Popular Databases Accelerated

Relational databases and SQL are the backbones of data analytics in the enterprise. Swarm64 enables your IT to handle large amounts of high velocity data and eliminates the risks and costs inherent to introducing new IT systems.

Swarm64SDA utilizes the latest generation Intel® Arria® 10 FPGAs to deliver the best performance combination for your use-case:

- Real-time Analytics in PostgreSQL, MariaDB, MySQL, Oracle*
- Up to 10.6x higher Data Ingestion Speed
- Up to 9.2x higher Analytics Performance
- Up to 13.2x Database Size Reduction

* Oracle support via Data Cartridge planned for early 2018

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Democratise
Big Data Analytics

Industrial Control
Control your processes and assets in real-time. Use the collected data to add value to your products. Detect and stop threats immediately. Accelerate innovation. Achieve this with your existing IT and skills.

Customer Analytics
Detect customer needs and react in real-time, in stores & e-commerce. Understand your customers better by using more data-points and performing deeper analysis, in-house and at lower cost.

Grids & Networks
Create value from traffic analytics in smart grids, data-networks and in telecom. Deep analytics of high-velocity data streams and the ability to react in real-time increases sales per asset at lower cost.

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"the fact that it can be done transparently to popular relational databases in use at enterprises means that Swarm64 has the chance to be extremely disruptive in the part of the server market that is driven by databases."

Timothy Prickett Morgan, The Next Platform, April 18 2017