

# The world's most advanced technology for solving complex real-world data challenges

## nuix ENGINE

The Nuix Engine is a supercharged data processing, search, and analysis platform. The Engine has been optimized for unstructured and semi-structured data across virtually all forms of digitally stored information. It is designed to solve complex real-world data challenges including investigation, cybersecurity, insider threats, intelligence, litigation, regulation, privacy, and risk management.

### Why Processing Matters

Gaining timely insights from huge volumes of data requires massively parallel processing capabilities. However, not all parallel processing technologies are the same.

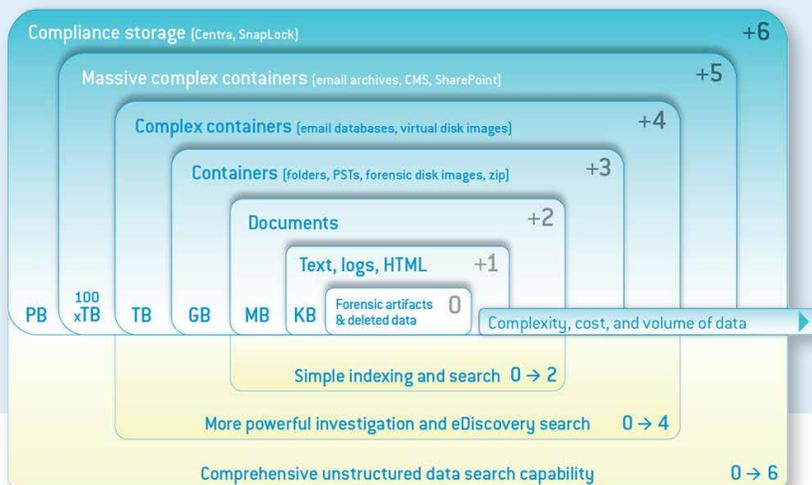
- Unstructured data is **unpredictable**—it can range from an individual text file to a terabyte-sized email database.
- Legally sensitive tasks require **forensic precision and integrity**—it's simply not an option to skip over formats that are too hard or files that are corrupt.
- Unstructured data formats are often **layered** within other formats and complex containers (see diagram below), however most technologies can only deal with simple documents, plain text, and log files.

The Nuix Engine has a patented combination of load balancing, fault tolerance, and intelligent processing technologies. This gives it a unique ability to extract text and metadata from virtually all file types at high speed and with forensic clarity.

### More File Formats

Our technology has a deep built-in understanding of file formats and storage types that other tools can't match. Nuix processes hundreds of file types and forensic artifacts. It connects directly to the data sources where most large organizations store their data including:

- File shares
- Computer hard drives and forensic images
- Mobile devices
- Log files
- Cloud repositories
- Microsoft SharePoint, Office 365, and Exchange Web Services
- Microsoft Exchange and other email servers
- Email archives and compliance storage systems
- A wide range of forensic and human behavior artifacts
- Live data from running machines and databases.



## Building Capacity for Tomorrow

From version 7 (released May 2016), Nuix provides the option to use Elasticsearch as its database back-end. This advanced database technology extends Nuix's processing and search capacity into the petabyte range by making it possible to scale within a single large server or across multiple high- or low-powered machines.

## All Problems Are Data Problems

Organizations around the world use the Nuix Engine for compliance, cybersecurity, fraud, human resources, information governance, law enforcement, litigation, records management, storage remediation, and many other use cases. How can one tool solve all these challenges? At their heart, they are all data problems, and Nuix provides insights into a breadth and depth of data that no other technology can match. By understanding data at a binary ones-and-zeros level, we can reveal and contextualize the stories hidden in that data.

Nuix's patented parallel processing engine can search virtually unlimited volumes of unstructured data with unmatched speed and precision. It has a unique combination of load balancing, fault tolerance, and intelligent processing technologies, and a deep built-in understanding of complex file and storage types that other tools can't match.

TO FIND OUT MORE VISIT  
[nuix.com/nuix-engine](http://nuix.com/nuix-engine)

### ABOUT NUIX

Nuix protects, informs, and empowers society in the knowledge age. We bring data to life with clarity and intelligence to solve critical business problems, reduce crime, and secure and manage information.

#### North America

USA: +1 877 470 6849

» Email: [sales@nuix.com](mailto:sales@nuix.com)

#### EMEA

UK: +44 203 786 3160

» Web: [nuix.com](http://nuix.com)

#### APAC

Australia: +61 2 9280 0699

» Twitter: [@nuix](https://twitter.com/nuix)

