



## NewsEdge™ NLP Engine

### **One flat fee, millions of data points, unlimited insights**

The Moody's Analytics NewsEdge NLP (natural language processing) Engine enables organizations to harness the power of artificial intelligence to extract insights from their data without expending internal resources to build and maintain a proprietary natural language processing solution.

The NewsEdge NLP Engine is independent and can run in proprietary cloud environments or on-premises at your site. It is informed by decades of text-based processing experience and powered by the same NLP technology used to enrich Moody's Analytics NewsEdge suite of solutions. Now your organization can efficiently turn your unstructured data into business intelligence too.

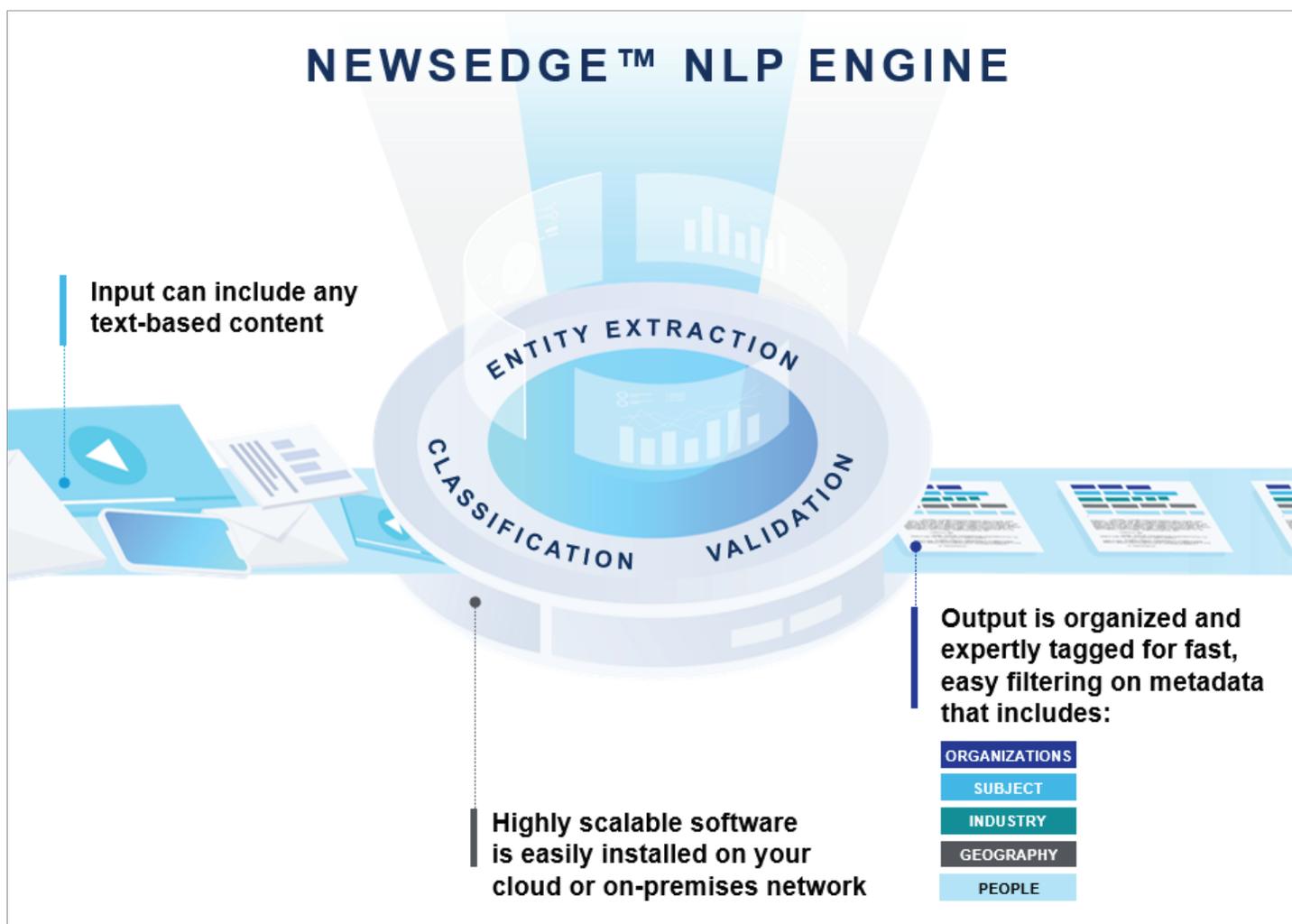
## NLP technology extracts valuable intelligence from your existing data

