LRQA

Sentinel

POWERED BY

EiQ

LRQA's Supply Chain ESG Intelligence Platform (EiQ)

Sentinel is the adverse media screening tool in EiQ. It leverages human intervention and machine learning technology to deliver enhanced near-real time supply chain ESG risk monitoring. Sentinel has been used to scan more than 160,000 suppliers and counting.

How does it work?

Sentinel scans the web for insights on key supply chain ESG risks and media controversies related to suppliers and vendors, including but not limited to human rights, environment, bankruptcy, layoffs, wages, working hours and health and safety. The process covers more than 100 languages and returns thousands of results that are filtered and categorised by our machine learning algorithm to detect near real-time reputational and resilience incidents for supply chains.

01 Information

User provides information to LRQA on a supplier or factory including location, name, local language name, product type, etc.

02 Scan

Sentinel scans hundreds of thousands of public news and information sources (in English and in local languages), including local/ international media, NGO reports, government reports, worker allegations, social media platforms, and other sources.
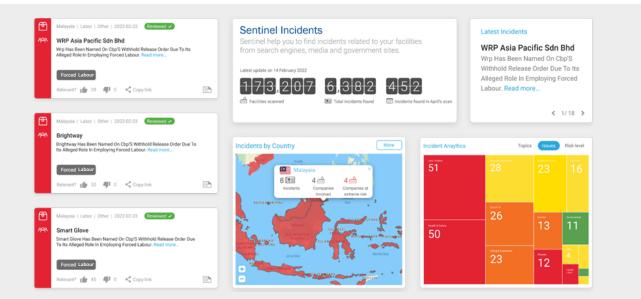
03 Screen

The results are screened by our ESG analysts and then segmented and categorised by industry, region, thematic area, and risk level.

04 Report

This generates an online report that provides the user with oversight of emerging and existing risks related to a vendor, supplier, factory, farm, logistic company, or other facility type.

Note: We perform Sentinel scans on a monthly basis but can customise based on client demand.

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Coverage and sources

The Sentinel scan collects hundreds of thousands
of data points every month from sources including:

The largest news search engines
i.e. Google, Baidu

External compliance datasets
i.e. BetterWork

Specialised press
i.e. Business and Human Rights
Resource Centre, Violation Tracker,
and others

**Unique local news sources in key
sourcing countries**

**Sentinel covers sources in more than
100 languages**

Sanction lists
- Global Affairs Canada list
- The United Nations Act list
- Restrictive measures (sanctions) -
  EU Sanctions Whistleblower Tool
- Australia Department of Foreign
  Affairs and Trade - Consolidated List
- Consolidated list of persons,
  groups and entities subject
  to EU financial sanctions

- World Bank Listing of Ineligible
  Firms and Individuals
- List of Banned Organisations of
  Textile Exchange
- Withhold Release Orders (WROs)
- Office of Foreign Assets Control
  SDN Sanction List
- U.S. Government Consolidated
  Screening List

Sentinel covers 30+ ESG issues that are aligned with the five key pillars, Labour, Health and Safety, Environment, Business Ethics, and Management Systems.

Pillars	Tags
Business Ethics	Business Ethics
Environment	Discharge & Emissions
	Greenhouse Gas Emissions
Health & Safety	Building Safety
	Employee Protection
	Fire Safety
	Injuries & Accidents
	Fire Incidents & Other Fatal Accidents
	Living Conditions
Labour	Child Labour
	Forced Labour
	Humane Treatment
	Minimum Wages
	Overtime Compensation
	Excessive Overtime
	Freedom of Association
	Vulnerable Workers
Management Systems	Management Systems
	Unauthorised Subcontracting
Other	Product Recall
	Animal Welfare
	For Further Review
	Covid
	Lay-offs

Use cases

Sentinel can be used by investors and corporates for:

- New supplier screening and selection
- Near real-time risk identification
- Alerts on critical issues e.g. forced labour
- To inform spot-check audits
- Internal and external reporting

LRQA's Supply Chain ESG Risk Ratings

Sentinel data is integrated within EiQ in the value calculation process for LRQA's Supply Chain ESG Risk Ratings product suite. LRQA leverages the web data points from Sentinel to complement the risk information coming from audits and public domain data. Sentinel data integrated with LRQA's proprietary data from its on-the-ground assessments together generate the Supply Chain ESG Risk Ratings for more than 350 products and more than 100 countries and provinces.

Benefits

Sentinel is designed to support supply chain programme effectiveness by:

- Supplementing the due diligence process for new supplier screening
- Enhancing the existing assessment and monitoring mechanism through more real-time insight and additional data sources
- Enabling users to proactively and effectively identify risks in the supply chain
- Enhancing transparency through supplemental insights into potential supplier risks
- Ensuring coverage of all material related to responsible sourcing issues and allegations
- Enabling wider coverage of relevant information by pulling data from sources such as government agencies, external NGOs, and civil society groups

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YOUR FUTURE. OUR FOCUS.