

FUJITSU

How Data & AI enables mining and energy



We have enabled multiple mining and energy enterprises transform into data driven organisations. Our team of experts works with each customer to understand their priorities, goals and overarching strategy to ensure we implement quality Data Analytics and AI solutions that drive high performance required by the customer.

How we enable mining and energy

Access in-house mining and energy experts to enhance your geoscience platform, understand and improve safety, maximise operating performance and efficiency, understand and improve your workforce.



Fujitsu Data & AI is now in its 4th year of partnering with Newcrest in the delivery of solutions across a range of digital platforms including data platforms, data science and AI and Enterprise and self-service reporting. Fujitsu Data & AI has consistently delivered high quality solutions and positive outcomes for Newcrest. They have also supported the delivery of our data platforms and artificial intelligence strategy.

They are a trusted partner of Newcrest."

Martin Gallagher
Newcrest IT Manager, Digital Platforms

Operations



Single source of truth

- Aggregate data systems onto a single platform
- Automate information flow and improve consistency



Embed business logic

- Design and implement integration technologies to support near real-time Cloud data platform ingestion that enables your business multichannel end-to-end data strategy



Dynamic visual reporting

- Integrate finance, operations, and other core systems data into a fast and flexible modern data platform for improved business analytics and decision-making
- Track and measure customer journeys to enable targeted advertising, while also ensuring consumer privacy compliance



Ways of working

- Embed DevOps work patterns into existing enterprise framework for seamless information transition to modern work practice
- Design and implement DevOps practices and capabilities to support your Data Platform Continuous Integration and Continuous Deployment (CI/CD) requirements



Data science proof of value

- Leverage a repeatable and proven Fujitsu Data & AI ResultsNow® methodology, to identify data, science commercially viable use cases, and best in class technical experience, to prove value and generate a business case



Cross functional collaboration

- Leverage cross-functional data platform to improve information transparency across functional teams and corporate department
- Integrate technical metrics with financial metrics to assess specific equipment or overall performance

Technology



Exploration data management

- Modernise with best in class data storage using modern Cloud based multi-server platforms for seismic, magnetics, gravity, and other sources of information
- Access processing algorithms at speed



Big data processing

- Apply algorithms at speed using multiple server-based data platforms



IoT

- Develop bespoke data storage and processing solutions that work in conjunction with specific mining and energy equipment and systems



Flexible focus

- Create data centres for individual equipment, operational or divisional streams that collaborate and optimise workflow in **real time**



Integrate technical teams with corporate

- Accelerate and automate in-house workstreams within exploration, development or production
- Integrate operating metrics with financial performance of assets, divisions, or the enterprise, as a whole

