

WHY DO MINERS NEED INNOVATION?

Mining sector profits decreased as productivity declined by 3.5% YoY for the past 10 years. Digital innovation could provide a breakthrough



OPERATION MANAGEMENT

- Deep understanding of resource base (3D imaging)
- Increase in mechanization via automation
- Optimization of material and equipment flow
- Monitoring of real-time performance vs plan



EQUIPMENT MAINTENANCE

- Longer equipment life (Data analytics)
- Understanding mining operation at every second
- Improved anticipation of failures
- Reduced unscheduled breakdowns



HEALTH & SAFETY

- Minimized exposure to dangerous conditions, hence decreasing mine accidents (Data analytics, IoT, sensors)



REDUCED OPERATING COSTS

- Effective and cost-efficient ways to perform mining operations
- Reduced costs to explore and develop new assets