Russell Mineral Equipment (RME) is built on proven performance. We observe operation and maintenance practices, join dots and invent solutions that improve mineral concentrator performance.

Through our range of Mill Relining System Technologies and Mill Relining Service, RME delivers:

- High Production Rates
- Short Shutdowns
- Safe Working Environments

fast, reliable, safe
Russell Mineral Equipment (RME) has been delivering the RME Mill Relining System – the world’s best grinding mill relining technologies – for over thirty years.

RME now offers this same superior standard in mill relining crews, through RME MILL RELINING.

I joined the mining industry in 1980 as a mechanical engineer for Mount Isa Mines Limited, ISA OPERATIONS (MIM), in Mount Isa, North West Queensland, Australia. This mine’s unique situation saw a world-class, silver lead zinc ore body and a geologically separate copper ore body, literally side by side. The underground mines and their quite different mining methods, their respective mineral concentrators and smelters, provided experiences on which my life’s career was founded.

The courageous and innovative culture of MIM resonated with me. This culture, fostered during those early days, has shaped my company, Russell Mineral Equipment.

It has been my privilege to build RME with a group of talented men and women since 1985. Together with our customers we have been able to observe and recognise where innovative engineering solutions can create benefit. These engineering solutions, applied in our mineral processing industry, have combined to create the RME Mill Relining System suite of technologies. This Mill Relining System, secured by RME’s Customer Support Platform, has changed the global face of grinding mill relining.

Our commitment to our industry is now strengthened by the delivery of expert grinding mill relining crews through RME MILL RELINING.

High performance is built into every one of RME’s Mill Relining Systems: fast, reliable, safe.

The realization of this performance potential requires a skilled mill relining crew. The RME MILL RELINING crews combine a great depth of mill relining experience with expertise in the application of all RME Mill Relining System technologies.

RME MILL RELINING crews are comprised of RME's skilled Customer Support Technicians (CSTs), mill relining personnel and management.
Through RME MILL RELINING, RME relines your mill and maintains your RME Mill Relining System.

Combining RME Mill Relining System maintenance with the mill relining contract simplifies reline management for both the mine site and for RME. Responsibility for both the relining and the equipment maintenance is now managed by RME, creating a virtuous circle of equipment use and equipment care.

In addition, every RME MILL RELINING reline is captured by RME MILL RELINE DIRECTOR cameras. This video capture and data interpretation allows RME to quantify our performance at each and every reline, and is our guide to constant performance improvement.

Grinding mill relining is a complex business and recognised as the most dangerous maintenance activity in a mineral concentrator shut-down. Due to the combination of experienced RME MILL RELINING Crews with the globally renowned RME Mill Relining System, the world’s safest mill relining practices are within reach. RME MILL RELINE DIRECTOR cameras on site facilitate safety reviews of RME MILL RELINING.

RME understands that reline duration predictability is more useful to mine site management than reline speed. Finishing a reline early is of little use if other maintenance tasks are finished according to schedule. In a typical mineral concentrator shut-down, grinding mill relining is the longest single maintenance task. Maintenance shut-down planning is built around the relining duration, therefore accurate prediction of relining duration is critical. RME MILL RELINE DIRECTOR is RME’s unique and powerful tool in relining duration prediction.

RME’s Mill Relining System was developed to radically reduce relining times, and it has delivered according to this design. Before the introduction of the RME Mill Relining System, a typical large SAG mill reline consumed 160 hours or more. When used proficiently, the RUSSELL Mill Relining Machine in conjunction with the RME Mill Relining System, provides the resources to complete this task in around 60 hours. A RUSSELL TWIN 8 Mill Relining System can achieve this task in under 40 hours.

The RME MILL RELINING crews and the RME Mill Relining System, guided by MILL RELINE DIRECTOR, work in concert to deliver superior relines with predictable durations; mine site management can now confidently predict faster relines and shortened overall concentrator shut-down times.

