

# NSW Mining Equipment, Technology and Services

## The CIM Convention and EXPO 2024



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# NSW: A global hub for mining equipment, technology and services

Home to the iconic Australian city of Sydney, New South Wales (NSW) is Australia's most populous state, with the largest economy in the nation. NSW is also a powerhouse in the Mining, Equipment, Technology and Services (METS) sector. This sector is a testament to NSW's innovative spirit and economic vigor, contributing significantly to Australia's GDP. NSW METS companies are recognized for their pioneering solutions that improve mining operations' efficiency, safety, and environmental impact. The sector's expertise aligns with growing industries like renewable energy and environmental sustainability, underscoring a dedication to eco-friendly practices and the integration of renewable energy solutions.

The mining industry is undergoing a significant transformation, driven by the need for more sustainable and environmentally friendly practices. NSW METS companies are at the cutting edge of this change, leading in the development and implementation of clean mining technologies. These innovations aim to reduce emissions, conserve water, minimize waste, and lessen the overall environmental footprint of mining operations.

NSW METS companies are not only focused on sustainability but are also pioneering digital mining technologies. They are integrating artificial intelligence (AI), machine learning, blockchain, cloud computing, the Internet of Things (IoT), robotics, drones, and augmented reality to enhance mining processes. This transition to a data-driven and automated industry is setting new standards for efficiency and safety.

## Invitation to collaborate

The NSW Pavilion at the CIM Convention and Expo 2024 presents a prime opportunity for mining and METS professionals to network with industry leaders, discover potential partnerships, and experience firsthand the innovative solutions offered by NSW METS companies.

This event is a call to action for those in the mining industry to join forces with NSW METS companies in driving forward the future of mining, characterized by technological innovation and a commitment to sustainability.

## Contact Investment NSW to find out more:

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## 3ME Technology Pty Ltd

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3ME Technology is an electrification company focusing on decarbonization of the mining industry.

We deliver clean energy tech to heavy industry, developing and deploying powerful, zero-emissions electric systems for the toughest off-road vehicles and equipment. Our custom-designed solutions are helping partners all over Australia, Canada and beyond to build safer workplaces, achieve their sustainability goals and lead the way in decarbonising heavy industry.

### What the company is looking for:

3ME Technology is looking to expand its product and service offering into Canada, working with miners and mining service providers as well as distributors, who require electrification solutions across integrations, testing, charging, consulting services and more.



# **BANLAW**

Fluid Asset Intelligence

## Banlaw Pty Ltd

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Banlaw is an Original Equipment Manufacturer and technology company, with over 40 years' experience in designing and managing quality fluid resources for mining, rail and transport industries.

With capability that spans infrastructure, technologies, and hardware products for fuels, lubricants, chemicals, and other high-value resources. Banlaw pride themselves on offering an innovative, safe and complete end to end fluid management solution for customers around the world.

### What the company is looking for:

- Customers – Mining companies and end users
- Channels – End users and fluid transfer distributors.



## R&R Murphy Pty Ltd

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RR Murphy was established some 20 years ago, in NSW, Australia. It was a family run business that prided itself of good old fashion values of service and integrity, coupled with cutting edge metal fabrication.

The Murphy difference is much about who we are as what we do, as your manufacturer we see ourselves as an extension and accelerator of your operation.

We pride ourselves on complete end to end ownership and collaborative solutions development for the contract manufacturing of precision metal assemblies.

### **What the company is looking for:**

Expand our customer base and support our main customer, Orica, in the region.



## DAS Mining Solutions Pty Ltd

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DAS Mining Solutions (DAS) is a mine services company providing consulting and equipment solutions into the global mining industry.

DAS provides services under two broad pillars:

- Consulting Services – Geotechnical, mine planning and optimisation studies.
- Equipment solutions – Tailings dewatering, ore sorting and material movement systems.

Our consulting services provide understanding and insight in the client's specific constraints and identify opportunities to develop value. Our equipment services aim is to deliver mechanical solutions in alignment with the best identified value for the site.

### What the company is looking for:

DAS is seeking engagement with mining companies that want to investigate tailings solution options. We would also like to discuss partnering or funding arrangements with other organisations.



## EarthScience Information Systems

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EarthScience Information Systems develops, maintains and re-sells the ESdat software.

ESdat is used by mining organisations to manage, report and analyze hydrogeological and environmental compliance datasets including Laboratory, Field and Logger Data.

ESdat is used by many Canadian and international mining organisations (e.g. Flint Energy, North American Tungsten, E3 Metals Corp, MMG) and environmental consulting firms (Dillon, Tetra Tech, Ausenco, WSP, AECOM).

### What the company is looking for:

We are looking to meet Mining Environmental Professionals who need to manage and report compliance data sourced from the field, laboratories or data loggers, and are looking for a software system to help them do this.





# GBGGROUP

## GBG Group

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GBG Group is a specialist earth sciences consultant providing a range of geophysical, geological, environmental, and engineering services.

GBG excels and leads the market with tailings dam investigations, enjoying completing small studies to mine scale size campaigns, and everything in between. GBG Group pushes the boundaries within geophysical services and specialise in Greenfields studies, pre-feasibility investigations, through to Brownfields expansion projects, and into lifetime tailings management campaigns.

