



MINETELL INNOVATION HIGHLIGHT



COMPANY OVERVIEW

Minetell is an enterprise risk management SaaS platform that measures and communicates risk exposure and control performance in real-time. We support organizations in complex, capital intensive industries. Highly flexible and scalable, Minetell uses AI/ML to streamline data management to predict, prevent and alert decision-makers to control failure. Minetell drives transparency of risk exposure and control performance helping organizations monetize their exposure to unacceptable risk.

LOCATION: TORONTO, ON

TECHNOLOGY



Data Centre and Cloud



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NO ANALYTICS = EXPOSURE TO RISK

Organizations in complex industries cannot easily measure environmental and social governance (ESG) risk exposure and control performance. Therefore, they cannot communicate reliable and actionable information to decision-makers in real-time. This has adverse effects on billions of dollars of investments, local communities and the environment. Stakeholders demand exceptional insight into their operations. Transparency is paramount to trust. To manage risks effectively, organizations must know their exposure (ESG) risks and know when to take action to mitigate those risks.

PROVIDING REAL-TIME INFORMATION FOR RISK EXPOSURE

Effective risk management requires real-time information on risk exposure and control performance. Knowing whether these are acceptable or not will help build confidence that the controls are currently working. To provide the necessary level of comfort, Minetell measures control performance, rather than waiting to evaluate what happened. Nowadays, companies can only confirm that controls to limit risk exposure are in place. In contrast, Minetell's solution tests these controls and their effectiveness. Minetell's approach results in reliable and actionable information in the hands of decision-makers. Instead of static, lagging reports that few people read or understand, Minetell empowers real-time decision making with alerts and situational awareness.

MOVING FROM SINGLE-SITE TO MULTI-SITE

Currently, the Minetell platform can install on a single mining site per company basis. Looking to improve their platform model and meet the demands of the market, Minetell wants to operate on a multi-company, multi-site mode. Trying to figure out the correct infrastructure needed to implement this feature, Minetell came to CENGN. To meet their needs, CENGN assisted Minetell in migrating from MySQL to PostgreSQL testing for performance changes. Front and back end testing was also done, validating that the servers could handle 250,000 total users and 10,000 concurrent users at once.

"We were able to identify scaling thresholds so that we can automatically spin up new production servers once the thresholds are breached, rather than keep the servers running all the time - thus saving on our costs."

**Shabs Badshah, CTO,
Minetell**

