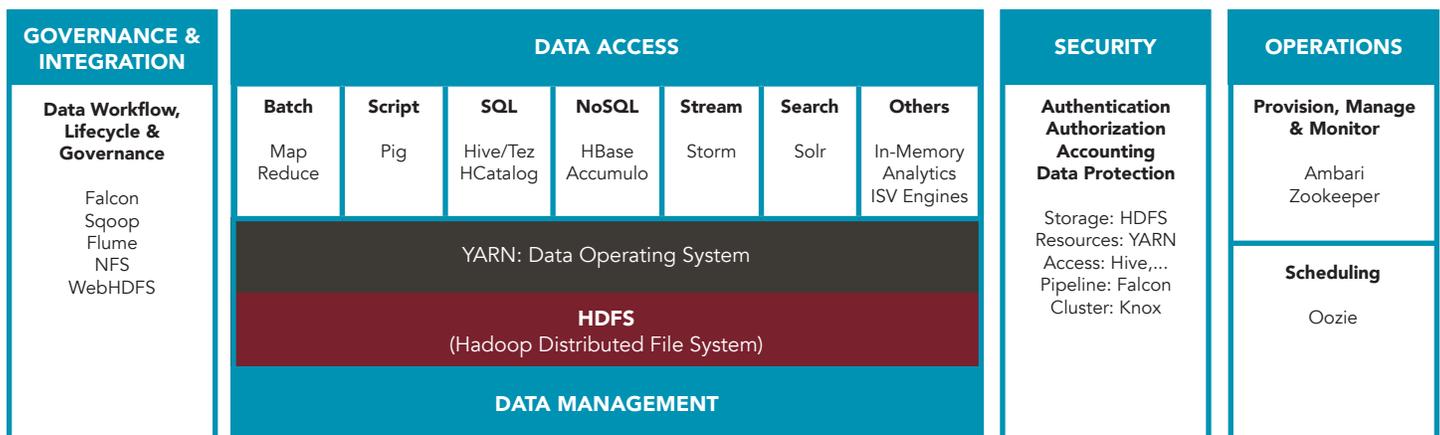# DataAdapt for Hortonworks

Big Data Analytics Made Easy

Data is being created at an ever increasing pace. Deriving the maximum value from this information requires tools that provide precision, value and understanding, while removing the complexity from implementation.

DataAdapt powered by Hortonworks addresses these requirements—minimizing the burden of maintenance and making support available up front for quick, scalable integration with existing systems to free up internal resources. DataAdapt allows organizations to:

- Shorten time-to-value
- Decrease the solution complexity
- Improve ease of delivery

- Gain expert maintenance and support
- Benefit from a flexible, cost-effective acquisition model

DataAdapt Powered by Hortonworks Data Platform

GOVERNANCE & INTEGRATION	DATA ACCESS							SECURITY	OPERATIONS
Data Workflow, Lifecycle & Governance Falcon Sqoop Flume NFS WebHDFS	**Batch** Map Reduce	**Script** Pig	**SQL** Hive/Tez HCatalog	**NoSQL** HBase Accumulo	**Stream** Storm	**Search** Solr	**Others** In-Memory Analytics ISV Engines	**Authentication Authorization Accounting Data Protection** Storage: HDFS Resources: YARN Access: Hive,... Pipeline: Falcon Cluster: Knox	**Provision, Manage & Monitor** Ambari Zookeeper **Scheduling** Oozie
	YARN: Data Operating System								
	HDFS (Hadoop Distributed File System)								
	DATA MANAGEMENT								

ViON DataAdapt Converged Solution

ViON's DataAdapt is an appliance-based approach that expedites the installation, configuration and ingestion of data, significantly reducing complexity and time-to-value. This streamlined approach to big data analytics allows users to focus resources on innovation, rather than infrastructure and software integration. The DataAdapt platform provides much more than a Hadoop Distribution; it integrates Ingest (configuration, monitoring, error management), Search, System Monitoring, Data Management, Geospatial Integration, Security Framework and much more, and is managed via a single integrated dashboard.

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DataAdapt for Hortonworks

The ViON DataAdapt Advantage

ViON's DataAdapt is an integrated set of computer, storage, networking and software components that delivers a single solution engineered for performance, ease of use and speed to market. Our solution is integrated with foundational capabilities of business intelligence, data warehousing, analytics and presentation. Hardware and software components are designed to scale massively while being robust, scalable and modular, allowing new datasets to be ingested and operationalized in a single work day.

Agile Processing Workflows: Workflows are materialized within the Data Lake, with workflow adjustments made in minutes and recomputed. Faulty data sets are identified and new data sets can be added to the analytic profile within hours.

User Insight: The Data Lake pre-computes answers, trading user time for disk space and returning derived insights in under a second.

ViON DataAdapt Build Value

- ViON's standardized manufacturing process is completed 100% in-house
- Full testing and validation of all system components, power failovers and software
- Shipping, inventory, delivery and receipt at customer site

ViON DataAdapt Managed Services

- 24 x 7 x 365 access to certified hardware and software experts
- Platform monitoring and incident management
- Escalation management
- OS and Application Layer Support
- Collaborative 3rd party assistance

ViON understands the challenges that organizations are facing in managing the growth in volume, variety and velocity of data. With over 35 years of experience in helping customers across all industries tackle complex data architecture, engineering, management and analytics problems, ViON has the expertise and insight to deploy your big data analytics solutions.

To learn more, go to www.vion.com/datadapt