We look forward to working with you and to delivering on our promise to visibly, defensibly and sustainably improve our customers’ concentrator performance.

Regards,
John Russell
Managing Director and
Executive Chairman

Delivering innovation to the world
RME MILL RELINING provides a professional service to mine sites, focused on increasing mill availability via safe and efficient mill relines.

The values upon which RME MILL RELINING is built are demonstrated in our commitment to four key principles:

- **Safety**
- **High Quality**
- **Team Work**
- **Continuous Improvement**

**Safety**

The safety of our people is the most important aspect of our service; this is never compromised by production targets and perceived pressure. Our adoption of LEAN principles means that we never need to compromise safety in order to get the job done. Our openness to adopt and improve site specific safety standards and policies ensures a safe reline and positive influence on other contractors.

We provide world’s best practice for safe mill relines and it’s our vision to continually improve this benchmark and influence others to adopt this practice. Our reliners care about each other and believe that everyone should go home in the same condition that they arrived at work.

**High Quality**

On time, reliable, predictable, repeatable, professional. Our people are trained to a nationally accredited standard to provide the highest level of competency for this specialised maintenance task. RME MILL RELINING utilises the best mill relining equipment in the world to assist in achieving this result.

Pride in workmanship, integrity and honesty, doing what we say we will to execute a high quality mill reline. All RME MILL RELINING crew members are committed to these principles and have trained according to them.

A well organised and coordinated reline will result in a self sufficient and tidy reline, minimising work hazards and lost time whilst maximising time efficiencies.
Delivering innovation to the world

Team Work
RME MILL RELINING has a strong culture centred on team work. We work together to achieve a common goal, cooperating with both maintenance and operational site personnel and other shutdown contractors. We join their team, and include them in ours to share our workloads.

Continuous Improvement
For over thirty years, RME has proudly been committed to continually improving its products and services. RME MILL RELINING implements this same standard, helping mine sites maximise opportunities to improve their bottom line performance. Each RME MILL RELINING team member values opportunities to be innovative through problem solving.

RME MILL RELINING categorises our overall task into three key stages:

Pre Shutdown (Prior Planning & Preparation Prevents Poor Performance)
- Ensuring all mill liners, fasteners, tooling and consumables are set-up, in place to ensure a successful mill reline.
- Specialised Mill Relining Machines are serviced prior to shut down and are 100% reliable.
- All tooling has been rigorously checked; Pre-Start Checks Lists are completed by a competent team member.
- Administration of all risk assessments, safe work procedures, and safety documents are up-to-date and in place.
- Liaison with Key Stakeholders at site to understand other interactions with critical tasks during plant outage process.

Reline
- Implement RME MILL RELINING key attributes to ensure a Safe, High Quality and Predictable Reline.
- Liaison with site key stakeholders regarding progress and predictions of mill reline.
- Ensure the work environment is tidy and well organized in order to minimise hazards.

Post Reline
- Clean, service and pack away tooling into dedicated storage facilities.
- Clean up around Mill, including removal of liner bolts from the mill floor and of rubbish from the area. We leave the area in a better state than when we arrived.
- Clean and Service Mill Relining Machines and return them to their storage areas.
- Provide maintenance report to site and to RME Service personnel to ensure preventative maintenance tasks are captured for site equipment.
- RME MILL RELINING Report is provided to site with the aim to capture opportunities for improvement and optimisation of the mill relines.
RME MILL RELINING – an integrated team of professionals.

RME MILL RELINING provides mine sites with an integrated team of professionals who are specifically commissioned to carry out the varied tasks involved in a mill reline.

Our crews consist of experienced mill reliners with specific qualifications in the safe and proficient use of Mill Relining Equipment.

