



ETL WITH DMX-H AND HDP

“Syncsort and Hortonworks share a common goal of making Apache Hadoop easier to use and deploy in conjunction with proven, enterprise-class Big Data technologies. Together, Syncsort DMX-h and Hortonworks Data Platform form a powerful combination to help customers seamlessly maximize the business value and minimize the cost of their Hadoop deployments”

Tendü Yoğurtçu
General Manager, Big Data
Syncsort

Extract, Transform and Load (ETL) is the process by which data is moved from source systems, manipulated into a consumable format and loaded into a target system for performing advance analytics, analysis and reporting. ETL is emerging as one of the key use cases for Hadoop implementations. In fact, industry analyst Gartner recognizes that “most organizations will adapt their data integration strategy using Hadoop as a preprocessor for Big Data integration in the data warehouse.”

Syncsort, a technology partner with Hortonworks, helps organizations ease into Hadoop ETL projects with an integration tool that minimizes hurdles to pave the way for wider adoption and allows for the full potential of Hadoop to be realized. Syncsort integrates with Hadoop and HDP directly through YARN, making it easier for users to write and maintain MapReduce and Spark jobs graphically. Additionally, through the YARN integration, the processing initiated by DMX-h within the HDP cluster will make better use of the resources and execute more efficiently.

WHAT BUSINESS CHALLENGES ARE SOLVED?

Faster Time to Insight

Organizations make better decisions faster based on more accurate insights, by processing more data in less time, with the same resources.

Better Performance and Scalability

Organizations can process up to 3x more data in less time using the same, or fewer resources. Better performance means jobs finish sooner freeing the cluster to handle more jobs within the same processing windows avoiding incremental capital expense.

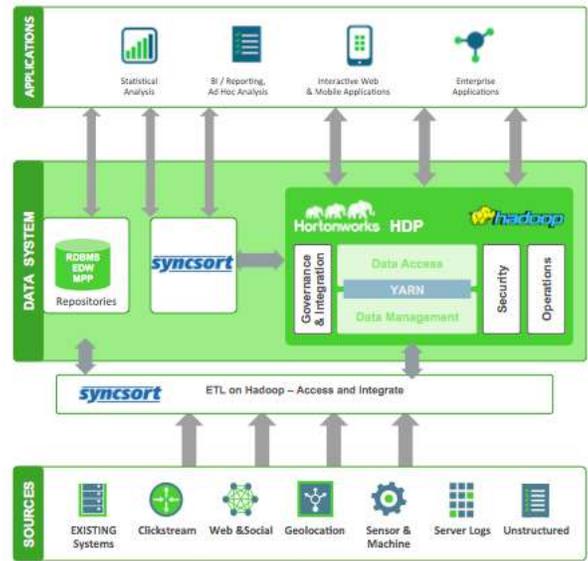
Lower OPEX and CAPEX

Organizations reduce capital and operational expenses by eliminating the need for additional compute nodes on the cluster due to more efficient hardware utilization.

SYNCSORT IN THE MODERN DATA ARCHITECTURE

Syncsort DMX-h delivers everything you need to access and integrate all your enterprise data

- **Access** – Get best in class data ingestion capabilities for Hadoop, mainframes, RDBMS, MPP, JSON, Avro/Parquet, NoSQL, and more. Import hundreds of tables to HDFS in a single job.
- **Integrate** – Design **Streaming & Batch** processes in a single interface. Get fastest multi-data source join and sort capabilities in the industry.
- **Comply** – Improve metadata management and track data lineage by automatically updating HCatalog when loading to Hive, Avro and Parquet. Secure and govern with seamless integration with Kerberos and Apache Ranger.
- **Simplify** – Insulate your people from the underlying complexities, and need for ever-changing skill sets of Big Data integration. Design once, Execute anywhere.



SYNCSORT IS A CERTIFIED TECHNOLOGY PARTNER

The Hortonworks Certified Technology Program reviews and certifies technologies for architectural best practices, validated against a comprehensive suite of integration test cases, benchmarked for scale under varied workloads and comprehensively documented.



About Hortonworks

Hortonworks is a leading innovator at creating, distributing and supporting enterprise-ready open data platforms. Our mission is to manage the world's data. We have a single-minded focus on driving innovation in open source communities such as Apache Hadoop, NiFi, and Spark. Our open Connected Data Platforms power Modern Data Applications that deliver actionable intelligence from all data: data-in-motion and data-at-rest. Along with our 1600+ partners, we provide the expertise, training and services that allows our customers to unlock the transformational value of data across any line of business. We are Powering the Future of Data™.

Contact

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