



quantexa

# Supply Chain Integrity Monitoring in Telecoms

Ensure compliance through proactive monitoring of third-party, fraud, bribery, and corruption risks



## Entity Resolution

Connect internal and external data at scale



## Network Generation

Reveal real-world connections



## Analytics + Ai

Innovate and build stronger models



## Visualisation

Explore data and uncover hidden connections

In the dynamic landscape of the telecommunications industry, proactive risk monitoring has emerged as a crucial practice, leveraging new technologies to safeguard against a multitude of threats. With the ever-expanding reliance on global connectivity, the industry faces significant challenges in supply chain integrity, with issues ranging from sanctions and conflicts to procurement, fraud, bribery, and corruption. Additionally, amidst growing environmental concerns, the industry is increasingly focusing on decarbonization strategies to reduce its carbon footprint and promote sustainable practices.

## Key threats and challenges facing Telecoms businesses

- Siloed supplier screening and lack of intelligence sharing pose operational challenges.
- Engaging with a large volume and complex network of external entities, exposing them to legal, financial, and reputational consequences.
- Lack of capability to proactively monitor transactional data and activity to detect and prevent risk in real time.
- Increased regulatory pressures and financial penalties surfacing from the **Telecoms Security Act** and the **Electronic Communications Security Measures Regulations**

## Key benefits to Telecoms adopting this approach

- Advanced monitoring techniques based on the cutting edge technology such as AI, machine learning, and data analytics, can fortify defences, and detect new and existing risks.
- Increase investigation efficiency and a reduction in false positive rates.
- Embracing these techniques helps ensure compliance, protect stakeholders, and maintain a competitive edge.

## The key technology features required for a supply chain integrity platform

What are some of the key technology requirements for a centralised monitoring platform?



Combining transactional data such as invoices and payments, with master data relating to suppliers and customers, and external intelligence.



Use of entity resolution to identify cases where multiple master customer and supplier records with varying levels of detail are referring to the same business or person.



Graph analysis which automatically identifies connections between entities such as suppliers and employees, enabling effective identification of issues such as conflicts, fraud and sanction violations.



Real-time or near real-time data feeds to enable rapid identification of non-compliance and enable continuous monitoring of third parties.



Holistic view of risk and compliance trends by market / business area, driving proactive intervention, prioritisation of key activities and increased efficiency of your teams.



Ability for different parts of the business to use the platform for their own risk use-case, removing the duplication of effort to capture and analyse data.

## Benefits of a central supply chain integrity platform

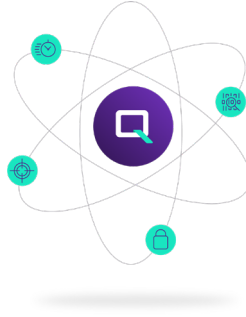
What are the key drivers for a centralised analytics technology for supply chain integrity monitoring?

### 1 Third party intelligence

Creating a centralised, 360 view of your customers and suppliers to understand who you are doing business with, what risks they may pose, and where opportunities may lie to drive further business or efficiencies.

### 3 Fraud and Error

Analysis of transactions in areas such as procurement to identify instances of potential fraud perpetrated by suppliers or employees, avoiding financial and reputational damage.



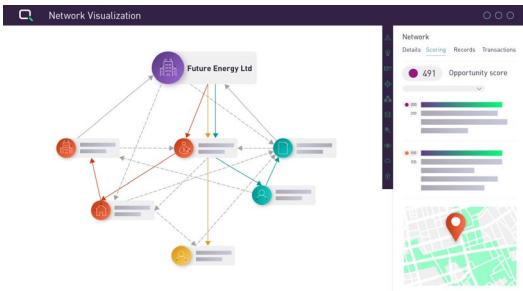
### 2 Risk and Compliance

Proactively monitoring for instances of non-compliance, including undeclared conflicts of interests, sanctions, bribery, corruption and gifts and hospitality breaches can avoid significant fines and reputational damage.

### 4 Master Data Management

Utilizing entity resolution to cleanse and deduplicate master data, making screening and risk analysis more efficient and accurate.

## Quantexa for Supply Chain Integrity Monitoring



Quantexa's Decision Intelligence platform enables third party screening and contextual monitoring, alongside the ability to proactively monitor your organisation's transactional data for potential instances of fraud, error, and non-compliance, all within a single platform. Its powerful advanced analytics capability connects multiple internal and external data sets, providing a single view of the data enriched with intelligence about the relationships between people, organisations, and things.

The Quantexa platform brings together key intelligence across all channels and threats and offers richer context and understanding of the integrity risks within your supply chain, enabling you to make better, more informed decisions to protect your organization with:

Single Third-Party View | Automated Screening | Transaction Monitoring | Investigations + Remediation

Example data types: Sanctions, Fraud, Negative News, Off-Shore Structures, Anti Bribery and Corruption, PEPs, ESG, Organised Crime, and Anti Competition

### Learn more / contacts

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#### About Quantexa

Quantexa is a global data and analytics software company that helps organizations make more informed operational decisions through meaningful data. Quantexa's platform uses the latest big tech and AI to power contextual Decision Intelligence; a new approach that uncovers hidden risks and reveals new opportunities by providing a holistic, connected view of internal and external data, all in one place. These insights help companies solve major challenges across data management, KYC, customer intelligence, financial crime, risk, fraud, and security throughout the customer lifecycle.

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