BLOCKCHAIN POC

Health and Safety using Blockchain

Our client in Calgary is the largest safety association for the oil and gas industry. Their vision is to ensure zero injuries and zero incidents within oil and gas environments. This would require verification that all parties have the proper certifications, which requires the collaboration of many institutions.

The process for tracking and auditing of the certifications therefore becomes a challenge that burdens the industry with indirect costs. Performing the base certification for all workers costs the industry $50M ($50 Million) annually.

Lixar assisted the client in implementing a Proof of Concept (PoC) to establish a common trust-based platform to facilitate safety auditing and certification between all stakeholders and players within the ecosystem. This included certificate providers, regulatory bodies, and energy companies. The solution leveraged Blockchain as a Service (BaaS) on Azure.

This solution, when implemented, could save the client up to 80% in certification costs, and save countless lives and injuries.