

# Supplier Risk Intelligent Application

## Benefits



### Identify Risks and Take Action

Be alerted to supplier risks when they happen and receive recommended actions



### Build a Stronger Supply Chain

Timely response to the risks Suppliers pose to your business enables you to build a more reliable supply chain.



### Focus on the important

Focus supplier managers on the public information that matters



### Increase Supplier Intelligence

Increase awareness and understanding of suppliers



### Improve Contract Negotiation

Identify concerns with suppliers and negotiable concessions

## Machine Learning to Build a More Reliable Supply Chain

### The most productive Supplier Managers are deploying AI today

Supplier Managers require comprehensive and timely information about their suppliers but lack the time and tools to find all the critical risk events that may disrupt their supply chains. Events such as data breaches, government lawsuits, acquisitions, mergers, and layoffs may impact your business and knowledge of them allows you to proactively manage your suppliers and maintain your supply chain's reliability. However, the quantity of public news and information about suppliers are overwhelming and often overlooked because weeding through the noise is time consuming and difficult. Artificial Intelligence (AI) can sift through this vast trove and focus on the critical events automatically, freeing supplier managers to focus on what is important and take the necessary actions to keep the business running smoothly.

### Knowledge is intelligence that drives action

Knowing the activities of suppliers provides the intelligence that Supplier Managers need to make the right decisions. When a supplier is hit by an employee lawsuit or is struck by a natural disaster, Managers need timely information to take proper actions from engaging with internal legal and compliance teams to meeting with suppliers for remediation. Knowing the challenges and activities of your suppliers provides the intelligence needed to take action based on informed decisions.

“New risks emerge with increased complexity, impact and velocity,”

“Most leading organizations tackle this challenge with automated risk assessment and monitoring. Speed, accuracy and awareness are crucial.”

**Koray Köse, Senior Director Analyst at Gartner.**

## Supplier Management Powered by Data Science

### Transform Your Business with Data

Data-driven organizations lead. To gain from AI means to apply science to your internal and external sources of data. The TenPoint7 Supplier Risk Intelligent Application captures risk events by crawling 1000's of public data sources and notifies Supplier Managers so that they can take appropriate action.

### Software that's Always Learning, Always Improving

TenPoint7 Supplier Risk was built hand-in-hand with industry experts. Yet, every business is unique and partners with those suppliers that best meet their needs. Thus, the application is extensible and can quickly be customized to detect events and make recommended actions specific to your requirements.

### Collaborative Effort Among Experts

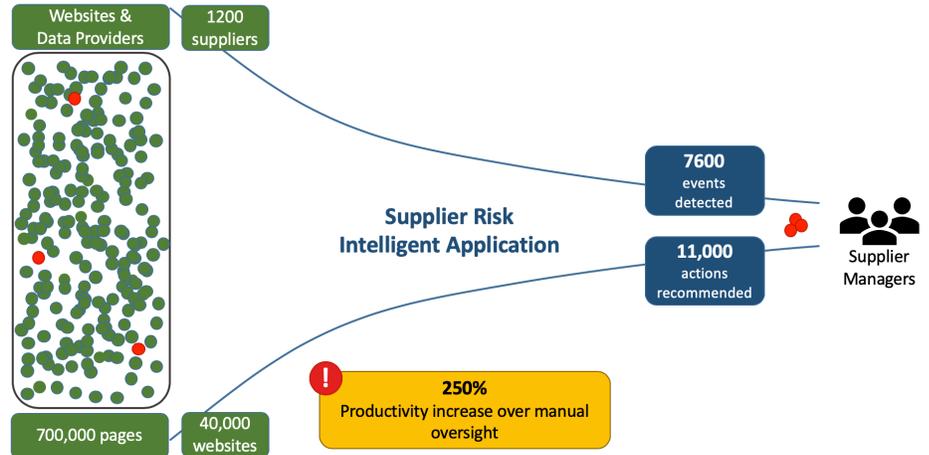
It's science harnessed for the benefit of your business. It's the collaborative problem solving by supplier management experts plus our AI experts that give direction and purpose to the science. Within TenPoint7 Supplier Risk, users can easily tag the risks that are most concerning, comment on specific events, plus choose to follow the recommended actions or make their own recommendations. All the user feedback is viewable to others and used to continually improve the accuracy and intelligence of the application.



## What does it do?

You simply provide the list of suppliers and the system crawls 1000's of web pages gathering risk events on those suppliers. The application uses NLP (Natural Language Processing) and text extraction to identify supplier risk events that it's been trained to find. Recommended actions are created for the detected events focusing managers on supplier intelligence that matters. In this example, 700,000 web pages were crawled on 40,000 websites for 1,200 Suppliers. 7600 Events were detected resulting in 11,000 actions and a productivity gain of 250%. The system detects new Events every day.

## Application Example Data Flow



## Can I Customize?

TenPoint7 can configure the system to your specific industry or business needs. This includes the ability to quickly add or modify: websites and data providers; events to extract; recommendations for action, or analytics for insight.

## How Does it Work?

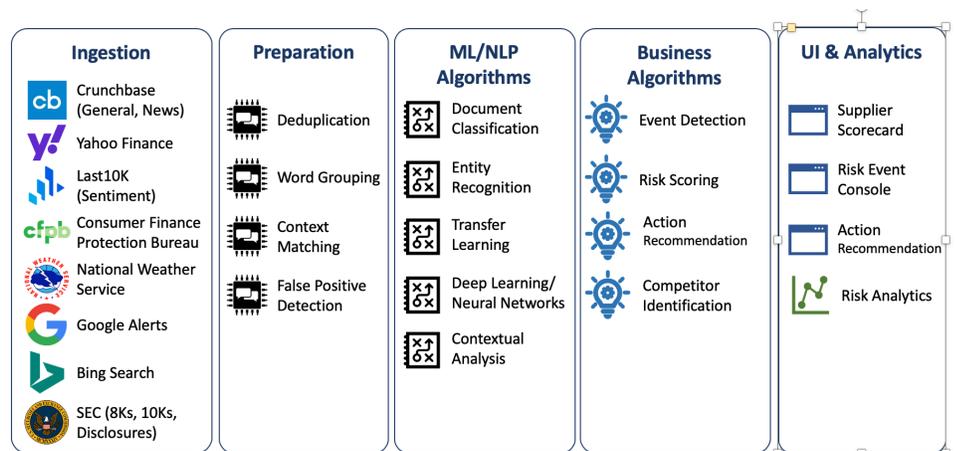
The TenPoint7 Supplier Risk Intelligent Application runs on the TenPoint7 Cloud SaaS platform providing many advantages:

- End-to-end full stack application with User Interface (UI) including Analytics
- Commercial grade Pipeline for data ingestion, preparation, transformation, and modeling
- ML (Machine Learning) and NLP algorithms built into the system
- Runs on AWS (Amazon Web Services), delivering scalability, reliability, and security
- Provided as a subscription model for economic advantage
- New features, enhancements, and customizations immediately available to your application
- Integrate with third-party business applications via API

## Customizable Components of the System



## TenPoint7 Cloud - SAAS Platform



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