

Keynote Presentation

"Designing the Digital Future of Mining: Transforming Legacy Data into Digital Gold"

Presented by: **Fay Cranmer** Senior Managing Director







Digital by Design

Designing for the future of mining

 Fay Cranmer,

 ANZ Mining Lead, Accenture | October 3rd

Acknowledgement of Country

We acknowledge the Whadjuk Noongar people, the traditional custodians of the land on which we meet today. We recognise their continuing connection to land, water, and culture, and pay our respects to their Elders past and present.

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Shifting from the mine of the future to a future-ready mine

Start with a long-term vision

A handful of mining companies are changing the game for the industry. At Accenture, we call them Reinventors.

of mining companies are Reinventors

Unlocking Unmatched Growth

Reinventors report significant gains over their peers across a range of KPIs through innovation and adoption of advanced technologies to outpace competitors and maximize profits.

Growth

10%

higher incremental revenue growth than other firms

Only

Creative energy

11%

better performance on both innovation and talent

Speed to results

30%

more financial value in the first 6 months of their change programs and significantly faster progress 360° value

33%

better performance on sustainability, 31% better on experience

Starting with 'Why'

Defining desired outcomes to drive datadriven planning and informed decisionmaking



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The digital backbone is key to overcome the challenges for a large-scale project



Rethink capital projects through technology driven execution

Build fully operable solutions through 7 levers with technology from day one

Maximise project value



Achieving Next Generation Autonomous Mining Operations

The future of self-optimising, adaptive, and integrated systems through Autonomous Decision making



Autonomous state

Maximise Proven Technologies to develop your Smart Mines Elevate your operations through Digital Thread





Embracing Digital from the Start

Typical cross-industry client results

50% more investment in new technology

improvement in operational efficiency

employees redirected to

strategic projects

30%

80%

40% savings in total

costs

70%

improvement in

productivity

savings in total cost of ownership

improvement in time to market

50%

90%

50% reduction in operating

reduction in manual errors

60%

fewer customer complaints

Key Principles for Building Next Generation Autonomous Operations



Led from the top and relevant at all levels



Data is shared, accessible and transferable across project lifecycle



Entrench a culture of partnership and shared incentives



Upskill and empower workforce to use data driven insights



Technology department sets the standards from the design phase



Performance Enhancement through Digital Transformation

Case Study: A Major Coal Mining Company

Client Context

How We Helped

- Leading Coal Producer: Responsible for 83% of the country's coal output, aiming to enhance productivity through digital transformation.
- State-of-the-Art Digitisation: Implemented across 'Seven' Mega mines.
- Enhanced Safety: Advanced monitoring systems to elevate safety standards.
- Improved Production targets: Contributed to achieving the 1 Billion Tonnes production target.
- Advanced the vision of self-sustainability.



Impact Delivered



