GOVERNMENT OF WESTERN AUSTRALIA

Invest & Trade WESTERN AUSTRALIA

WESTERN AUSTRALIA
IT'S LIKE NO OTHER.

Western Australia: Home to a world leading mining industry

Company Directory

Silvergrass opening,
Pilbara Western Australia.

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Welcome

As the Commissioner of Invest & Trade Western Australia (WA), it is my great pleasure to introduce the WA Mining, Equipment, Technology & Services (METS) companies showcased in this company directory. Western Australia stands as a global leader in the mining sector, responsible for producing over 50% of the world's lithium, 30% of its iron ore, and substantial quantities of other critical minerals essential for the energy transition. Many of the world's largest mining companies, such as BHP, Rio Tinto, South32, and Fortescue Metals Group, have their centre of gravity in Perth, making it a hub of innovation and excellence in the METS sector.

Western Australian METS companies are renowned for their cutting-edge technology, innovative solutions, and commitment to sustainable practices. This company directory highlights the exceptional capabilities these companies bring to the global mining industry, from advanced automation and robotics to sustainable energy solutions.

We are proud to support these WA METS companies as they showcase their world-class expertise on the global stage. Our team at Invest & Trade Western Australia is here to facilitate connections, provide insights, and support your exploration of opportunities with these industry leaders.

I encourage you to reach out to us for more information, to discuss potential collaborations, or to learn more about Western Australia's thriving METS sector. We look forward to helping you discover the unique opportunities that Western Australia offers.

Warm regards,
Natasha Monks
Commissioner - Americas Hub
Invest & Trade Western Australia

Australian Automation and Robotics Precinct

Welcome to the Australian Automation and Robotics Precinct

Located just 35km from the Perth CBD in Western Australia, the Australian Automation and Robotics Precinct (AARP) is the premier research, development, testing, training and demonstration ground for the future of automation, robotics, remote operations and zero emissions technology in Australia.

The 51-hectare precinct has been purpose-built for testing, research and development, and training, in autonomous and robotic systems and equipment. With its unique range of test beds, the AARP provides companies and researchers with an unparalleled opportunity to accelerate industrial technology development by testing and scaling without interrupting normal production activities.

A world-class technology platform is being developed to underpin the site as a living lab and technology demonstrator.

It will provide a rich environment with extensive sensor networks, a range of connectivity, and a data layer that reflects the physical infrastructure which can be leveraged to feed into applications.

An on-site, state-of-the-art common user research and development facility is being developed. The facility includes office, training and meeting rooms, co-working and collaboration areas, and lab and warehouse space.

Proudly operated by CORE INNOVATION HUB

A dynamic, collaborative, accessible and global robotics and automation precinct with the largest test beds in Australia, and supported by a vibrant, cross-sector innovation ecosystem.

51 HECTARES
6 TEST BEDS
$28 MILLION
INITIAL INVESTMENT

MINING | ENERGY | DEFENCE | ARGRICULTURE | SPACE
CONSTRUCTION | LOGISTICS | ADVANCE MANUFACTURING

The Precinct represents a significant investment by the Government of Western Australia in innovation infrastructure.

Led by DevelopmentWA, Western Australia's central development authority, the facility has been established within a rapidly growing industrial park and will be driven by a dynamic industry and innovator ecosystem.

GOVERNMENT OF WESTERN AUSTRALIA

Pederick Road, Neerabup, Western Australia 6031
E aarp@corehub.com.au | theaarp.com.au

DevelopmentWA

Editorial: Trailblazers, tipping points and the 'Silicon Valley of mining

Can Australia's mining capital become a global tech hub?

Article by: Richard Roberts

The new A$30 million Australian Automation and Robotics Precinct north of Perth in Western Australia, a 51-hectrare site, is currently an expanse of sand, wire fences, some bitumen and dongas. A new HQ taking shape near the entrance is still a couple of months away from completion.

But a grand vision for the AARP to be a global centre of excellence for industry automation and robotics is already shared by about 30 companies who've started using it.

They're a mix of start-ups, SMEs and heavyweights that now include Fugro.