GBG partners with industry leading companies and provides a complete subsurface investigation, through to asset monitoring, end to end package. GBG stands by its innovative thinking, market leading approach.

### What the company is looking for:

GBG is looking to service the tailings storage investigation sector completing studies and investigations. GBG is also looking to introduce emerging technologies for internet of things monitoring for the Tailings Storage Facility sector.



## Gulf Conveyor Systems Pty Ltd

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Founded in Australia in 2004 by a visionary engineer, Colin Benjamin, with over four decades of industry expertise, Gulf Conveyor Systems has expanded its footprint to Brazil and Canada.

Specializing in solving complex material handling challenges for leading mining firms globally, we excel in plant optimization, tackling productivity, downtime, dust, and maintenance issues. Our cost-effective solutions deliver outstanding results, empowering clients to streamline operations and maximize efficiency. With a commitment to innovation and excellence, we are the trusted partner for those seeking transformative solutions in the ever-evolving mining landscape.

### What the company is looking for:

Our target areas are operations, reliability, maintenance, and OHS&E of mining fixed plants. Logistics companies at ports would also be of our interest to look at their conveyors and ship loaders.



## Broons Impact Rollers

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Broons Impact Rollers provides an innovative solution that has shaped the way industries handle compaction.

Leveraging state-of-the-art technology and expertise, we transform challenging terrains into workable landscapes. Spanning over 40 years, our Square Impact rollers are renowned for their unique design and robust construction, offering unmatched efficiency in mine applications and beyond.

Rolling Dynamic Compaction (RDC) can improve foundation materials to a depth of three metres or more, improving job site efficiency by compacting existing materials without removal. Broons Impact Rollers can be used on virtually any project that requires in-situ ground improvement or rock rubblelisation.

### What the company is looking for:

Introduce and improve the knowledge of Impact Rolling or Rolling Dynamic Compaction (RDC) into the Canadian Mining Market, highlighting its various applications including haul road and tip head maintenance through densification and rock rubblelisation, deep lift layer compaction (used in tailings dam construction etc.) and in-situ ground improvement.

The ability of RDC to break down rock and achieve deep compaction of overburden and aggregate materials efficiently can significantly streamline construction processes, reducing project timelines and costs.



## Intuition SofTech Australia

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Intuition Softech Australia pioneers in premium software design and development services provider.

Since 2016, we've excelled in transforming clients' concepts into reliable software solutions, focusing on core competitive advantages. Our expertise extends to Advanced Mining Automation Solutions, offering real-time insights into mining operations, mineral processing, metal refining, material handling, and utilities optimization.

With our integrated approach, we optimize cost-per-tonne targets, minimize downtime, and enhance operational visibility. Trust Intuition Softech for unparalleled Mine-to-Market Integration, empowering decision-making with mining-specific applications and contextualized data insights.

### What the company is looking for:

Intuition Softech Australia seeks collaborations with mining companies and industry partners interested in implementing advanced software solutions for optimizing operations, enhancing decision-making, and achieving sustainable growth.



## MASPRO

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In the dynamic world of mining, where time and resources are precious, the quest for optimal drilling performance is paramount. We're here to help you turn that quest into a reality.

Our cutting-edge techniques and expert insights will revolutionise the way you approach drilling operations, ensuring that you're not just mining, but mining smarter and more efficiently.

Partner with MASPRO as we delve into the groundbreaking methods, innovative technologies, and industry best practices that can drive your mobile mining equipment optimization. We are here to provide you with next generation solutions to take your mining operations to the next level.

### What the company is looking for:

- Defining target market areas and potential new customers
- Growing our network and reach within the Canadian mining industry.



HARNESSING TECHNOLOGY TO KEEP MINERS SAFE

## Nautitech Mining Systems

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## Harnessing Technology to Keep Miners Safe

NAUTITECH® is an Australian Original Technology Manufacturer (OTM) and global provider of smart electronic and software solutions for OEMs and mine sites in underground mining.

We design and manufacture equipment that delivers Communications and Visibility, supports Automation, and provides a platform for Asset and Condition Monitoring of underground equipment. Our data analytics software can help detect safety risks and gain intelligence for improved mining operations.

We continuously invest a portion of our annual revenue to gain new industry insights and work closely with our mining partners to develop solutions that are highly effective at maximising operational capability and improving worker safety.

## What the company is looking for:

- Target market: Direct customers or technology partners in hardrock and softrock (generally coal and potash)
- Promoting: Spitfire® BPLM Broadband Powerline Modems for real-time data, video, voice transfer using pilot and power cores.



## Productivity Development Solutions

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Productivity Development Solutions (PDS), established in 2006, is a leading provider of integrated mining services.

Our mission is to offer world-class asset management and condition monitoring technology. PDS software, used by major mining operations across Australia and overseas, eliminates the need for complicated spreadsheets and inefficient manually prepared reports. PDS connects multiple work groups, captures valuable inspection data, and reports all relevant information in a simple, easy-to-read format.

### What the company is looking for:

At the CIM Expo, PDS Global is seeking to connect with mining and conveyor service companies and potential channel partners interested in optimising their operations with the PDS innovative Asset Management Software via cloud based managed SaaS software ([pdsglobal.com](http://pdsglobal.com))



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