

Solutions to
your toughest
challenges are
out there

Let's find them together



mining3.com



Join the
leading mining
innovation
group,
powering up
the industry

Leading you towards innovation

Mining today is increasingly about the successful integration of new technology and ideas into an industry almost as old as humanity.

At Mining3, innovation begins with industry-identified problems and opportunities, and results in a commercialised product or technology—solutions that change the course of a mine's productivity, safety and ultimately, longevity.





Working together

Mining3 comprises members from mining companies, mining equipment, technology and service providers (METS), and researchers.

Together, we focus on the key challenges and major opportunities. Driving research priorities and activities.



Our approach

Our approach minimises failure, maximises R&D budgets, mitigates the inherent risks of innovation, and provides a wealth of information for better decision making.

Through Mining3, you have access to a portfolio of innovation, a seat at the table

with mining industry professionals, and a tried and tested methodology for developing and implementing new technologies.



Accelerating change

Solutions are our objective; not solely research projects.

Mining3 has the experience to assess and implement immediate solutions—validated in the field and accelerated for incorporation within commercial products and services.

With industry engagement throughout the research and development process, we speed up the adoption of new innovative technology.

A few industry transforming solutions

- **SmartCap** – the leading defence against operator fatigue
- **DynaCut™** – the lowest energy, highest productivity hard rock cutting machine
- **MineWare** – the leader in dragline and shovel monitoring technologies



Wealth of experience

Being part of Mining3 means you have access to a wealth of experience and global capability. We bring together industry thought leaders, academics, researchers, engineers, software developers, and business specialists, with an intimate knowledge of the mining industry.



It's also about you

We realise you might have specific mandates that require focus outside the Mining3 group. We can work with you on individual projects, create your personal innovation roadmap, optimise your excavation and haulage, or evaluate your technology and innovation opportunities.



What we're good at

- Automation
- Rock mass sensing
- Data analytics
- Drilling
- Blasting
- Mechanical rock cutting
- Excavation
- Load and haulage
- Mine planning and scheduling
- Energy usage
- Asset performance

We've been doing it for over 25 years

For more than two decades, we have developed a reputation for delivering breakthrough technologies and innovation that maximise mining productivity and enhance resource utilisation, safety, and sustainability.

Mining3, formally CRCMining, was established in 1991 within the Australian Government's Cooperative Research Centre initiative. Generally regarded as the most successful entity to emerge from the program, CRCMining is currently a fully industry-funded organisation.

In 2016, CRCMining and CSIRO Mineral Resources division joined forces to become Mining3. The Commonwealth Scientific and Industrial Research Organisation (CSIRO) is the Australian federal government agency for scientific research.

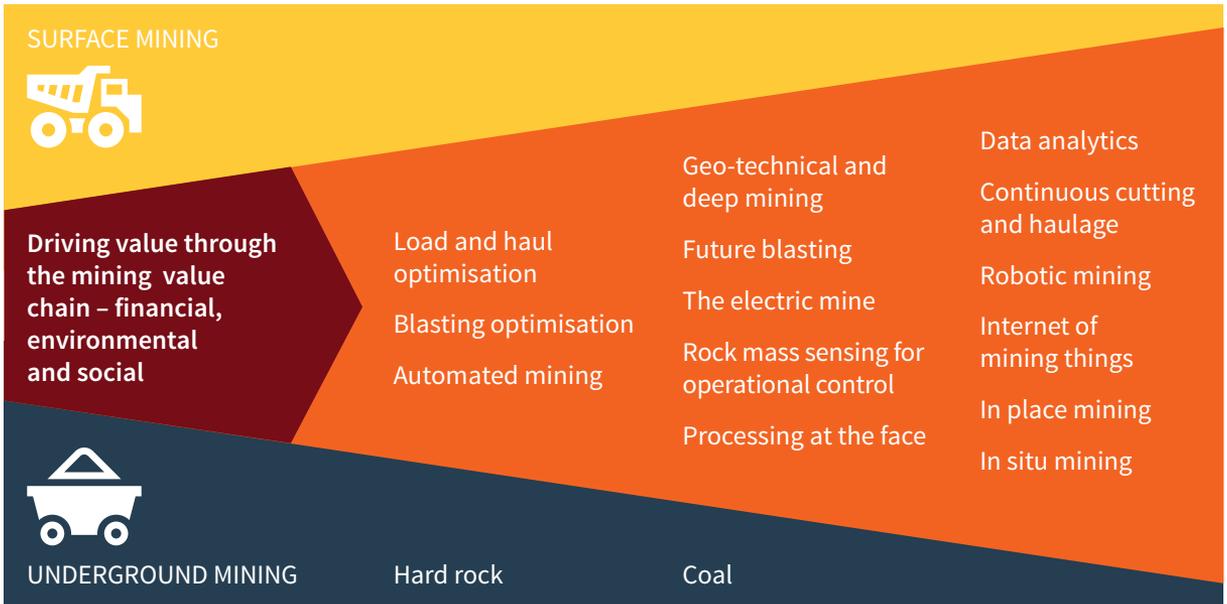
CSIRO's mining extraction-related research activities, including automation, data standards, machine control, and spatial location technologies, are incorporated within Mining3's capability.

- **Cave Tracker** – the only method of monitoring material flow in real-time in block caves
- **SLAP** – the world's first automated mining shovel
- **GroundProbe** – the leading slope stability monitoring solution

“
We are in it together to drive towards an innovative future.”

AngloGold Ashanti, Graham Ehm

Mining3's future vision



Our members



Our project partners



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