As well as its technology testing and training utility the AARP gives the Dutch survey leader "the ability to collaborate with smaller start-ups, which isn't always that easy to do", according to APAC director of remote operations, Paul Mullins.

The precinct's Dirt Lab, heavy haulage area and new energy zone present a microcosm of WA's massive Pilbara and Kalgoorlie mining districts, complete with prominent commercial banners such as Imdex, Hexagon, Mineral Resources, Epiroc, Fortescue and Autonomo.

The state is seen to be brimming with mine heavy haulage autonomy, remote energy and mine operations control centres, survey drones, solar and wind farms, and electric underground and surface test vehicles. Autonomous heavy road trains, a A$2 billion radio telescope and new data centres are on the horizon.

Fugro's Australian Space Automation, Artificial Intelligence and Robotics Control Complex, or SpAARC, in Perth's CBD, a collaboration with the Australian Space Agency and WA government, was lauded this week at an international mine geology conference in the city.

"Perth and WA are an incubator for this [remote control and automation] technology and it's amazing to think that we've got a mission control centre right here in Perth which is helping NASA go to the moon and go to Mars," Northern Star Resources chief geological officer Daniel Howe said at the event attended by more than 600 scientists, engineers and other industry people.

"It's absolutely incredible."

The geology event run by one of the world's major representative bodies for geoscience and mining professionals, the Australasian Institute of Mining and Metallurgy, put a spotlight on a host of technologies enabling digital capture of geoscience data and ways this is changing workflows and paradigms, including training of future geoscientists.

WA and its $250 billion-a-year resources sector is, not surprisingly, at the centre of some of these changes.

"We've got three of our next seven conferences here in Perth [which is] very much what we describe as the Silicon Valley of the mining industry," the CEO of the Melbourne-headquartered AusIMM, Stephen Durkin, said in his introduction.

"I hope you'll agree it makes sense for us to hold more conferences in Perth."

Durkin is not the first to invoke the Silicon Valley analogy.

Executives at Pilbara iron ore giants BHP and Rio Tinto have talked about WA's potential to become the "Silicon Valley of the global mining industry".

"I'm not the first person to make this comparison but there are some parallels between Silicon Valley and WA," BHP CEO Mike Henry said back in 2019.

"The experience of sharing of knowledge and technology is easier here than anywhere else in the world."

The view was echoed by Rio Tinto Iron ore boss Simon Trott last month when the company announced it was investing circa-A$14 million via UK-based start-up accelerator Founders Factory, which was setting up shop in Perth, into pre-seed and seed stage firms developing new mining technologies.

Silicon Valley, the mecca of US tech innovation and finance, has its tech roots in mid-20th century semiconductor and computing companies. The San Francisco hub, with its dense network of venture capitalists, entrepreneurs, engineers and researchers,

plus the supply of new creative minds from universities such as Stanford and Berkeley, has no real comparisons worldwide.

The "Silicon Valley of mining" ambition for WA can probably be traced back at least 20 years.

In terms of an innovation hub drawing (and retaining) top-level talent, entrepreneurs, researchers and finance, the state and its capital have made gains in some areas in two decades.

And stood still in others.

Billions of dollars have flowed into mines running robotic trucks, drills and other equipment.

Perth-based Imdex became Australia's first public billion-dollar "mining tech" company.

Another Perth mining-tech firm, privately-owned Micromine, was targeted by US-based AspenTech in a A$900 million deal that ultimately fell over due to the target's extensive Russia exposure.

A Silicon Valley mining and construction tech firm, SafeAI, in 2022 won its first major mining mobile autonomy contract with a WA-based contractor, MACA, which is now part of the world's largest contract mining group, Thiess. SafeAI has a large Perth presence. As does Utah-based rival, Autonomous Solutions Inc, whose key mining exposure is in the Pilbara.

NASA officials have become regular visitors to the state. Agency leaders addressed the first Indo-Pacific Space and Earth Conference in Perth in 2023.

A new consortium, Australian Remote Operations for Space and Earth, arose from a blueprint conceived by NASA astronaut Pamela Melroy and Woodside's head of intelligent and autonomous systems, Russell Potapinski.

