

# DataAdapt for Warehouse Augmentation

## Challenges

- Data growth stressing EDW
- Current tools & technologies cannot keep up with increasing analytic workloads
- New demands in business analysis require new technology

## Results

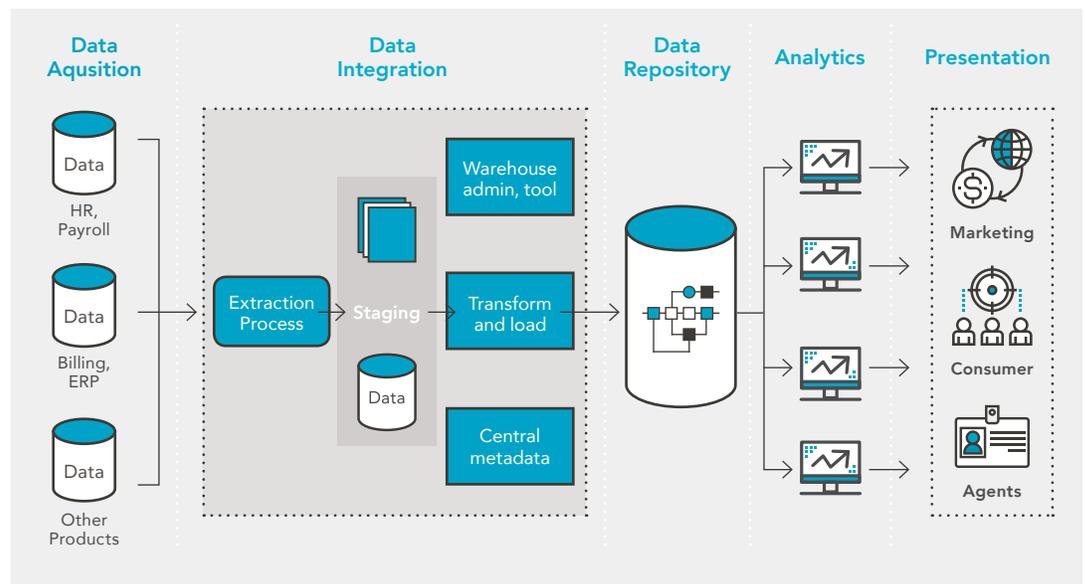
- Greater efficiency for data architecture
- New opportunities for businesses
- More flexible, bottom-up approaches

## Simplifying Data Analysis

Explosive growth of new types of data has stretched the Enterprise Data Warehouse (EDW) to its limits, and current tools and technologies designed to handle the load that new data sources and analytic workloads bring to an EDW are too

complex and costly. ViON understands these challenges and through data warehouse augmentation with DataAdapt, we provide these capabilities to the enterprise while enabling cost savings and flexible access to all enterprise data.

## Business Problem



Traditionally, EDWs accumulated and transformed business transactions to support both operational and strategic decision making. Each aspect of EDW

architecture performed a particular function, from acquiring data to integrating data components between layers and controlling access to different users.

Changes in the demand for data analysis has been driving the need to implement new technologies that enable organizations to capitalize on the volume, variety and velocity of their data. These new business requirements have fueled the demand for a Big Data platform to address the limits of the current platform or the existing warehouse environment, the kind of data to be analyzed, the timeframe to obtain this analysis, etc.

## ViON's solution

With new technologies, such as Hadoop®, organizations can now consume and analyze large volumes of semi-structured data in a more cost-effective fashion. Big Data technology complements traditional, top-down, data-delivery methods with more flexible, bottom-up approaches that promote ad hoc exploration and rapid application development.

Augmenting the existing data warehouse environment with DataAdapt can help organizations by powering analytical applications and facilitating the implementation of new and different approaches. DataAdapt can be applied as a landing zone for source data, a repository for historical data in the warehouse, or a data source for exploratory analysis. Expensive ETL processes can be moved into the Hadoop environment to cost effectively increase capabilities.

DataAdapt Powered by Hortonworks Data Platform (HDP) or IBM BigInsights provides Hadoop for the enterprise through a centralized architecture of core enterprise services for any application and any data. The elements of this architecture comprise data storage, data access, governance, security and operations. In addition, all components are developed in open source and rigorously tested, certified and delivered as an open platform. The resulting secure, enterprise-ready platform accelerates the migration to a Hadoop based environment.

### The benefits of ViON's solution are:



Lower **cost** of storage



Greater **efficiency** for data architecture



**Optimization** of data processing workloads



New business **opportunities** through access to enterprise data



Increased **insight** through multi-use and multi-workload data processing on the same sets of data, from batch to real-time

For more information, please visit our website at [vion.com/dataadapt](http://vion.com/dataadapt) or contact us at [info@vion.com](mailto:info@vion.com).

### About ViON

Designing and implementing innovative solutions that meet dramatically changing IT requirements is ViON's mission. With over 35 years experience, we've grown from a small product reseller into a leading systems integrator. We focus on data management, so you can focus on your organization's success. We're on the leading edge of Big Data and Cyber Analytics, Cloud, and Storage.



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