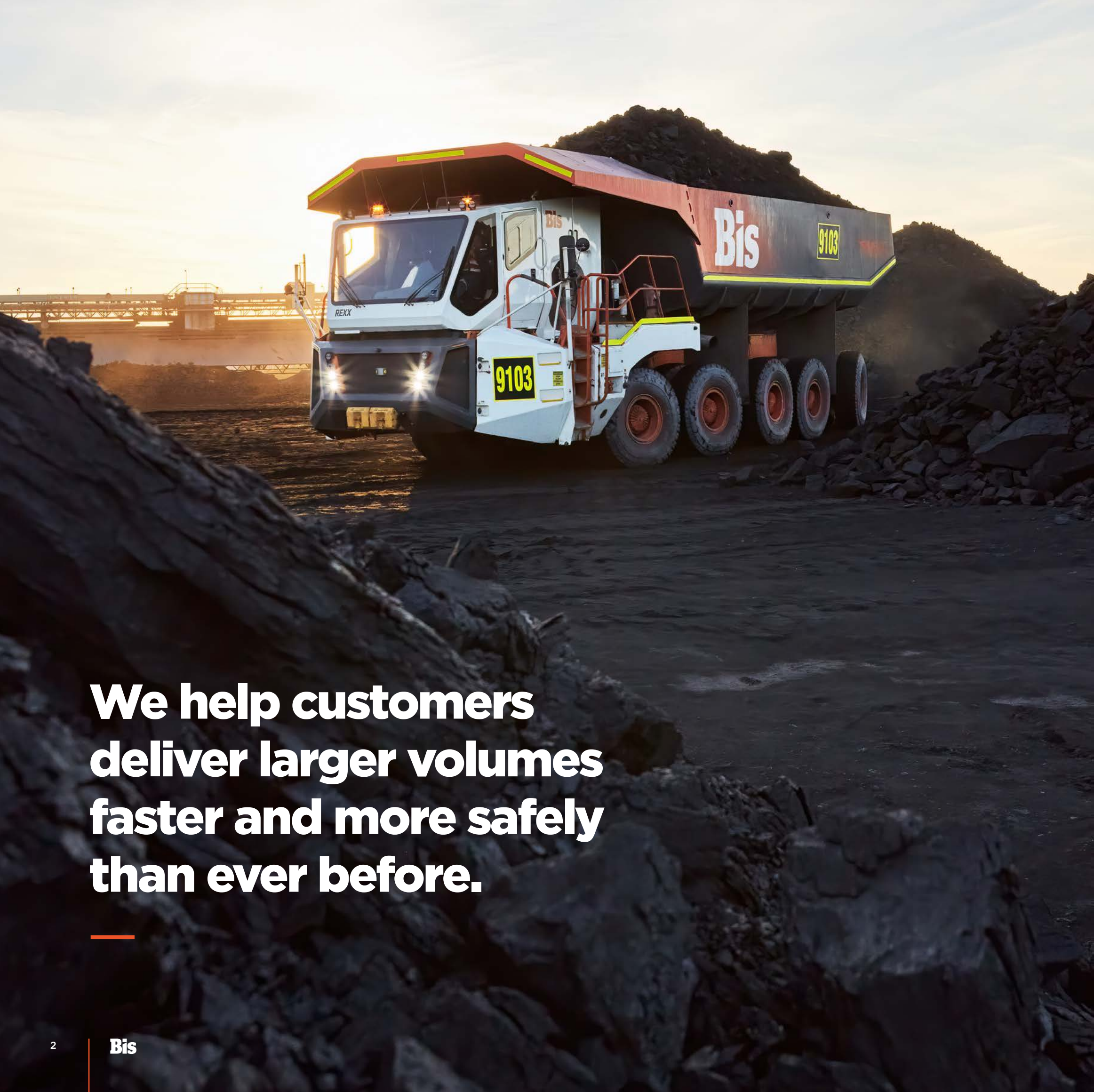


# Bis



**Your resources  
logistics partner**





**We help customers  
deliver larger volumes  
faster and more safely  
than ever before.**

We haul, transport, process and handle millions of tonnes of raw materials and commodities every year for customers across Indonesia and Australia.

Getting your commodities to market is just the beginning though. We understand you need an innovative, efficient and reliable partner to safe guard your core business, optimise your operations and unlock your ability to deliver.

#### **We deliver**



**Haulage**



**Site services**



**Automation**



**Specialised equipment hire**



**Maintenance solutions**





## REXX

Mine haulage is reimagined with REXX's increased efficiency and productivity. The 160 tonne, 20-wheel dump truck delivers lower mine development costs, superior fuel efficiency, increased range and better safety outcomes.

At 4.8m wide and an ability to handle gradients up to 12%, REXX can operate on narrower haul roads and greater inclines. It can travel up to four times further than a conventional dump truck and saves between 20% and 30% fuel in the process.