Curtin University's critical minerals and resources technology focused Trailblazer program, part of a national series, has received tens of millions of dollars in industry and government funding and exponentially grown its intern headcount.

"We hear a lot about what is happening overseas with Google or Microsoft; how they are using artificial intelligence, and robotics, but what people don't understand is that some of our mining industry partners are using stuff even further advanced than that," says recent Curtin double degree (electrical engineering and computer science) graduate, Adil Khokhar, who is now project manager in the university's CISCO-backed industry research program.

"And they've been using it for a while.

"When you when start studying computer science or data science, your main goal is ... maybe I'll get a grad job at Google or over east.

"You don't think about the mining industry here in WA as a potential [avenue] to apply your knowledge.

"But that's really starting to change. It genuinely is."

WA mid-tier miner and services group Mineral Resources last year committed $2 million to the Curtin Trailblazer minerals research commercialisation program. Khokhar said the company was a leading adopter of automation and other technology.

"I think the rest of the industry will follow as well in how they collaborate with the university," he said.

"All of this just means a better background for the students who are currently studying and a further pathway for them to work in the mining industry.

"That's what we're all about ... is making sure that the skills that we're developing here are retained within our biggest industry sector."

Connecting mines and innovation money

"There is a lot going on in WA, there's no two ways about that," says Jeff Sterling, founder of Universal Field Robots, a Queensland-based scale-up with its flagship mining project in WA.

"They've been doing automation there for a long time now.

"They've got the robotics testing area. There are [college] training courses for the technicians needed to maintain large autonomous fleets.

"And I think obviously the state government gets it.

"Brisbane was really doing well and the state government was really supportive of a lot of development and they've really dropped the ball in the last year or so.

"WA has picked the ball up and is running with it now."

Dylan Webb, CEO of Datamine, one of the world's largest mining software companies, told InvestMETS.com: "There is no doubt that there is a lot of mining expertise and digital expertise in Perth. And there are some great ideas and companies that have come out of the region. But it's not the only one. We certainly see some really impressive groups in Latin America, in Africa and in Europe.

"I guess we're happy to talk to smart people wherever they are.

"But it is true that there is a critical mass in Perth that's noticeable, if you look around the world.

"The links between industry, academia [and] researchers ... are growing.

"All the ingredients are there.

"And so you add that to that critical mass of all those people in that same location and it is well positioned."

Kopernicus CEO Mike Kyriacou, who spent a decade in Silicon Valley before returning to Perth with his family in 2020, gave a keynote address at a 2023 Austmine innovation forum about the "mining landscape of 2035".

He talked about the potential for technological disruption in and of the historically unbending mining industry.

Kyriacou told InvestMETS.com Perth was "like the on-ramp to the resource industry".

He said WA's heavy-industry and space remote control technologies, software and expertise would attract and possibly sustain the interest of the world's biggest venture capital market "if there is a proven commercial outcome which can achieve massive scale".

"Well-funded technology ventures, including NASA and perhaps SpaceX, on the other hand, could come to learn and adopt or acquire the capability.

"It's really going to be a function not only of the practicality of the solution, but the ability for Australian resource giants to pilot new products and how quick and smooth that process can be.

"In the end, learning speed is critical.

"If there's a commercially rewarding and efficient on-ramp for resource tech products with folks who have tackled and solved large, real-world resource tech problems, then we become a world-class niche in an industry humanity can't do without.

"We don't realise the edge and comparative advantage we're sitting on here in WA."

A report put out by CSIRO and the Tech Council of Australia last September which claimed to map Australia's digital technology industry clusters for the first time, said renowned clusters such as Silicon Valley, Silicon Fen in Cambridge and Tech Central in Sydney had been shown by decades of economic geography research "to matter".

"Firms inside clusters tend to grow faster, innovate more, compete and build wealth globally at the national scale," the report said.

"Clusters aren't everything, but they're a critical component of effective industry growth and development strategy.

"Most of the world's leading technology industry clusters have arisen from an interplay of government, industry and community dynamics.

"In most cases public and private sector investments, policies and strategies have played an important role."

The CSIRO report suggested Perth and WA had a long way to go to catch and match eastern Australia tech hubs based on metrics such as digital workers and the market value of tech companies.

