ADVANCED RISK ANALYTICS (ARA)

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Utilises Artificial Intelligence (AI) and Natural Language Processing (NLP) to provide advance and comprehensive coverage of risks in the supply chain. The sophisticated risk assessment platform enhances existing security programs by operating at high levels of sensitivity to identify risky shipments based solely on available data.

Our ARA can interface with an existing legacy system. It can also operate as a standalone system or be deployed together with other TFP applications.

Highlights

- Utilises a comprehensive horizontal and vertical risk scoring approach that covers the entire supply chain and clearance process
- Incorporates text mining, historical pattern analytics, predictive analytics, network analytics and various deep learning technologies to complement traditional rules-based approaches to provide a 360-degree view of risks

Key Benefits for Governments

- A combination of configurable filters, risk profiles and risk thresholds provide authorities with a holistic risk assessment for each shipment to identify those that requires further security assessments, checks and inspections
- Automated processes support Customs in monitoring shipments by deriving insights from risk assessment outcomes and large volumes of seemingly unrelated data

Key Benefits for Trade Community

- Improves overall compliance of the trade community and provides a foundation from which further beneficial initiatives such as Authorised Economic Operators (AEO) certification are launched
- Optimises overall costs and cargo processing time by minimising unnecessary physical inspections