MK: MinesKeeper

by

Ewala! | Security Wizards
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MinesKeeper will create and integrate several technological tools to centrally and continuously monitor the health safety indicators of workers in mines or open pit mines. For this purpose, it is proposed to use environmental sensors and biosensors incorporated in the workers' clothing. IT architecture and all devices will be designed and developed under a cybersecurity framework to reduce potential exposure to technology risks. This architecture will also protect the sensitive personal information of the workers. All the data generated by the sensors will be analysed and visually represented in a supervision console in the cloud. The ultimate goal consists of deploying the technological tool in a secure manner in order to detect warnings in real-time, as well as to prevent potential risk situations which could endanger the safety and health of mining operators.

Vertical sector addressed

- Information/Technology

Challenges tackled by SMEs

- Health and Safety
- New Innovation Technologies

Key actions addressed

- KA 5
- KA 6

MINE-Demo scheme