A fundamental gap has been the lack of venture capital available for and flowing into local tech-focused firms.

WA Chamber of Commerce and Industry chief economist Aaron Morey said last December the state was getting about 2% of venture capital funding available in Australia. The chamber was calling for a state government-backed $200 million VC fund to help WA become a "major innovation hub in the Indo-Pacific region".

"WA has world leading skills in automation technology and clean energy thanks to a decade-long mining boom, but we need private investment to incubate the next big ideas," Morey said.

A leading figure in the WA mining tech and tech advisory fields for 40 years, Ivan Gustavino, says: "We need to have more funds available to operate in this space specifically and they need to have a far better understanding of the risk-reward settings and types of returns they're going to get.

"Otherwise those funds will just chase other things.

"That needs to be cultivated, and it's not yet. It's sporadic, it's limited and it's unfocused.

"So a bit of work to do on the funds side, which is one of the key pillars to pull off such an aspiration."

Gustavino, the co-founder and managing director of Atrico, said any Silicon Valley of mining aspiration obviously required a vision of a future that promoted the collective advantage to be gained from shared ideas and wisdom. It required new layers of industry, SME and research collaboration and funding. Any vision needed to be built on a deep understanding of the core subject matter.

"Mining tech per se doesn't really get any particular focus or support from government or government-affiliated research and development agencies," he says.

"I think we're highly fragmented at the moment in terms of the vision and the level of collaboration that is needed.

"We're all street fighters here trying to fight for a market; mainly without a global perspective as well.

"Mining tech has probably only become an investment class in the last three to five years.

"The risk appetite is lower in WA, and Australia, than what it is in Silicon Valley for investing in tech generally, let alone mining tech.

"But even when you look at it with that type of lens, the market isn't that big and therefore there's not that many investments you can make in companies.

"Is there enough deal flow to effectively say that you can build the Silicon Valley of mining tech here?

"Maybe there's 50 opportunities here; maybe 300 in Australia that are world class. Is that enough?

"Silicon Valley has thousands of opportunities with inventive people and connections to keep that type of deal flow moving and innovation moving.

"I don't think we have that momentum here.

"The collaboration, the connection between industry, government, academia and the finance community, the education piece around risk understanding, and potential rewards, the investment momentum ... These are structural things that need to be in place to build competitive advantage as a mining innovation ecosystem.

"They're not in place now but can we start working and putting them in place?

"Yes, we can."

Company Directory

Connect with Western Australian Mining and METs businesses

Australian Automation and Robotics Precinct

The Australian Automation and Robotics Precinct

The Australian Automation and Robotics Precinct (AARP) is a world-leading collaborative innovation hub and Australia's largest test and development site supporting the advancement of automation, robotics, remote operations and zero emissions technologies globally.

Strategically located just 35km north of Perth, Western Australia and just 30mins drive from the CBD, the AARP provides a unique and accessible testing environment, developed and managed by DevelopmentWA – the State Government of Western Australia's land development agency, and operated by CORE Innovation Hub.

The AARP is one of the biggest test facilities of its kind in the world. Driving multi-sector innovation and led by industry use, the AARP is a launchpad for developing robotics and automation capability in Australia and across the world. The 51 hectare site includes seven large test beds including a Dirt Lab, New Energy Zone, Heavy Haul Zone, an Urban Testing Facility and Flex Zone ideal for drone and rover-robots. Testing facilities are available for short or long-term lease, collaborative projects, as well as multiple leasehold lots, and with the new state of the art headquarters, the AARP is your multipurpose testing and development of robotics and automation technology.

Contact

Tamryn Barker / National Lead
tamryn@corehub.com.au

Advanced Braking Technology

Advanced Braking Technology Ltd (ABT), a leading brake specialist listed on the ASX, is globally renowned for our innovative manufacturing and distribution of the award-winning Sealed Integrated Braking System. Headquartered in Perth, we are recognised for our cutting-edge contributions to braking technology. At ABT, we take pride in being the foremost provider of fail-to-safe brakes for commercial vehicles, particularly in the Australian and global mining sectors. Our braking systems are celebrated for their exceptional safety, enhanced productivity, zero emissions, and durability in the most demanding environments worldwide.