This integrated team includes qualified boiler makers, licensed Forklift operators, confined space sentries and maintenance fitters. Traditionally, RME maintenance fitters (Customer Support Technicians) have been contracted to conduct servicing of RME Mill Relining System for pre and post shutdowns. RME MILL RELINING Crews are a complete reline service, with these maintenance fitters embedded within the RME MILL RELINING crew. Costs are controlled and site visitor numbers are minimised with the inclusion of maintenance fitters in RME MILL RELINING Crews, who perform technical maintenance services during the pre and post shutdowns, whilst participating in relining during the shutdown.

Having an integrated mill relining crew requires the coordination of a large range of technicians with a myriad of various skill sets. RME’s Mill Relining Coordinator provides this organisation, and a centralised portal for communication to site key stakeholders.

RME MILL RELINING attracts and retains its personnel, allowing mine site customers to receive a consistent, predictable and repeatable reline service. Each reline is unique: RME MILL RELINING draws from its team the crew of technicians whose skills match the needs of each reline.

The stable culture of RME MILL RELINING gives order to the dangerous and often random nature of a mill reline. Our people understand their jobs and how to work with mine site personnel. They know the range of procedures and requirements of mine sites and how the site works. They know where the mill relining equipment lives and is stored, how to operate it and how to care for it. This standard of order and organisation creates a harmonious, structured and stable working environment.
Training

RME MILL RELINING personnel are trained according to our customised RME MILL RELINING TRAINING Standard. This standard is developing into a nationally recognised training course.

RME in partnership with TAFE Queensland (RTO 0275) provides accredited vocational education and training courses in the operation RUSSELL Mill Relining Machines and THUNDERBOLT Recoiless Hammers. Developed to Australian Qualification Framework standards, these courses titled ‘10186NAT Operate a Mill Relining Machine’ and ‘10187NAT Operate the THUNDERBOLT Recoiless Hammer’ are conducted at RME’s Research and Development Facility in Toowoomba, Australia. Course participants gain thorough knowledge regarding the operation of the RME Mill Relining System directly from the OEM. Reliners are empowered with insights from our training specialists, enabling them to operate RME’s world-renowned technologies to their full performance potential and develop sound understanding of all of our world-class safety functions and features.

RME values training. Training extends theoretical and practical opportunities to the whole mining industry. Our vision is to improve the skill sets, knowledge and practice of mill reliners.
RME MILL RELINING – an integrated team of professionals.

Tooling

RME MILL RELINING can provide specific tooling required to complete a safe, high quality and predictable reline. We work in conjunction with sites that have existing RME Mill Relining Systems, and will advise on opportunities for site equipment optimisation. We can provide hire fleets to ensure the correct tooling is available to achieve the best outcome for each client.

RME designs, manufactures and supplies superior and innovative reline tooling and equipment. The RME Mill Relining System has proven its worth on a global scale in the mineral processing industry. It allows us to provide a safe, accurate and professional relining service. Various models and types of pneumatic wrenches, torque tools and relining equipment have been tested and trialled over many years. We have determined the right tool for the job.

RME MILL RELINING understands the tooling requirements for each unique reline and make recommendations for the supply of this equipment. Maintenance, servicing and calibration of tools packages are supplied to ensure equipment reliability for each mill reline.

Customer Support Technicians can be integrated into the mill relining team. Their role includes the conducting of pre-start checks of all equipment and the maintenance of tooling to Original Equipment Manufacturer maintenance schedules. Post mill relines, all relining equipment is serviced and returned to storage areas in a reliable state. Our Customer Support Technicians work effectively with site stores personnel and maintenance planners to ensure that major work can be scheduled and completed safely and efficiently.
Technology

Over ten years ago, RME saw the need to investigate a means of discovering the full relining optimisation opportunities available to mine sites. While he was RME’s Chief Engineer, Executive Director Peter Rubie, observed the relationship between the repetitive nature of manufacturing and the reline process. This observation, coupled with RME’s abiding focus on discovering methods to visibly, defensibly and sustainably improve our customers’ concentrator performance, motivated Mr Rubie to apply Discrete Event Simulation software, a technology developed in the manufacturing industry, to the creation of a mill reline simulator. This simulation model is now known as MILL RELINE DIRECTOR.

