

The Future: Mining

70%

**OF MINING BUSINESSES SAY
IoT IS ESSENTIAL TO
GAINING A COMPETITIVE
EDGE**

IoT integration offers potential to improve process efficiency & create new ways of safety monitoring for large-scale operations which may potentially transform the mining industry as a whole. Sensors are integral components of the IoT & have been extensively used in factories and process industries.

- By incorporating a system that manages the air, mine managers, shift supervisors, and miners are able to instantly know when it is safe to go back back underground.
- Automate the process & supply safety precautions that will speed up evacuation drills, miners will be safer & will be able to get back underground to continue their work.
- Significantly reduce the downtime of broken machinery. Companies are able to lower the risk of equipment breaking in the middle of a project or shift & they are also able to preemptively order parts that will be needed to restore broken machines as soon as possible.
- Monitor & track these things for them, machinery placement so workers can start upon rather than wasting productivity hours on gathering the information themselves.