Contact

John Fermia / Business Development Manager Oceania
john.fermia@advancedbraking.com

info.perth@advancedbraking.com
www.advancedbraking.com

AROSE

Australian Remote Operations for Space and Earth

Australian Remote Operations for Space & Earth

AROSE (Australian Remote Operations for Space and Earth) is an industry-led, not-for-profit organization focused on advancing Australia's remote operations capabilities for both space and Earth applications. Leveraging Australia's expertise in mining, resources, and remote operations, AROSE supports the diversification of the Australian Mining, Equipment, Technology, and Services (METS) sector into aerospace.

AROSE brings together industry leaders, research institutions, and government bodies to foster collaboration and innovation in autonomous systems, robotics, and other advanced technologies.

By promoting the cross-sector application of remote operations, AROSE creates opportunities for the aerospace industry to leverage METS capabilities, particularly in areas like automation, remote asset management, and advanced communications. This synergy enables Australian METS companies to access new markets, while providing aerospace companies with proven technologies developed in Australia's challenging resource sector.

Opportunities for collaboration between the resources sector and aerospace include remote operations technologies for lunar and planetary exploration, as demonstrated through the Fugro SpAARC; a world-class facility in Western Australia that trains, tests and controls remote and autonomous operations in space and other harsh environments.

Additionally, the integration of aerospace technologies into the METS sector has the potential to enhance operational efficiencies and sustainability in resource extraction. AROSE's initiatives help bridge these sectors, driving innovation and economic growth for Australia.

Contact

Michelle Keegan / Director Resources & Space
michelle.keegan@arose.org.au

www.arose.org.au

Chironix

Chironix is a robotics software engineering company that develops robot solutions that meet the needs of businesses and people. We specialise in products which automate inspections of critical infrastructure, like conveyor systems on mine sites, focusing on asset health and predictive maintenance.

Our automated conveyor belt inspection solution, Conveyor AssistTM, is gaining global momentum, and we're expanding our partnerships to include North America with expressions of interest.

Contact

Daniel Milford / Founding CEO
daniel.milford@chironix.com

sales@chironix.com
www.chironix.com

Coreplan

Introducing CorePlan, the world's first digital operations platform built for mining exploration. Whether you're a drill contractor or a mining company, gone are the days of clunky custom built software and spreadsheets. CorePlan is designed from the ground up to make it easy and simple for people to run their drilling programs. With Enterprise Grade Security, comprehensive permissions model and leading API capabilities, you are in control to enable team work, data driven projects and working better together in mining in the modern era.

Contact

Mr Alex Goulios / CEO
gday@coreplan.io
(08) 6365 4488

www.coreplan.io

Dredge Robotics

Designed and built in house for extreme operating conditions, our proprietary robotic dredging technology is a genuine game-changer for the mining sector.

Eliminating the need for human entry, these machines allow maintenance tasks to be performed outside of shutdown windows, delivering significant savings, and reducing asset downtime.

Dredge Robotics capabilities include:

- Safe removal of mud, weeds, & aquatic plants from lined ponds.
- Operation in corrosive & extreme pH environments (pH 1 to pH 14).
- Removal of deep compacted mud from process tanks, storage tanks and cooling towers.
- Triple ISO accreditation, Worksafe platinum and unmatched operational experience.

Contact

Anthony Old / CEO
Antony.old@dredgerobotics.com.au

Mike Tiller / Commercial Manager (East Coast)
mike.tiller@dredgerobotics.com.au

info@dredgerobotics.com
www.dredgerobotics.com

EACON
Mining Technology

EACON Mining Technology

EACON is a leading provider of autonomous haulage solutions, combining advanced autonomous driving technology with strong on-site operational capabilities. EACON's field-proven solutions are implemented in large-scale open-pit mines, enabling 24/7 autonomous operations without safety drivers. With great expansion of the autonomous mining truck fleet in operation, EACON is continuing to drive autonomy in mining and contributing to a safer and cleaner future.