REXX also comes equipped with our own world-class intelligent in-cabin analytics system, Trifecta and can be fitted with our propriety automation hardware, Auto-mate.

## auto-mate

Bis' joint venture with global partner Israel Aerospace Industries (IAI) combines the operational talent of Bis with IAI's autonomous technologies.

Auto-mate's advanced technology solutions can automate any asset in the mining environment, to any level of automation, regardless of the fleet's make, model or age.

Interoperable, scalable and asset-agnostic, Auto-mate's technology unlocks the benefits of automation for both big and small miners, while seamlessly integrating into any mine site and existing fleet management system.

Auto-mate works with you to deliver the right automation solution to suit your site specific requirements and plans, Auto-mate providing mining automation on your terms.



## TRIFECTA

Trifecta is an in-cabin AI analytics system, developed by EDGE3 Technologies and Bis.

The system uses real-time collecting, monitoring and reporting of driver behaviours, such as fatigue, drowsiness, mobile phone use, smartwatch use, smoking, and seatbelt and other violations.

Trifecta's AI profiling technology then 'learns' over time to pre-empt high risk fatigue or distraction behaviours in real time via message alerts to the operator and their supervisor.

It utilises a points-based rewards system to identify and reward positive driver behaviours, providing opportunity for important safety culture awareness and team building.



# LET'S BE INNOVATIVE TOGETHER

**We are trusted for our problem solving skills and our ability to create tailored solutions throughout our customer's supply chain, to make their operations more productive, more efficient and safe.**

Our customer-led innovation pipeline allows us to design, build and commercialise proprietary products in-house. We have delivered market leading solutions to the resources sector and have received wide spread recognition, thorough a range of industry awards.

From large-scale innovations that have radically transformed what was previously considered impossible in resource logistics, to smart new technologies and equipment, our team combines deep operational expertise with technology, engineering and equipment to turn innovations into valued added solutions on site.

**How can we help you innovate your operations?**





# Off-road and out-of-pit haulage

**Discover new bulk haulage possibilities with our innovative and tailored haulage solutions.**

Every day we devise and execute data-based haulage solutions to help customers create greater value throughout their minesite's critical supply chains and core operations.

**Our haulage solutions suit all commodity types.**

## High payload and tailored proprietary solutions

Our out-of-pit and off-road solutions are flexible and distinctly fit for purpose. Our goal is to reduce the time and cost of hauling your commodity from your mine to your processing plant, train or ship loading terminal.

A range of payloads up to 500 tonnes mean fewer haul cycles and combined with limitless range, distance is no longer a factor.

Bis' deployment and mobilisation strategies mean production can commence faster than what can be achieved with fixed infrastructure.



## Fleet options include:

- **Rexx, our 160 tonne, 20-wheel dump truck**
- **Single prime movers**
- **Double trailers**
- **Dual Powered Road Trains (DPRT)**

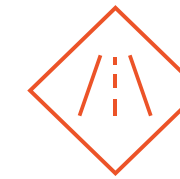
DOUBLE TRAILER  
COMBINATION







**Our technical proficiency, experienced operators, innovative approach, and large fleet of specialised equipment enable Bis to deliver customer solutions that are more efficient, productive and safer.**

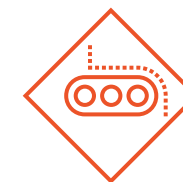


## On-road haulage



**Moving your resources on-road no longer means sacrificing volume or productivity. We design and tailor fleet solutions specifically for your commodity and operational requirements.**

- Maximise payloads within existing regulations
- Optimise productivity with few vehicle movements on public roads
- Safe and reliable haulage strategies

