DIGITAL MINE SUMMIT WA

FOREFRONT EVENTS

EFFECTIVELY ALIGNING PEOPLE PROCESS AND TECHNOLOGY IN THE MINING SECTOR

THURSDAY, JULY 25TH 2024

HYATT REGENCY, PERTH, AUSTRALIA

SPEAKERS

Michael Waller
General Manager Technology & Information Management

ATLAS

Graham Slattery
General Manager ICT

YANCOAL
兖煤澳大利亚有限公司

Krishna Mishra
Principal Data & Analytcs

BHP

Chad Burrows
Manager Digital Innovation

ROY HILL

Abby Buters
Data Management Project Lead

Fortescue.

Bradley Milne
Head of Mine and Innovation

Pilbara Minerals
Powering a sustainable energy future

KEY TOPICS

- Ensuring effective prioritisation and alignment in mining digitalisation
- Unpacking the journey to fully integrated data and analytics
- Overcoming the barriers to connected asset management in mining operations
- Exploring practical applications of AI in the mining sector

WHO WILL ATTEND?

- CIO/CTO
- Heads of Digital
- Heads of Innovation
- Heads of Automation
- Heads of Data Analytics
- Heads of Operations
- Heads of Asset Management

8:30 REGISTRATION, COFFEE & NETWORKING

9:00 WELCOME REMARKS FROM CHAIRPERSON

9:10 ATTENDEE SPOTLIGHT
IN YOUR TABLE GROUPS DISCUSS YOUR TOP PRIORITIES

9:40 PANEL DISCUSSION: ENSURING EFFECTIVE PRIORITISATION AND ALIGNMENT IN MINING DIGITALISATION

- Creating holistic cohesion with technology strategy, development and deployment
- Balancing technology flexibility, tailoring and independent innovation with standardisation
- Doing change management right- effectively bringing people on the journey
- Fostering collaboration between operations and technology team

Michael Waller, General Manager Technology and Information Management, Atlas Iron
Graham Slattery, General Manager of ICT, Yancoal
Bradley Milne, Head of Mine and Innovation, Pilbara Minerals
Rob Derries, Unit Manager Innovation and Technology, Goldfields

10:20 PRESENTATION: ASSESSING THE PRACTICAL APPLICATIONS OF MACHINE LEARNING IN THE MINING SECTOR

10:50 SPEED NETWORKING

11:00 MORNING TEA & NETWORKING

11:30 PANEL DISCUSSION: UNPACKING THE JOURNEY TO FULLY INTEGRATED DATA & ANALYITCS

- Maximising the incorporation and utilisation of collected data for improved operational insight
- Defining data capture processes for organisation wide standardisation
- Developing enforcement and governance for data capture

Rutu Ayachit, Manager IM Services and Analytics, CITIC Pacific Mining
Abby Buters, Data Management Project Lead, Fortescue
Krishna Mishra, Principal Data & Analytics, BHP

12:10 CASE STUDY: CENTALISED DATA ANALYTICS PLATFORMS- GETTING ACTIONABLE INSIGHTS TO THE RIGHT PEOPLE AT THE RIGHT TIME

12:40 LUNCH & NETWORKING

1:30 INTERACTIVE WORKSHOPS

- 4G Networks- Ensuring round the clock operational connectivity
- The what, how and why of integrating AI into the mining sector
- Keeping the workforce safe with a holistic cyber security strategy
- Uplifting fleet management strategy and systems
- Strategies for driving ESG objectives while growing productivity
- The new frontiers of automated operations
- Utilizing tech to transform workforce efficiency & workflow management

2.10 PANEL DISCUSSION: OVERCOMING THE BARRIERS TO CONNECTED ASSET MANAGEMENT IN MINING OPERATIONS

- Leveraging the capabilities of new systems and hardware
- Optimising fleet management, interoperability and electrification and safety
- Lessons learnt from automation journeys
- Analysing use cases of automation and AI in operations

Adam Radics, Operational Technology Manager, Talison Lithium
Andres Yep, Asset Manager- Technology & Engineering, Iluka Resources
Olga Sudnitsin, Global Practice Lead- Vehicle Interactions: Technology, Safety, Transformation, South32
Dan Jenkins, Principal, Asset Performance Management Upgrade Project, BHP

2:50 CASE STUDY: ASSESSING AND SCREENING ESG RISKS IN MINING OPERATIONS

3:20 AFTERNOON TEA & NETWORKING

3:40 KEYNOTE PRESENTATION: UNPACKING ROYBOT: ROY HILL'S INNOVATIVE AI TOOL BOOSTING EMPLOYEE PRODUCTIVITY AT SCALE

Chad Burrows, Manager Digital Innovation, Roy Hill

4.00: CLOSING REMARKS

4.10 NETWORKING DRINKS

5.10 EVENT END