Site dimensional data is collected either onsite or via Data Sheet and input into MILL RELINE DIRECTOR to create a virtual model of your mill. MILL RELINE DIRECTOR uses up to 12 cameras around and inside a mill to capture video footage of individual relines. This footage is analysed and reduced to statistically accurate performance data. This reduced data is loaded into the virtual model. The result is a Reference Reline, a virtual and dynamic representation of your mill and mill reline. It is then possible to change any number of mill relining parameters, including but not limited to equipment types and capacities, reline crews numbers, liner arrangement and type and many other mill relining elements, by loading these parameters into the simulator, resulting in Alternative Reline Scenarios.

Should a full reline performance audit be sought, a MILL RELINE DIRECTOR Report is supplied and recommended changes implemented and managed. A second video capture with subsequent data reduction is then performed to audit the effectiveness of the changes.

Consistent with RME’s commitment to visibly, defensibly and sustainably improve our customers’ concentrator performance, RME MILL RELINING will use MILL RELINE DIRECTOR technology to continuously improve our relining practices and make recommendations for site improvements.
New world first performance technologies

Simultaneous to the development of the RUSSELL Safety Products and processes has been RME’s development of a new range of pioneering performance technologies.

These new technologies include:

**THUNDERBOLT SKYWAY** elevating platform and semi-automated THUNDERBOLT Recoilless Hammers suspension and guidance system.

**INSIDEOUT Technology**, to facilitate relining without personnel inside the dangerous environment of the mill.

**Single Piece Flow** - relining methodology, RME AutoMotion and RUSSELL RELINE INTELLIGENCE which propose an alternative reline process using methods long proven in manufacturing, to increase throughput and quality.

**THUNDERBOLT SKYWAY**

SKYWAY’s greatest benefit is that it provides a technology platform external to the mill, equivalent to the RUSSELL Mill Relining Machine technology platform on the inside of the mill. It is the creation of these two foundational platforms that have made possible the emergence of all other new RME Technologies.

RME’s Mission Statement is to visibly, defensibly and sustainably increase our customers’ concentrator performance. Our relentless pursuit to satisfy our Mission Statement has led RME to envisage the development of ‘advanced suspension’ and ‘advanced guidance’ systems for RME’s THUNDERBOLT Recoilless Hammers.

Our vision for THUNDERBOLT advanced guidance and suspension has been materialised in THUNDERBOLT SKYWAY, which provides all the benefits of RUSSELL Elevating Platforms plus semi-automated bolt targeting, bolt acquisition and bolt/liner removal.

THUNDERBOLT SKYWAY applies all RUSSELL Elevating Platforms benefits to enable mill relining crew and THUNDERBOLT Recoilless Hammers access to more (higher) rows of liner bolts. SKYWAY Technology also delivers the advantages of semi-automated THUNDERBOLT Recoilless Hammers operation to reduce reline crew size and to streamline relining performance, every time.

THUNDERBOLT SKYWAY is a fully mechanised THUNDERBOLT Recoilless Hammer guidance and firing control system, representing the fastest method ever devised for liner bolt and worn liner removal.

**INSIDEOUT Technology**

INSIDEOUT is the name given to a suite of new RME technologies designed to facilitate relining without any personnel inside the mill. This technology suite falls into two main groupings, INSIDEOUT Liner Placement and INSIDEOUT Liner Removal.

By incorporating specialised communications headsets and RUSSELL ECLIPSE Liner Alignment Sensor System, INSIDEOUT Placement removes the need for reliners to be performing new liner alignment and bolt insertion tasks inside the mill. BOLTBOSS facilitates liner bolt retention and fastening from outside the mill.

