Statistica’s Big Data Analytics platform extends the Statistica portfolio with advanced natural language processing (NLP), entity extraction, interactive visualizations and dashboards, and distributed advanced analytic models across Hadoop, databases and database appliances.

You can easily deploy this fully integrated, configurable, cloud-enabled software platform in minutes. With this content mining and analytics solution, you’ll transform complex and time-consuming manipulation of web-scale data resources into a fast and intuitive process. You can harvest sentiments from Twitter feeds, blogs, news reports, CRM systems, and other sources, and combine them with demographic and regional data to better understand market traction and opportunities.

This insight engine provides you with unrivaled performance and scalability by leveraging next-generation technologies like Hadoop, Lucene/SOLR search, Mahout machine learning, interactive visualization, and advanced NLP.

For the data experts:
- Out-of-the-box structured and unstructured analytics
- Drag-and-drop to create content workflows
- Hadoop-enabled for big data scalability
- Functional widgets that can be configured for individual analysis needs
- Open-source search indexing of complex, faceted metadata

By combining search and analytics in a single, unified environment, Statistica Big Data Analytics enables organizations of all types to more efficiently and effectively process all data.

**Benefits:**
- Makes it fast and easy to manipulate data
- Empowers you to pull actionable intelligence from massive amounts of unstructured and structured data
- Provides unparalleled analytical flexibility by allowing you to easily integrate additional Statistica offerings
- Enhances operational agility and competitive advantage
- Provides analytics and visualization on unstructured and structured data
- Delivers unrivaled performance and scalability through Hadoop and other next-generation technologies

**Statistica Big Data Analytics process**

- **Author**
  - Provides self-service development for complex systems
  - Lowers the learning curve

- **Run**
  - Simplifies complex run-time configuration
  - Reduces latency

- **Monitor**
  - Increases design effectiveness
  - Increases efficiency

- **Analyze**
  - Converts search into visualization and analysis
  - Derives operational excellence

Make Hadoop work for you with Statistica Big Data Analytics.
Gain robust big data analytics on an open and easily deployed platform.

For consumers of big data analytics:
- Easy to use search with automatic suggestions based on intelligent, extracted metadata
- Charts, graphs, maps, and timelines with drilling down to details on search results
- Interactive information modeling and advanced visualization tools for understanding data at scale

Features and benefits
Rich search and visualization engine – Accelerates information retrieval by combining analytics and search in a single, unified environment.

Out-of-the-box extraction and analysis capabilities – Empowers you to pull actionable intelligence from massive amounts of unstructured, semi-structured, and structured data, enhancing operational agility and competitive advantage.

Drag-and-drop functionality – Lets you quickly and easily create content processing workflows.

Hadoop support – Uses Hadoop to give you big data scalability.

Functional widgets – Allows you to customize your environment for your individual analysis needs.

Open-source search – Indexes complex, faceted metadata.

Statistica model development and deployment to Hadoop “data lakes” – Allows you to gain valuable insights by bringing advanced analytics to full volume data where it is stored.

Language analysis – Performs lematization; recognizes parts of speech, stop words, and more.

Configurable designer toolkit – Provides sophisticated user-facing search experiences.

Automatic suggestions – Offers suggestions based on extracted metadata.

Customizable, domain-specific analytic ecosystems – Simplifies and supports massive scale ingestion and processing of data.

About Dell Software
Dell Software helps customers unlock greater potential through the power of technology—delivering scalable, affordable and simple-to-use solutions that simplify IT and mitigate risk. This software, when combined with Dell hardware and services, drives unmatched efficiency and productivity to accelerate business results. www.dellsoftware.com.

System requirements

Hardware requirements
Windows 7 or Mac OS X with 6-8GB RAM, 500GB HDD
2-100 Linux servers for Hadoop Cluster 6GB RAM, 2+ Core, 1TB HDD per server

Software requirements
Linux environment
Sun Java 1.6+ JRE/JDK

Windows 7 environment
Oracle Virtual Box running recent Linux distribution and bridged networking
Sun Java 1.6+ JRE/JDK
Firefox with Adobe Flash plugin on Windows host and/or VirtualBox Linux image

Mac OS environment
Sun Java 1.6+ JRE/JDK
Native Mac OS X using Linux install procedure

Heat map visualization of sentiment analysis