Contact

Xiyu Du / Marketing Manager
troydu@eacon.com

www.eacon.com/en

EQUIPMENT PLACEMENT

Sales and Services

Equipment Placement

At Equipment Placement, we are passionately committed to enhancing the efficiency and success of your operations in mining and earth-moving through superior equipment support solutions, safety advancements, and innovative service solutions. Our focus is on optimizing performance, ensuring operational efficiency, safety enhancements, innovative equipment solutions and promoting sustainability across all aspects of mobile and fixed plant operations.

Contact

Michael Murphy / Global Sales and Product Support
mmurphy@equipmentplacement.com.au

mmurphy@equipmentplacement.com.au
www.equipmentplacement.com.au

geographe

Geographe engineers and manufacturers Enhanced Performance Wear Parts, Specialised Tooling and Replacement parts to suit heavy mobile equipment and fixed plant applications used by Tier1 Miners.

Contact

Simon Vellianitis / Regional Vice President Australia Pacific
SVellianitis@immersivetechnologies.com

sales@geographe.com.au
www.geographe.com.au

HERMES AND SOTERIA

CRITICAL INFRASTRUCTURE MONITORING

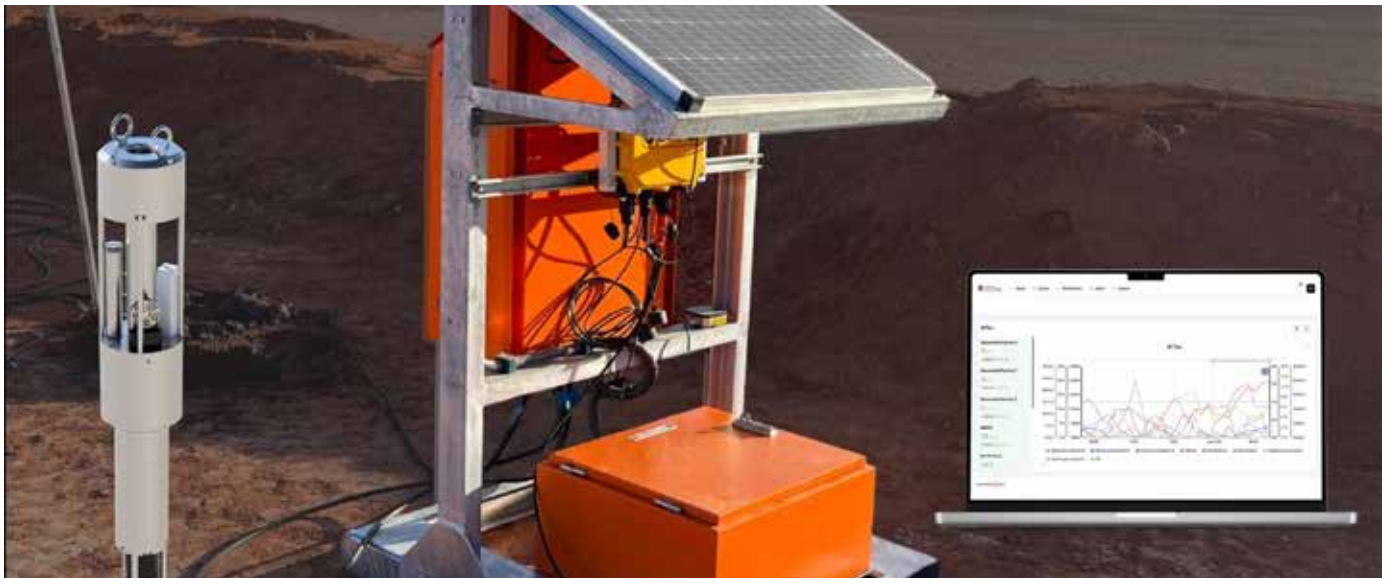
Hermes and Soteria

Overwatch, by Hermes and Soteria, is a direct and proactive end-end monitoring solution for tailings storage facilities (TSF) utilising subsurface probes, surface network infrastructure, and an internet of things online platform. Overwatch facilitates adherence to the recently introduced Global Industry Standards for Tailings Management (GISTM) and supports site personnel with actionable insights into the actual asset health through detailed subsurface monitoring of 9+ key measures in each selected location. Replacing reactive and indirect measures, Overwatch combines environmental, geotechnical, and geophysical monitoring into one subsurface probe to navigate false positives and proactively monitor TSF health.