INSIDEOUT Removal uses RME VU 3D headset and gimbel to enable control of the Mill Relining Machine from outside the mill, establishing a situation whereby worn liners can be neatly collected directly from the mill shell rather than from a jumbled, knocked-in, heaped assortment on the charge.
Delivering innovation to the world

RME Standard for Mechanised Mill Relining

Safety and performance through hazard identification and mitigation.

This document details all the hazards presented by relining and provides instruction on how to mitigate against these hazards.

Mining companies’ safety departments can now achieve uniform safety standards inside and outside the mill, guided by RME’s Standard for Mechanised Mill Relining and aided by RUSSELL Safety Products.

Liners which are optimised for metallurgical performance call for greater reline frequency, and with relining hazards removed, the path is clear to implement a ‘Liners For profit’ program.

For those mining companies which do not wish to increase relining frequency, RME’s Standard for Mechanised Mill Relining, combined with RUSSELL Safety technologies, will deliver a material change for the better with respect to conventional (people in the mill) grinding mill relining safety.

The ultimate in grinding mill relining safety can be achieved through increased automation and the application of RME's INSIDEOUT Technology. Regardless of the level of automation, people will still need to enter the mill on occasion. For those few occasions, RME’s Standard of Mechanised Mill Relining and the Safety devices are still required.
Mill relining is the most specialised maintenance task in a mineral concentrator.

Mineral ore grinding occurs in Grinding Mills, and there are several varieties. All Mineral Grinding Mills suffer high wear rates of their internal components.

All cylindrical tumbling Mills (AG, SAG, Ball and Rod Mills) feature structural shells, protected from abrasion by removable, replaceable Mill liners.

The selection of Grinding Mill type is determined by the type of mineral being processed, its characteristics (such as hardness, toughness, grindability and specific gravity) and the annual tonnages demanded by the economics of the mining project. The range of Mill types include:

**AG Mills**

- Autogenous Mills
  - No steel ball grinding media
  - Accepting up to 300mm ore pieces
  - Typically 20ft-40ft diameter with 5-28 MW Installed power
  - Usually high aspect ratio (diameter greater than length)
  - Typically a wet process

**SAG Mills**

- Semi-Autogenous Mills
  - Some large steel ball grinding media, around 125-150mm diameter
  - Accepting up to 300mm ore pieces
  - Typically 20ft-40ft diameter with 5-28 MW installed power
  - High aspect ratio (diameter greater than length)
  - Always a wet process

**Ball Mills**

- A large volume of steel balls as the grinding media,
- Up to 40% of mill volume, with balls typically 50-75mm diameter
- Fed by product from AG and SAG mills
- Accepting up to 20mm ore pieces, producing particles in the 75-150 micron range
- Typically 16-28ft diameter with 1-8 MW installed power
- Typically have a low aspect ratio; the length is much greater than the diameter
- Nearly always a wet process
Stirred Mills

- Including Metso’s VERTIMILLS® and Xstrata Technology’s IsaMill
- All Stirred mills have a stationary external case and a rotating stirring device inside
- Tower mills and VERTIMILLS® feature a vertical stirrer while the IsaMill has a horizontal stirrer
- Stirred mills accept Ball mill discharge product (75-150 microns) and can produce fine particles down to 30 micron
- The IsaMill is an ultrafine grinding machine than make product at 7 microns
- Always a wet process

High Pressure Grinding Rolls (HPGR)

- This is a relatively new technology, and may be considered a new type of crusher
- Feed size can be up to 300mm and the product from the HPGR is mixed with water and fed to conventional Ball milling for final grinding
- HPGRs can replace SAG milling where the ore type is amenable (hard and brittle)
- A dry process

Every tonne of mineral ore must be processed through the Grinding mills. While there may be fleets of excavators and trucks in the mine, there is typically only one Grinding Circuit. When the SAG mill Grinding Circuit is stopped for necessary maintenance, the cash flow of the entire mine site effectively ceases.

