

Why RIGID?

We bring a mixed-domain expertise. Our team are experts in mining, continuous improvement and digital technologies; and most importantly know how to combine them effectively toward business goals.

Our solutions enable Precision Mining generating significant sustained value. Our solutions are scalable, cost effective and interoperable with unified hardware.

With installations in North America, Central America, South America, and Australia, our products and expertise are field -proven.



"Our RIGIDcare is a world class support program strengthened by an enterprise remote management system that allows remote monitoring, management and COVID-friendly support for our clients."

What we do

At RIGID ROBOTICS, we are connecting mining equipment and frontline workers to real-time precision data and insights to make better decisions.

Our Precision Mining platform and applications enable mining companies in their digital transformation journey through faster and more scalable implementation across operations.

We team up with mining operations to solve their business problems and to support them through ideation to value realization and through sustainment of value.



RIGID
ROBOTICS

PRECISION MINING SOLUTIONS

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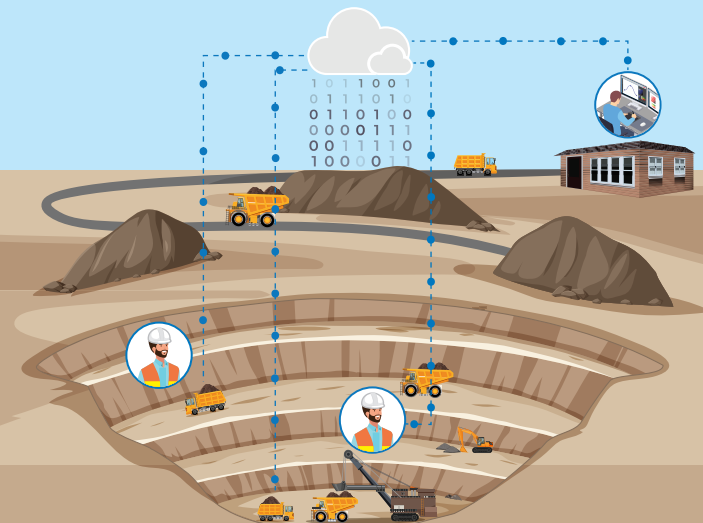
[rigidrobotics.com](https://www.rigidrobotics.com)

CORE TECHNOLOGY

RIGIDprecision™ is a scalable Industrial IOT platform that hosts multiple Precision Mining Applications. Apps can be:

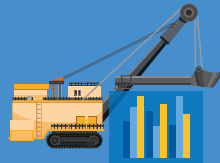
- **Real-time Apps** with open-API and real-time output for integration into 3rd party systems, or
- **Cloud Apps** where machine learning and advanced analytics are turning data into actionable recommendations.

RIGIDprecision implements precision sensing and shared communication at the mining equipment level and is designed to be scalable, integration-friendly, and cost effective.



OUR SOLUTIONS

Examples of applications demonstrating how RIGIDprecision enabled mining operations to achieve better operational results:



Bucket Telemetry & Precision Digging
Enable shovel operators to improve loading efficiency and real-time plan compliance



Digging Condition Index
Help drill and blast engineers design optimal blast patterns to reduce cost and improve shovel productivity



Operator Performance Index
Help supervisors and mine training programs share best practices and change operator behaviour



Machine Damage Index
Help mine maintenance reduce cost and improve equipment availability

OUR APPROACH



PARTNER

We partner with mines to evaluate the value delivery business case for "precision mining" and if feasible, define a pilot project.



PILOT

We provide project management support for the duration of planning, pilot and evaluation phases to create a real and relevant case for incorporating precision data and decision making into operational process.



DEPLOY

We are able to offer, implement and support selected precision mining solutions as a collection of APPs for end-to-end value optimization and safe production improvements.



MEASURE

We measure ourselves on making a positive impact to operations
PRODUCTIVITY, SAFETY, and SUSTAINABILITY