NLP is becoming a critical technology for many organizations looking to uncover information from the large amounts of content available within their business, for example:

- » Financial services organizations gathering intelligence to inform their investment strategies
- » Media monitoring firms looking to identify people and organizations in broadcast transcript or closed captions
- » Law firms seeking to quickly identify client-relevant information

These are just a few examples of how the technology in NewsEdge NLP can make resource intensive tasks more efficient, timely, and effective.

NewsEdge NLP Engine can be used on unstructured data or free-form text such as email, documents, reports, and online content. Our NLP engine helps to quickly surface the context of what lies within the data without having to manually read and record salient data points, saving valuable time and resources. At its simplest, it helps organizations to speed up the process of understanding what information lies within your content especially as the processing power of this technology makes it possible to mine large amounts of content in minutes and organize data relationally for immediate business intelligence.



## The NewsEdge NLP Engine standardizes and enriches content with valuable metadata

- » Entity extraction on close to one million of the world's top companies and growing, including US and global public companies, as well as the most important privately held companies
- » People identifiers associated with the world's top companies, notable politicians, and other individuals of global importance
- » 2,400 hierarchical subject codes offering high-level categories such as Business and Commerce, Economics, and Politics, as well as very targeted categories like Angel Investing, NFTs and Crypto.
- » 1,275 industry codes that include top-level categories such as Utilities, Technology, and Pharmaceuticals that drill down to more specific industries such as Wind Farms, Cloud Computing Services and Immunotherapeutics.
- » Over 70,000 global locations and growing : Region, Sub-region, country, state/province, city/town, as well as GPS latitude/longitude information.

## The NewsEdge NLP Engine difference

Moody's Analytics NewsEdge NLP Engine offers unique advantages that set us apart from other third-party NLP providers, for example:

- » Transparent, flat fee licensing with no upcharges
- » Data protection with on-premises or proprietary cloud deployment
- » Decades of text processing experience
- » Unparalleled precision and timeliness
- » Maintenance free operation
- » Clear explainability into classification and metadata tagging

## Independent operation that is affordable

Many businesses feel that they need to choose between an NLP solution that will either keep costs affordable or a solution that can maintain data privacy for sensitive data, but with NewsEdge NLP Engine, businesses can have both. NewsEdge NLP Engine is an independent solution that you can run in your own cloud environment or on-premises at your facility, keeping your proprietary data confidential and secure. These deployment options means that you can utilize the technology as little or as much as you need. The transparent flat fee license enables you to keep costs under control regardless of usage requirements or fluctuations in volume.

## Precision without the overhead

Moody's Analytics NewsEdge NLP Engine is the only third-party NLP solution that has been built on decades of news and text-based processing expertise, enabling you to benefit from mature, proven models without the overhead responsibility. Our real-time technology with human oversight approach enables us to provide both the precision and the speed you need. With continuous maintenance and proactive updates pushed to all NewsEdge NLP Engine clients, you can be confident your NLP engine is always running with the latest information and updates, and without added costs.

## Traceability when it matters

NewsEdge NLP Engine provides the transparency and traceability you need too. We provide you with context and understanding around how our classification and tagging process identifies entities, topics, and events in your content. Each metadata tag can be traced through our processing engine explaining how and why the tag was applied to particular content. This explainability advantage is important as regulators begin to signal interest in introducing transparency requirements into AI-automated decisions.

As text data stored within your organization continues to grow with each day, NewsEdge NLP Engine helps you to get more insights from the information you already have. You can count on it to organize the data stored within your organization as well as make connections to the data you continue to ingest enabling you to quickly extract the intelligence your business needs to make timely, informed decisions.



## CONTACT US

Find out more information about Moody's Analytics award winning products and solutions.

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