

## **The mining digital age is finally here...**

To remain competitive, the Mining industry cannot longer afford to ignore adoption of new technologies of the 4th industrial revolution which includes Internet of Things (IoT), Artificial Intelligent (AI), Augmented Reality (AR), Robotics and Automation. Companies without New Technologies Strategies will soon realize that they cannot compete or flourish in the commodity market.

Mining companies with New Technologies Strategy aligned to their own Business strategies will benefit from improved Operational effectiveness, integration of Information Technology and Data Collected within their own mining operations.

Some mining companies are already pursuing research and development on automation and robotics with the aim to:

- Improve safety of employees
- Increase throughput
- Improve uptime and utilization of plant & machinery
- Lower Carbon footprint and reduce environmental impact

Commodity driven economy countries should intensify debates on what kind of leadership, both in public and private sectors, should lead the mining digital age. The alignment of Technology strategy and business strategy will not happen unless there is strategic intent driven through willing and determined leadership that is focused in creating value.

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