

MemSQL's New Tiered Database Platform Now Available for Download **Product News**

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MemSQL has announced the availability of MemSQL v3, which combines the world's fastest in-memory row store with a flash-optimized column store. With the addition of the column store and features such as automatic cross-datacenter replication, this release further cements MemSQL's status as an industry leader that is bringing Hybrid Transaction/Analytic Processing (HTAP) to the enterprise.

HTAP refers to the practice of simultaneously carrying out transaction processing and real-time analytic reporting in a true operational database. Real-time applications for HTAP include operational analytics, anomaly detection and automated real-time decision making. To date, technological limitations and inertia in IT departments have prevented widespread adoption of HTAP. MemSQL is the first database company to bring a truly enterprise-ready HTAP solution to market.

MemSQL's column store is designed to complement the in-memory row store, allowing users to access both real-time and historical data in a single database. Advanced data compression techniques and the use of flash, SSD or disk as a storage medium allow MemSQL's column store to offer exceptional price performance while maintaining MemSQL's best-in-class data loading, concurrency and query execution speed. Traditionally, businesses have kept operational and historical data siloed in separate data stores, and required additional time and computing power to transfer data between them. MemSQL v3 offers an integrated platform that makes all data easily accessible and eliminates the need for slow and error-prone extract, transform and load (ETL) processes.