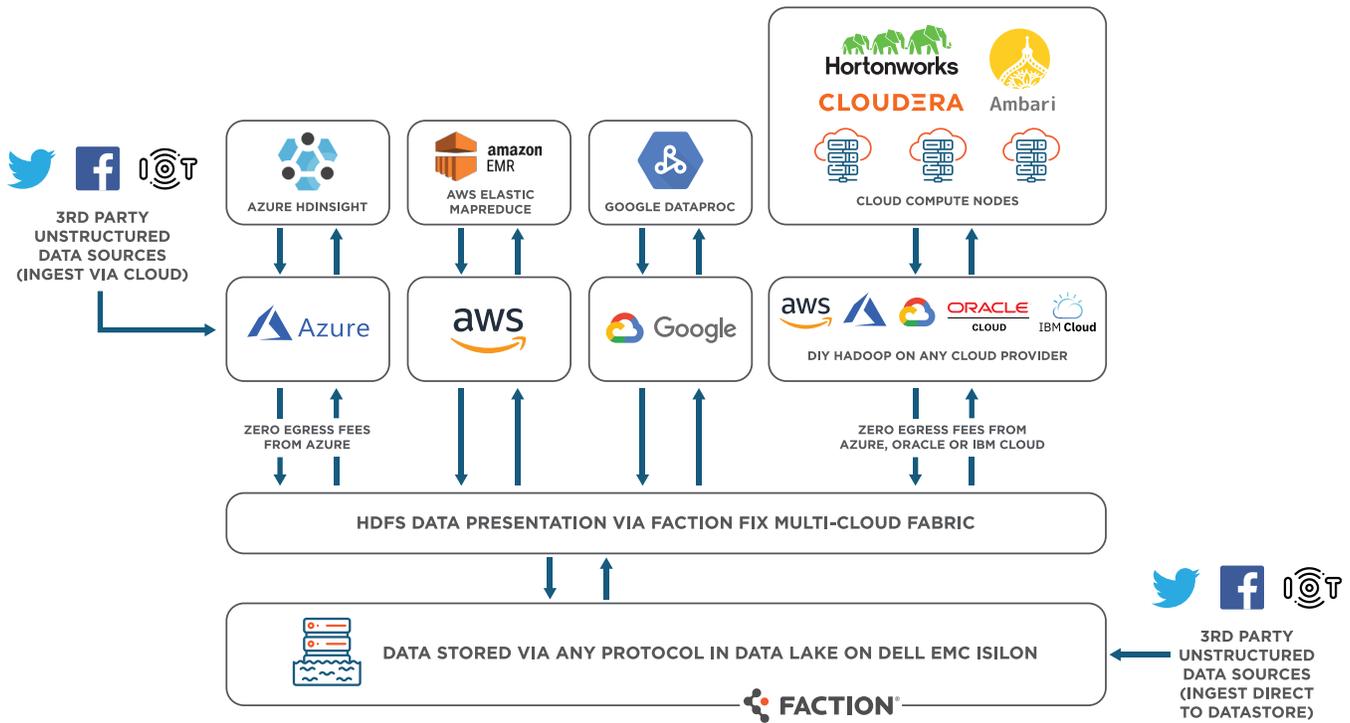


RISK MITIGATION

Improve capacity, resiliency, and redundancy of data stored and accessed in the cloud.



SOLUTION ARCHITECTURE



SOLUTION SCENARIO

- Data is generated by in-house applications as well as by 3rd party data sources
- Data is combined in a single data lake, accessible by all clouds simultaneously for rapid analytics
- Leverage the flexibility of your advanced analytical service of choice in all the clouds

SOLUTION BENEFITS

- Quickly scale compute to run analytical workloads
- Access multiple clouds at the same time
- No impact to production when running analytics
- Fast and efficient array replication to move data sets
- Only pay for what you need

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