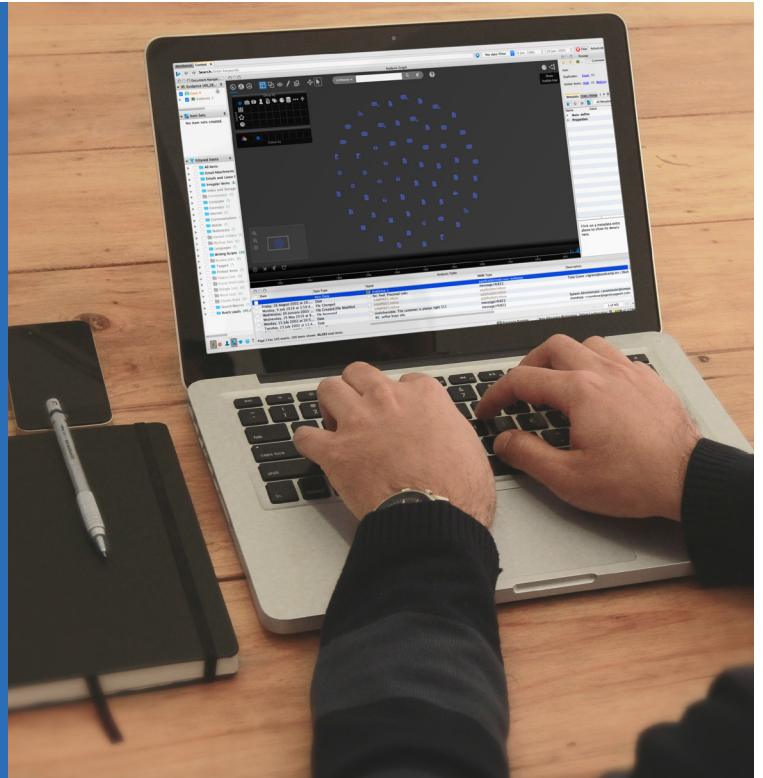# NUIX ENGINE

Transform masses of messy data into actionable intelligence
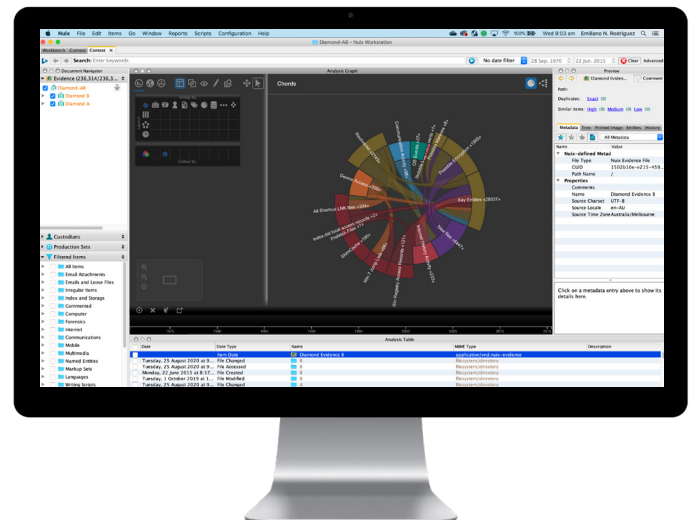
The Nuix Engine is a supercharged processing, search and analysis technology for human-generated and machine data. This innovative technology sits at the heart of our software, powering it to solve complex real-world challenges including litigation, investigation, incident response, governance, risk and compliance.

WHY PROCESSING MATTERS

Gaining timely insights from ever-growing volumes of data requires powerful processing. However, not all processing technologies are the same.

- **Human-generated data is unpredictable –** it can range from an individual text file to terabytes of email databases.

- **Legally sensitive tasks require forensic precision and integrity –** it's simply not an option to skip over corrupt files or formats that are 'too hard.'

- **Unstructured data is often layered within complex containers and database structures –** no other technology can handle as many file types and file formats as the Nuix Engine.

The Nuix Engine uses patented parallel processing, load balancing and fault tolerance technologies to get to the heart of data with speed, scale and forensic accuracy.

Nuix Workstation gives you a single view into all your evidence sources by harnessing the patented Nuix Engine.

10 DIMENSIONS OF DATA

The Nuix Engine can handle more than 1,000 data types – and we're continually adding new and emerging formats. Our technology has an unmatched understanding of file formats and storage types across 10 dimensions:

- Communications
- Databases
- Digital and mobile forensics
- Enterprise and cloud systems
- Human-generated content
- Log files
- Multimedia
- Network captures
- Real-time and social media feeds
- User and endpoint behavior.

It connects directly to the data sources where most organisations store their data including file shares, mobile devices, cloud collaboration platforms, email servers, archives and enterprise applications. As organisations move more of their data into the cloud, we keep pace by adding support for popular cloud storage and collaboration tools including Microsoft 365, Amazon Web Services and Google Workspace.

The Nuix Engine can search virtually unlimited volumes of human-generated and machine data with unrivalled speed and precision. It has a unique combination of parallel processing, load balancing and fault tolerance technologies, combined with a deep understanding of complex file types that other tools can't match.

BUILDING CAPACITY FOR TOMORROW

Nuix provides the option to use Elasticsearch as its database back-end. This advanced database technology amplifies Nuix's processing and search capacity into the petabyte range by making it possible to extend your Nuix data across multiple servers in your datacentre or in the cloud. Applying on-demand cloud computing resources to the Nuix Engine will soon allow you to process more than a terabyte of complex human-generated data per hour.

ALL PROBLEMS ARE DATA PROBLEMS

Organisations around the world use the Nuix Engine for litigation, investigation, incident response, governance, risk, compliance 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.

With Nuix's investigative analytics and intelligence software, powered by the Nuix Engine, you can understand the context and connections across billions of items in your data – search it, filter it, visualise it, analyse it and find the truth it holds.

Gain clarity into even your messiest data.

www.nuix.com/our-technology