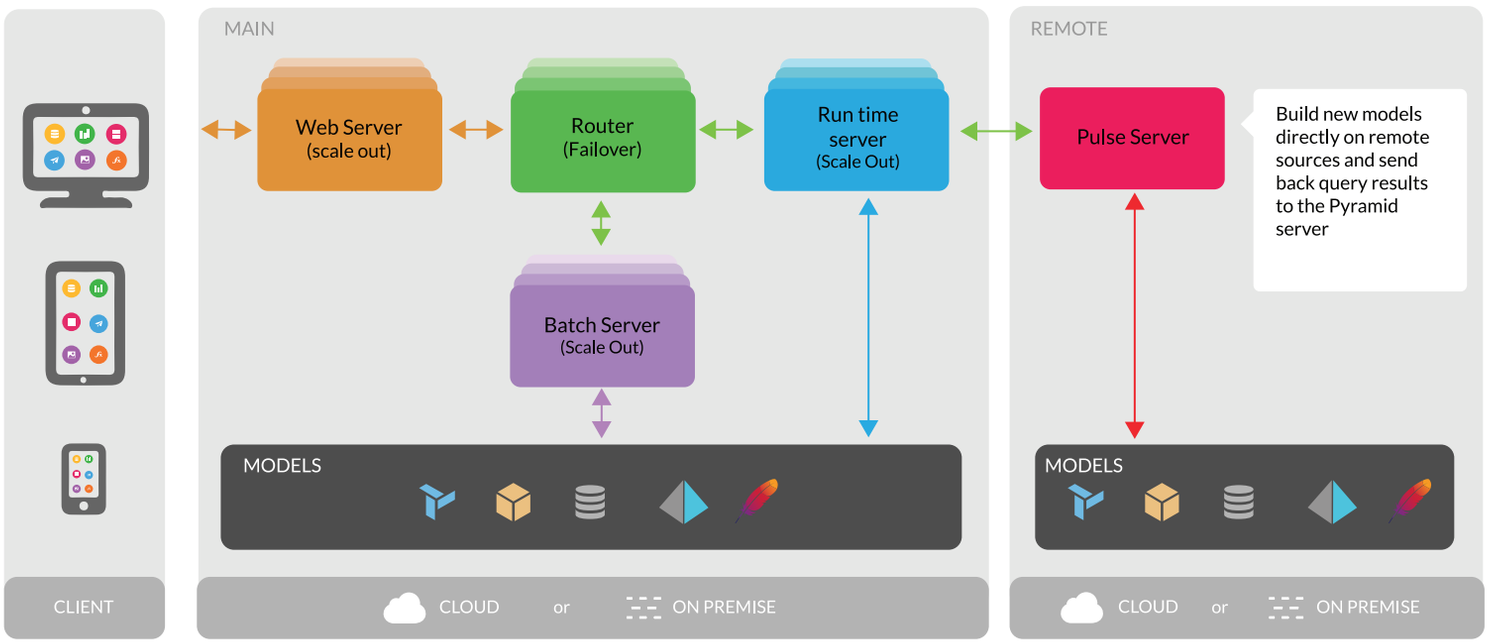
Cloud & Hybrid Analytics

Pyramid PULSE™ Engine

Taking enterprise applications to the cloud is becoming a core a strategy for companies, big and small, as they embrace its many benefits. However, there will almost always be some data "left over", stored locally on premise, or in a private cloud. Even if all the data is in the cloud, it may be across multiple cloud services. One of the biggest challenges in delivering cloud-based analytics is accommodating the need to keep some data assets off-cloud, or combining different cloud sources, the "hybrid" option.



Pyramid PULSE™ architecture.

Making the cloud work

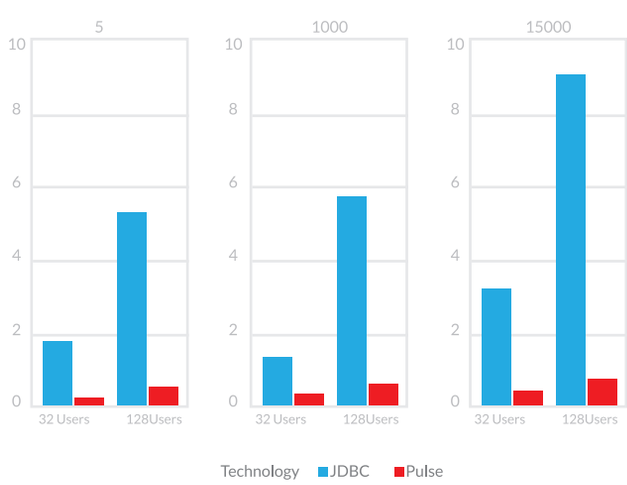
Pyramid's Analytic OS was designed to specifically facilitate cloud deployments, regardless of where that cloud is or what form it takes. From "on-premise", local hosted clouds ("in-company cloud") to private cloud options and numerous variations in between, Pyramid's web centric, high scale analytics platform is agnostic to where the data located, or where the platform running. Further, by delivering the client interface through a browser, the entire system is designed to harness the full power of the web, rather than treat it as the second-rate cheaper client option.

Hybrid Analytics

To further facilitate the numerous variations of cloud migration, Pyramid has coupled its Analytics OS with the PULSE™ Hybrid Analytics Server. PULSE™ makes it entirely possible and extremely easy to host Pyramid in one network location, while accessing data sources in one or more alternative networks. This allows customers to host Pyramid in the cloud while using data on-premise (or vice versa). And best of all, the framework does not require customers to migrate or hydrate the data from one location to the other.

PULSE™ can connect natively to multiple data stacks and can scale to hundreds of concurrent queries from a single node. While some vendors believe Hybrid analytics is simply the option to host the entire platform in the cloud or on-premise, leaving the customer with the problem of migrating the data or hydrating the data with a 'copy-paste' scenario, the PULSE™ server integrates multi network data locations seamlessly.

PULSE™ engine provides superior response times and query performance despite the distance. And best of all, it remains completely secure, yet requires no advanced installation procedures, complex networking adjustments, VPNs or firewall adjustments.



Performance of Pyramid PULSE™ vs JDBC for 32 and 128 simultaneous users and three queries returning 5, 1,000 and 15,000 cells, measured in seconds.