

News can predict credit downgrades, but the volume of sources, articles, clients and instruments to track have limited its application. To answer these challenges, Dow Jones Factiva and Oliver Wyman have partnered on an artificial intelligence (AI) powered solution to deliver the signals from news content that preempt corporate credit risk.

Factiva Sentiment Signals is a cutting-edge natural language processing (NLP) deep learning toolkit and transformer model that processes unstructured and high-frequency textual information to generate risk related signals in real time.

## Product Capabilities



### Predictive, news driven solution

Create and refine predictive models that interpret news events, including broader trends and shifts, by leveraging unique signals generated by state-of-the-art technology.

- Make timely, more informed decisions with content and articles that further contextualize critical risk signals
- Track your portfolio companies, easily check their signal scores and conduct continuous monitoring



### Unrivalled Content Collection

Factiva Sentiment Signals harnesses Factiva's global premium news content to monitor corporate credit risk in real-time.

- Access Factiva's full content collection, which includes 9,800 premium global news sources
- Benefit from coverage on over 300,000 companies both public and private, with no paywalls
- Track news underlying generated signals for greater transparency in decision making



### Benefits

- Save time and money by not having to develop complex solutions in-house
- Quick deployment with no integrations – simply login with a corporate email address
- Easy to use web application with a simple user interface providing color-coded signals and easy to understand graphs
- Explainability: News articles to support scores on-demand
- Built in user feedback, an integrated help section, FAQs and 24 hour support

# Use Cases

## Corporate Credit Risk Management Professionals

Companies have a vested interest in the creditworthiness of their customers and suppliers. For risk management professionals, this means monitoring news and market trends that could affect credit portfolios and more general corporate credit risk issues across their industry. Factiva Sentiment Signals streamlines discovery of up-to-date corporate credit risk events and portfolio outlooks.

- Reduce loan book losses and risk weighted assets while increasing investment performance
- Monitor company portfolios with an intuitive application
- Predict unforeseen risk events up to 3-6 months ahead of credit agencies

## Supply Chain & Procurement Professionals

Vetting suppliers and monitoring corporate credit risk is critical to business functions across industries, including insurance, supply chain, procurement and sales professionals.

- Check the creditworthiness of suppliers and monitor issues in your supply chain network.
- Factiva Sentiment Signals can help create a robust program to assess corporate credit risk for various needs

## Portfolio Managers

Managing and predicting risk in portfolios has to go beyond tracking market events. Factiva Sentiment Signals analyzes news to provide a clearer picture of the credit events that precede major market shifts. Whether you experience labor issues, supply chain disruption, financial risk and more, Factiva Sentiment Signals helps surface those events ahead of other methods.

- Develop more effective investment strategies by anticipating market shifts
- Pinpoint the factors that cause market related events and develop a better perspective of trends and patterns
- Predict 70% of credit rating downgrades 3-6 months in advance\*

## Chief Financial Officers (CFOs)

CFOs need to stay ahead of corporate credit risks while understanding the entirety of their organization's financial health.

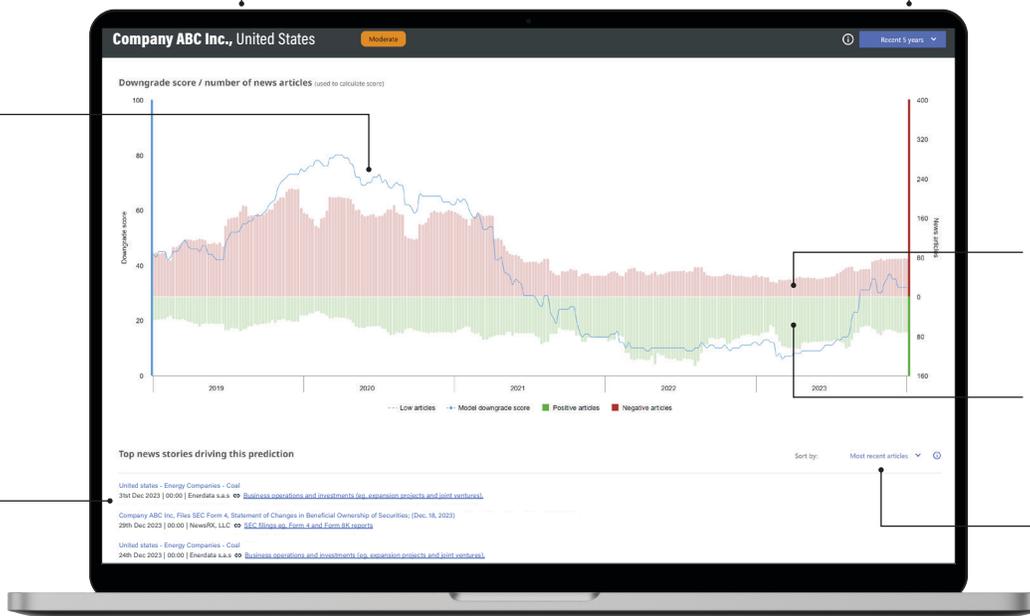
- Get information that is critical to your organization from trusted global sources
- Easily access your portfolio outlook and its predictive signals on a web app
- Make more informed investment decisions and allocations to increase your portfolio performance

\*Based on a test set of 300 private and public companies.

Prediction generated at entity level and in real time

Rating/ Credit event information displayed

Headlines (click through to full articles)



Observation period can be freely selected

Articles with negative information on credit quality

Articles with positive information on credit quality

Sort news stories by date, theme or influence