



# Open-Source Search Platform for Hadoop



Partner Brief



"We are very excited to be working with Hortonworks because we share the same vision of bringing everyone in an enterprise into the big data conversation. This partnership makes Apache Solr the defacto big data search platform of choice for all Hortonworks customers and is further validation of our leading role in solving the big data search challenges."

Will Hayes

Chief Product Officer  
Lucidworks

Adoption of the Hortonworks Data Platform and Hadoop in the enterprise community continues to increase worldwide as organizations realize the enormous value that Big Data brings to them. Enterprises use Hadoop as a way to store massive amounts of structured and unstructured data at low cost.

The next logical step for an enterprise is to sift through all the data and analyze it to get insights on business and market trends, sales, customer preferences, website hits etc. Enterprises typically had to wait for applications to be developed that would allow detailed querying of their data.

Hortonworks and Lucidworks have an exciting partnership that incorporates Apache Solr as part of the Hortonworks Data Platform (HDP). Solr is offered as an integrated tool on HDP that includes full testing and validation.

Now enterprises can take advantage of the fast performance of Apache Solr and can benefit from the ongoing developments occurring in the open-source community around search functions without waiting for applications to be developed. The integration comes with an easy to use and powerful user interface that allows IT managers to make complex queries and searches to get the rich insights that big data provides.

## What Business Challenges are Solved?

### Quick Insights from Big Data

Lucidworks offers enterprises an easy to use user interface that performs advanced queries and applies complex business and operational rules to Big Data.

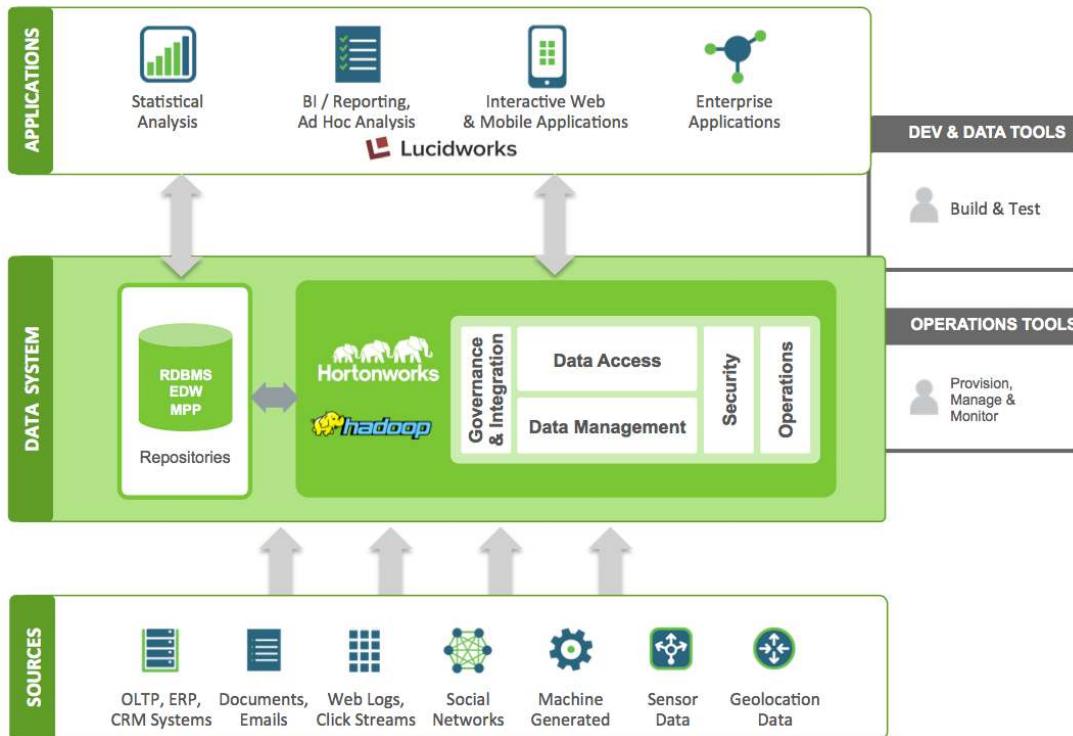
### Maximize Insights Derived

Enterprises can now search their Big Data in multiple different ways and can identify a variety of use cases for the data.

### High Performance Search and Scale

Solr handles massive amounts of data with the ability to search up to tens of billions of documents. Solr supports high speed indexing, shared distribution and sub-second search times.

# Lucidworks in the Modern Data Architecture



## Features and Benefits of the Combined Solution

- End to end open source solution with Apache Hadoop and Apache Solr that is fully tested and integrated by Hortonworks
- Optimized for high volume web traffic
- Highly distributed and scalable search functions
- Ability to make powerful queries with high performance
- Support for standards based open interfaces
- Geospatial search with support for multiple points per document
- Support for a REST like API

Lucidworks Support and Apache Solr are now a core part of HDP

## Lucidworks 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.



## Hortonworks. We do Hadoop.

Hortonworks is a leading commercial vendor of Apache Hadoop, the open source platform for storing, managing and analyzing Big Data. Hortonworks Data Platform, our distribution of Apache Hadoop, provides an open and stable foundation for enterprises and a growing ecosystem to build and deploy Big Data solutions.

Hortonworks is the trusted source for information on Hadoop, and together with the Apache community, Hortonworks is making Hadoop an enterprise data platform. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors.

For additional questions, contact:

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