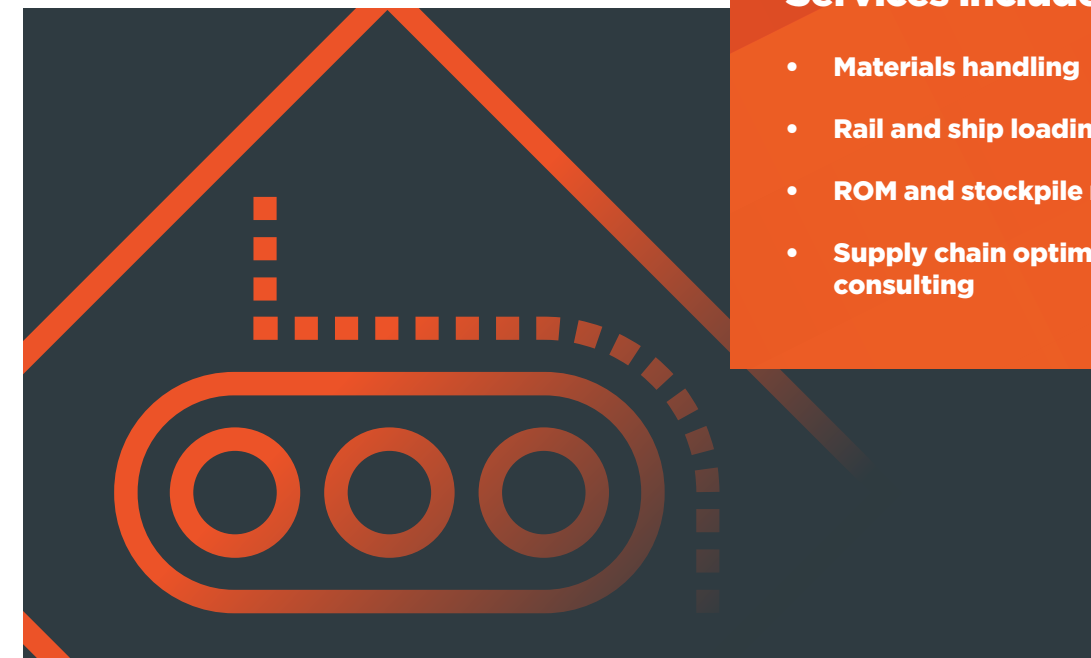


## Site Services

**We offer a diverse and expanding range of integrated site services, which maximise productivity and safety, and generate efficiencies across the entire supply chain.**

### Services include:

- Materials handling
- Rail and ship loading
- ROM and stockpile management
- Supply chain optimisation and consulting





# We know resource logistics

Through our 100+ year history, we have grown and diversified as a leading resource logistics provider alongside our customers.

Several of our customers have been partnering with us for more than 20 years; others, for much longer. These long term partnerships are the foundation of our success and provide us the confidence to lead by example, try new things and remain inventive.

## ZEROHARM

We believe in creating enduring value that leaves a positive legacy for all stakeholders. We invest time in challenging the status quo of our own safety, productivity and sustainability standards throughout all areas of our business, because we know value is only that, when it is done responsibly.



### What we value most

Underpinning everything we do, our values define what is important to us and guide our actions. They enable our people to deliver amazing things together for our customers and conduct our business in an authentic and genuine manner.



#### Zero Harm

We always strive for zero harm

We take responsibility for the things we do

We look out for each other



#### Unity

We're working together as a team

We listen to, and respect each other

We help each other out



#### Passion

We're proud of what we do

We look for constant improvement

We care about the gear



#### Excellence

We rise to every challenge

We create solutions

We build partnerships for the long haul



#### Relationships

We always deliver on our promises

We understand our customers' needs

We value and trust each other

### We are proud to be part of our communities

We work in some of the most remote locations and Bis values developing meaningful relationships with our local communities.

We do this by engaging with the community; understanding important issues and collaborating to recognise shared opportunities. This includes employing as many local people as possible and ensuring our operations have no adverse impact upon the environment.

We talk openly with the community in order to develop new ideas, processes and equipment in order to minimize the number of vehicle movements through populated areas, without compromising payload. It's all part of our people delivering inventive solutions every day.

### Female Operator Trainee Program

The Bis Female Operator Trainee Program offers a detailed theoretical and practical course over a six month period where participants learn how to operate various piece of equipment and acquire core operational skills, giving them a step up into Indonesia's mining industry. At the end of the program, Bis works with the graduates to provide permanent opportunities and career paths, some of whom continue working for Bis, eventually driving our double-combination, single-powered road trains.

The program's aim is to inspire more women, particularly from local communities, to enter the resources industry. It is proving a sustainable and practical initiative to create employment and training opportunities for women.





**Partner with Bis to safe guard  
your core business, optimise  
your operations and unlock  
your ability to deliver.**





## About Bis

Bis is a leading resources logistics company, providing innovative logistics, materials handling and specialised equipment solutions to the global mineral resources sector.

Since 1915, Bis has built a reputation as a leader in efficiently moving large volumes of raw materials and commodities through the full mining value chain, by applying patented solutions, advanced technology and deep industry experience.

Today, we haul, transport, process and handle millions of tonnes of raw materials and commodities for our customers every year.

We have grown our business alongside yours, focusing on proprietary technology solutions designed to make your operations more productive, more efficient and reassuringly safe. Innovation and problem-solving are in our DNA.

We aspire to serve our customers globally and to innovate every day – lifting safety, productivity and sustainability.

That's how we help our customers to **Deliver Every Day.**

# Bis

### Contact Us

District 8, Treasury Tower  
Level 12 Jl. Jend. Sudirman Kav. 52-54  
Jakarta 12190  
**P** +62 21 5795 2310  
**E** [enquiries@bisindustries.com](mailto:enquiries@bisindustries.com)

**[bisindustries.com](https://bisindustries.com)**