Contact

Aaron Tomkins ⁄ Principal Geoscientist & Co-Founder
aaron.tomkins@hermesandsoteria.com

enquiries@hermesandsoteria.com
www.hermesandsoteria.com



Hydratune

Hydratune revolutionizes hydraulic maintenance with its SafeAdjust system. By enabling remote adjustments, SafeAdjust significantly enhances safety and efficiency, reducing the need for technicians to work within hazardous live equipment zones. Our innovative solutions not only minimize risk but also boost productivity and operational reliability. Hydratune is dedicated to driving industry-wide improvements in safety and maintenance practices. Discover how Hydratune can transform your hydraulic maintenance operations, ensuring a safer and more efficient work environment.

Contact

Shane Lewis / CEO
Shane.lewis@hydratune.com

info@hydratune.com
www.hydratune.com

IMDEX

Mining is essential for society. We create technology that efficiently and sustainably unlocks the Earth's value; enabling you to safely find, define, and mine orebodies with precision and at speed. From exploration through to production, the more reliable your data, the better your output. Our technology improves the process of identifying and extracting mineral resources so you can achieve increased accuracy, enhanced speed, and productivity gains. There are more pressures than ever to efficiently, and sustainably unlock resources. With our industry-leading tools, technology and software, and the guidance provided by our leading technical specialists, you can achieve safer, smarter decisions.

Contact

Larissa Gounden / Senior Global Accounts Manager – Global Key Account Management
larissa.gounden@imdexlimited.com

www.imdexlimited.com

Immersive Technologies

Immersive Technologies is the world's largest, proven, and tested supplier of surface and underground Advanced Equipment Simulators to the global mining industry. The company has achieved this unique position by focusing on its mission to increase customer profitability by optimizing the safety and productivity of their operators. Immersive Technologies' Advanced Equipment Simulators are helping hundreds of mining companies around the world to increase their equipment operators' safety and site profitability through effective simulation training. With advanced simulator modules deployed in 51 countries, Immersive Technologies is dedicated to providing outstanding service. To deliver on this commitment the company has customer sales and support offices located close to its customers in Perth and Brisbane Australia, Salt Lake City and Tucson USA, Fort McMurray, Immersive Technologies has the global mining experience, innovative technology, product range, industry endorsement, proven support commitment and industry vision to partner with you to ensure your simulator training solution delivers the significant results you expect.

Contact

Simon Vellianitis / Regional Vice President Australia Pacific
svellianitis@immersivetechnologies.com

enquiries@immersivetechnologies.com
www.immersivetechnologies.com

JEVONS
ROBOTICS

Jevons Robotics

Designs and produces battery electric and autonomous robots to eliminate the hazards associated with people working in dangerous environments.

Key focus areas are automation of blasting quality assurance, ANFO and stemming loading automation, cable management associated with shovels or drills.

Contact

Todd Peate / Founder and CEO
todd.peate@jevonsrobotics.com

www.jevonsrobotics.com

Metzke

Metzke Company specialises in innovative industrial solutions in reverse circulation drilling, offering a range of high-quality products and services tailored to meet diverse client needs. With a strong focus on precision engineering and cutting-edge technology, Metzke excels in delivering custom solutions across various sectors, including Drilling equipment and Sampling Systems. Their commitment to excellence is reflected in their state-of-the-art facilities and a highly skilled team dedicated to ensuring optimal performance and reliability. Through a combination of expertise and advanced technology, Metzke Company stands out as a leader in the industry, driving progress and efficiency in every project they undertake.

Contact

Maurice Herrmann / Sales & Marketing Manager
maurice.h@metzke.com.au

www.metzke.com.au

Minearc Systems

MineARC Systems is the global leader in controlled environments and safety technologies for underground mining, tunnelling, chemical processing, disaster relief, and biotechnology. We specialise in emergency refuge chambers, safe havens, disaster shelters, and grow chambers, alongside advanced remote monitoring, and communication technologies. With 25 years of experience, our commitment to R&D keeps us at the forefront of safety innovation. MineARC Refuge Chambers have saved lives in emergencies worldwide. With offices in Australia, South Africa, Chile, China, Europe, and the USA, and a robust global distribution network, we offer 24/7 support and have helped shape compliance to the highest international standards.

