

# THE CONNECTED MINE evolution

We surveyed mining executives to learn how their companies are approaching digital transformation and IIoT initiatives. Here's what we found.

## Top priorities for digital transformation

### NEXT THREE YEARS

Increase operational efficiency

OEE for optimized asset utilization and machine health

Decrease energy usage for enhanced sustainability and reduced costs

### AFTER THREE YEARS

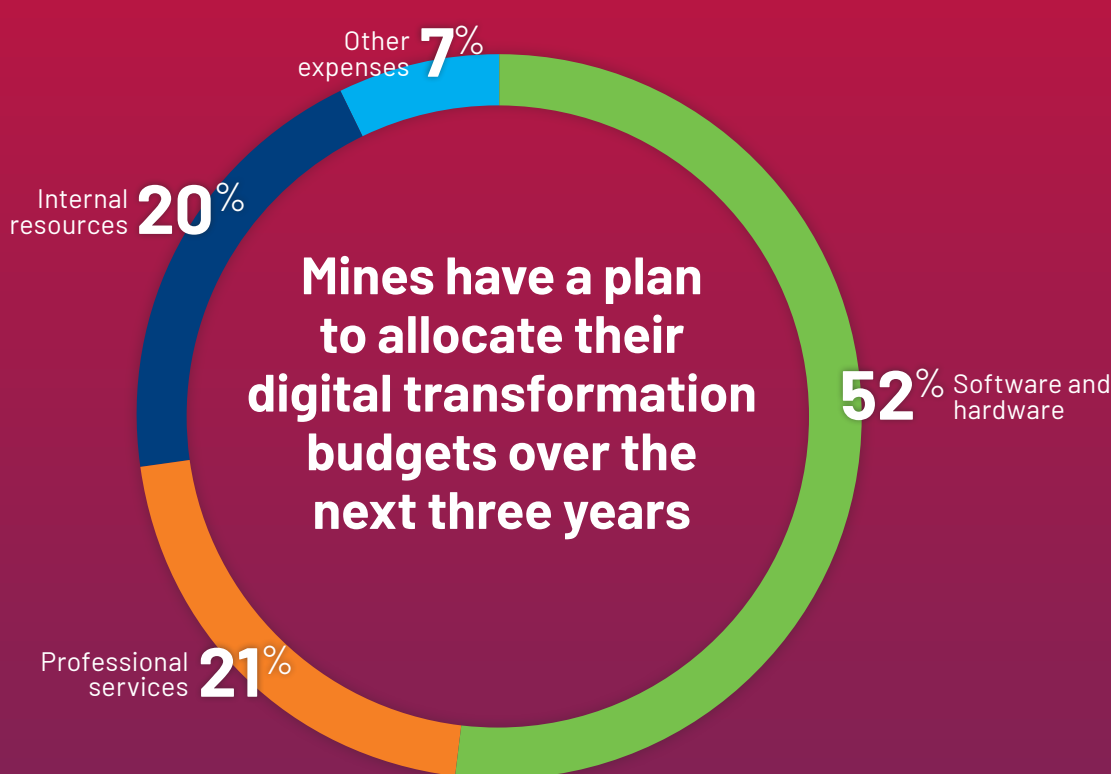
Increase operational efficiency

Achieve supply chain integration

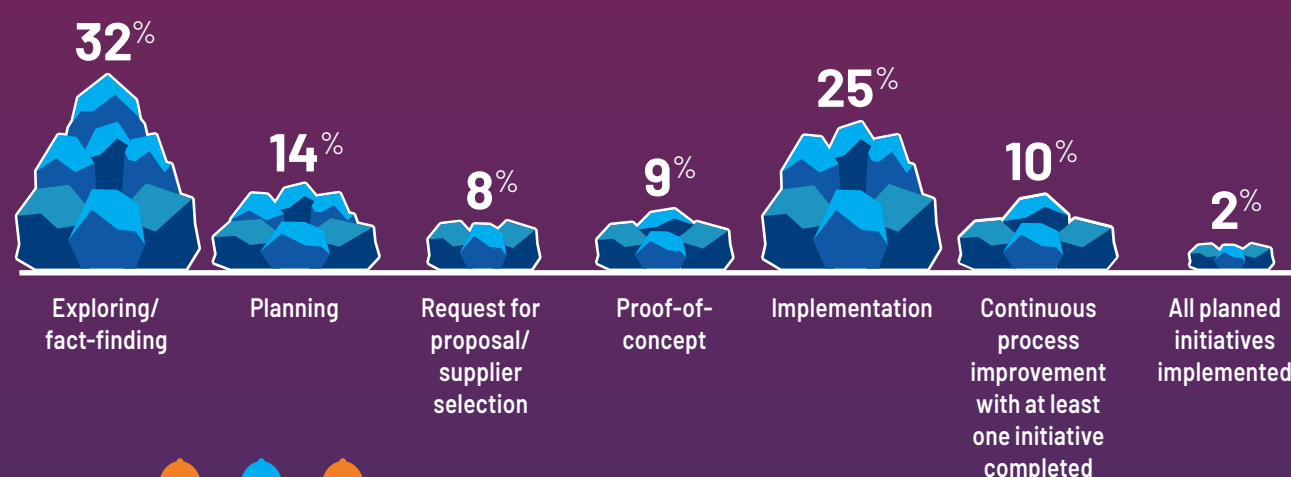
Guide management thinking and forward decisions

“Productivity doesn't necessarily mean more tons, but it may mean that you get those tons with lower inputs, less fuel, less labor, less time, fewer parts.”

Former General Manager, Rio Tinto Ltd.



## Where mining companies currently stand in their digital transformation



**2 out of 3 miners struggle to integrate data across systems**

“...Data has been around a long time. One of the greatest challenges for digital transformation is actually turning it into something useful.”

Former General Manager, Rio Tinto

## Resource and organizational challenges affecting digital transformation initiatives

**39%**

struggle to integrate legacy infrastructure

**30%**

have not yet developed a digitization strategy

**36%**

say their workforce lacks the required skills

### HONORABLE MENTIONS:

- 27% Lack of funding for initial upfront CAPEX
- 25% Unclear ROI
- 23% Culture does not support continuous improvement cycles
- 23% Pace of technology change making timing of investment difficult

## CONCLUSION

Those who make a long-term commitment to digital transformation will reap the benefits of a Connected Mine – and future innovations. An industry insider who has served as chief information officer (CIO) for two global companies summarized the opportunities succinctly:

“I strongly believe that a company that doesn't seriously go into digital transformation today will not be in business 10 years from now ... companies who push digital transformation further, maintain their investments over five, six years ... will end up eventually having competitive advantage.”

The key to propel your digital transformation is to **find the right partner.**

**SEE HOW WE CAN HELP**