INSIDER RISK MANAGEMENT IN THE MINING SECTOR

Consolidated Approach Enables Global Mining Company to Get 'Left of Boom'

Company Profile: World Leading Mining Company

This DTEX customer is a leading mining company with more than 80,000 employees working across substantial digital infrastructure. Like most critical infrastructure organizations, the company faced significant challenges in managing insider risk effectively. The leadership had identified a need for a comprehensive solution that could integrate meaningful data from various platforms in order to provide the necessary behavioral context to proactively mitigate insider risks before data loss occurred. In other words, they needed a solution that would enable them to get 'left of boom'.

The Challenge – Disparate Technologies, Fragmented Data

Before adopting DTEX, the mining company had an array of technology platforms cutting across the SIEM, endpoint and cloud security, plus document management and protection. While these individual platforms were effective in their domains, the lack of integration and correlation between them posed numerous challenges.

The primary issue was the inability to connect the dots and understand the early warning indicators of concern based on user actions. Although data was collected from different sources, there was no clear picture of insider risks or potential threats due to the lack of contextual, behavioral telemetry. This fragmented approach resulted in operational inefficiencies, leaving analysts reactive rather than proactive in their risk mitigation efforts.

The Solution — A Single Pane of Glass for Insider Risk Management

DTEX emerged as the game-changer with its InTERCEPT platform, which provided a single pane of glass for insider risk management, kept separate from the traditional Security Operations Centre (SOC). Key aspects of the solution included:

INGESTING AND CORRELATING DISPARATE DATA
The DTEX InTERCEPT platform ingested data from various platforms and sensors (covering human, cyber, physical, and organizational) – quickly, easily and at scale – to provide the necessary context to accurately calculate, score and remediate insider risk, proactively.

BEHAVIORAL CONTEXT AT THE ENDPOINT
DTEX provided valuable contextual telemetry at the endpoint layer, enabling better correlation of behavioral data into user activities to create more holistic risk profiles.

DYNAMIC RISK SCORING
DTEX utilized a dynamic risk scoring mechanism based on aggregated data from multiple sources, allowing proactive identification of potential risks and the opportunity to take action before any incidents occurred.

QUICK FACTS

INDUSTRY:
Mining

REGION:
Global

COMPANY SIZE:
80,000+ employees

DTEX INTEGRATIONS:
CrowdStrike, NetSkope, Vera, Titus, Splunk and Snowflake

DTEX DEPLOYMENT:
45,000+ (including 400+ servers and 1000+ VDI)

CHALLENGE:
Lack of integration between data sources causing insider risks to fall through the cracks

SOLUTION:
Future-proof insider risk management platform underpinned by powerful integration and data analysis capabilities

The Results — Holistic Insights for Proactive Insider Risk Management

By adopting DTEX InTERCEPT as its insider risk management solution, this mining company successfully addressed the challenges of integrating disparate data sources and gaining valuable context for user actions. The 'single pane of glass' approach afforded by the InTERCEPT platform allowed for proactive risk identification and faster remediation, ultimately leading to a notable reduction in data loss incidents. This case study services as a compelling example for other enterprise organizations at a crossroads in determining whether insider risk should be managed within the SOC or as a separate function.

Proactive Insider Risk Management: With DTEX InTERCEPT in place, the company witnessed a remarkable shift from a reactive approach to proactive insider risk management. They could now identify potential risks much earlier in the insider threat kill chain, allowing them to take preventive measures swiftly.

Speed of Risk Identification and Remediation: DTEX streamlined SOC operations by accelerating the identification and remediation of insider risk incidents. Previously, investigations could take months, but with DTEX's integration, this was reduced to a matter of days.

Simplified Investigations: DTEX's intuitive dashboards and correlation capabilities simplified investigations, allowing analysts to make informed decisions more efficiently.

Quantifiable Outcomes: Within six months of implementing DTEX, the mining company achieved a significant reduction of more than 50% in data loss incidents compared to the same period in the previous year.

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REQUEST A DEMO

Contact us today to schedule a demonstration at demo@dtexsystems.com

ABOUT DTEX SYSTEMS

DTEX Systems empowers organizations to prevent data loss and support a trusted workforce by proactively stopping insider risks from becoming insider threats. Its InTERCEPT™ platform consolidates the essential elements of DLP, UBA, and UAM in a single light-weight platform to detect and mitigate insider risks well before data loss occurs. Combining AI/ML with behavioral indicators, DTEX enables proactive insider risk management at scale without sacrificing employee privacy or network performance.

To learn more about DTEX Systems, visit www.dtexsystems.com.