Contact

Brent Pearce / Chief Innovation Officer
brent.pearce@minearc.com.au

marketing@minearc.com.au
www.minearc.com.au

Motium

Motium is an Australian-based industry leader in designing and manufacturing rugged computers and associated technologies for use in harsh environments and tough industries worldwide. Our TUFF family of customisable products includes our panel PCs, LCD monitors, industrial PCs, industrial internet of things (IIoT) and cables. Each aspect of the design guarantees our products will operate reliably in conditions of extreme heat or cold; in glaring sunlight or in the dark of night; with high-pressure water spray and exposure to dirt and dust (IP65); during constant vibration and shocks; and when subject to electrical transients.

Contact

Andre Gadellaa / VP Business Development & Sales
andre@motium.com

sales@motium.com
www.motium.com

PumpEng

PumpEng is on a mission to redefine underground mine dewatering, prioritising excellence at every turn. Our commitment to innovation, reliability, availability, and personalised support throughout the product lifecycle ensures every mine operator a good day at work. PumpEng is an Australian-based global Original Equipment Manufacturer (OEM) with a rich history of supplying submersible pumps to the mining sector.

Contact

Matt Oliver / CDO
matt@pumpeng.com.au

sales@pumpeng.com.au
www.pumpeng.com.au

RiskTalk

Gone are the days of cumbersome safety reports and delayed communication. With RiskTalk, safety conversations happen in the moment. Workers simply speak into their devices, effortlessly capturing critical safety discussions as they occur. Meanwhile, managers gain instant oversight, enabling remote sign-off and real-time reporting.

RiskTalk isn't just another app; it's a revolution in workplace safety. Leveraging cutting-edge voice technology, advanced analytics, and artificial intelligence, RiskTalk brings safety into the new age. Our platform doesn't just tick boxes; it fosters a culture of open dialogue and critical thinking, driving tangible improvements in workplace safety outcomes.

Contact

Lucas Calleja / Director of Sales
lucas.calleja@risktalk.com.au

info@risktalk.com.au
www.risktalk.com.au

Safe-T-Products

Safe-T-Products, based in Perth, Australia, is a global leader in emergency stop and protective stop control devices for industries using conveyor systems. We serve mining, mineral processing, food production, and manufacturing sectors worldwide. From family business roots, we've grown into an international safety innovator. Our rigorously designed and tested devices ensure reliable performance in demanding environments. We're committed to meeting the highest global safety standards, including pursuing Safety Integrity Level (SIL) certification through comprehensive testing and independent verification. At Safe-T-Products, we're dedicated to shaping the future of industrial safety across diverse sectors.

Contact

Marcus Coyle / Managing Director
admin@safe-t-products.com.au

www.safe-t-products.com.au

Switch Technologies

Switch Technologies is a Cleantech company with a knack for creating product-focused solutions. We specialise in mobility and battery systems for heavy road, rail, motorsport, mining, and marine. We develop products that can scale both technically and economically, compounding their positive impact on our community and environment. And we have fun doing it.

Contact

Jan Haak / CEO
jan@switchtechnologies.net

hello@switchtechnologies.net
www.switchtechnologies.net

Unearthed

Unearthed is the leading open innovation partner and platform for the resources sector. Unearthed is where the resource industry discovers and engages with technologies, products, and capabilities that can unlock their hard-to-solve challenges. Celebrating a decade of innovation, Unearthed supports the mining industry with open innovation and data challenges, fostering a global ecosystem of innovators that accelerates technology change in the resources sector.

Contact

Holly Bridgwater / Director
Holly@unearthed.solutions

www.unearthed.solutions

Contact
Level 11, 1 William Street
Perth, Western Australia, 6000
Ph: + 61 8 6277 3000
Email: americas@westernaustralia.com
Web: www.investandtrade.wa.gov.au