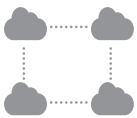




PC or Cloud



Essentia can be run on virtual machines in the cloud on the Amazon Web Services and Microsoft Azure platforms enabling limitless scalability to process Terabytes, even Petabytes, of data quicker and at a lower cost than other tools currently on the market. For smaller data processing jobs, Essentia can be run locally on your PC.



Connect

Connect to and analyze data on multiple cloud data stores across platforms



Scan

Scan any type of data file, even while compressed, and characterize the underlying structure



Categorize

Create virtual data categories on-demand based on matching rules



Schema On Read

Data processing and analysis in-place and as-is, with schema-on-read functionality



Explore

Run SQL like queries directly on raw data even while compressed for fast data exploration



Scale

Easy to scale using AWS or Microsoft Azure virtual machines to handle any size workload

Data Visibility

You can't manage what you can't see. Essentia's advanced data scanner provides clarity and insight even when dealing with Dirty, Dusty or Dark data. Peer into the contents of any data file, easily create categories to organize your data without having to move or transform data.

Data Preparation

Essentia's preprocessor module is a specialized tool that can perform complicated data preparation tasks on any type of data file, including cleansing, blending, and integration across multiple files from a variety of different data sources, including structured RDBs, unstructured logs, archived dataand more.

Advanced Analysis

Essentia's highly efficient, highly parallel, in memory data processing engine enables incredibly fast results for performing complex queries. It is easily integrated with popular analytic tools such as R, Python and Tableau, making it easy to go from raw data to immediate and actionable insight within minutes.



What is Essentia?

Essentia is a highly efficient and highly scalable solution for managing, processing and analyzing vast amounts of unstructured, semi-structured and structured data stored in cloud data lakes.

The two main components of Essentia is a data preprocessing engine and an analytic engine. It utilizes parallel processing, so all operations can be distributed across multiple virtual machines, enabling Essentia to scale to handle any data workload. Any analyses are performed in memory and in parallel, for fast results.