Almost invariably, the SAG and Ball mill liner life dictates the shut-down dates of the concentrator. The replacement of the SAG mill and Ball mill liners determines the length of each concentrator shut-down. In other words, the liner lives and their replacement limit the time available for mineral processing.

For every hour that the concentrator is shut down due to liner exchange (grinding mill relining) the mine site asset loses $50K to $500K per hour of revenue, depending on the mine head grade, throughput and commodity prices.
Experience

- Our Crews are comprised of RME’s skilled Customer Support Technicians, Mill Relining personnel and management personnel
- A combined six decades of commitment to the mill relining industry
- Proven reputation in providing high quality and predictable mill relines and fast, reliable and safe mill relining equipment
- Strong culture built on a foundation of safety and teamwork

Technical and Maintenance Support

- RME MILL RELINING Crews are a complete relining service
- Maintenance Fitters (RME Customer Support Technicians) are embedded within the RME MILL RELINING crew
- Costs are controlled and site visitor numbers are minimised through an integrated reline crew. Customer Support Technicians (CSTs) perform technical maintenance services during the pre and post shutdowns, whilst participating in relining during the shutdown
- Provides mine site with Original Equipment Manufacturing and engineering support

Training Management System

- All RME MILL RELINING Crew personnel are certified as competent in nationally accredited courses:
  - Certified Operator Course in the operation of RUSSELL Mill Relining Machines (course code 10186NAT)
  - Certified Operator Course in the operation of RME THUNDERBOLT Recoilless Hammers (course code 10187NAT)
- RME MILL RELINING manages the certification of all crew personnel to competency, under the Australian Qualification Framework (AQF) requirements

Equipment Hire and Supply

- RME MILL RELINING is integrated with Russell Mineral Equipment, the world’s leading designer, manufacturer and supplier of grinding mill relining technologies
- We provide specific tooling required to complete a safe, high quality and predictable reline
- We can provide hire fleets to ensure the correct RME Mill Relining System and other relining tooling is available to achieve the best outcome for each client
- Maintenance, servicing and calibration of tools packages are supplied to ensure equipment reliability for each mill reline

MILL RELINE DIRECTOR

- MILL RELINE DIRECTOR is RME’s mill relining simulation technology
- MILL RELINE DIRECTOR identifies mill relining optimisation opportunities
- MILL RELINE DIRECTOR and RME’s Lean Manufacturing experience drive continuous improvement activities
- RME’s goal is to improve each reline in accordance with customer objectives
Dr (Hon) John Russell
Founder, Executive Chairman and Managing Director

Dr John Russell is the Founder and Managing Director of Russell Mineral Equipment which he started from his home office in 1985. Through determined innovation, a single-minded vision to make the difficult job of mill relining easier, faster and safer, John has shaped RME to become the world’s leading design and manufacturer of grinding mill relining technologies. Extraordinary engineering and a highly-skilled workforce community, have been central to John’s success.

John’s mission to mechanise the mill relining process began five years’ earlier in 1980 as a graduate mechanical engineer at Mount Isa Mines (MIM) where he observed first-hand the relationship between grinding mill liner life, liner exchange rates, the impact on plant availability, production and ultimately mine site profitability.

In 1985 John established Russell Engineering, offering design and consulting services to the mining industry, including MIM. Early projects revolved around the ISA SIZER vibrating screen which John had invented, manufactured, patented and commissioned whilst at MIM. The design itself was cutting-edge and proved to significantly enhance metallurgical performance, eliminating the maintenance and reliability issues encountered by the technology that had been used to date.

Crucially around the same time, Russell Engineering was granted the manufacturing license for the ISA SIZER – an event that marked the birth of Russell Mineral Equipment and the transition from Russell Engineering’s limited design and consulting offering, to RME’s full service offering, including design, manufacture and supply of RME’s mineral processing equipment.

In 1990 RME won their first mill relining machine design-and-build contract with MIM. This RUSSELL Mill Relining Machine (MRM) #1 was commissioned late 1990. One year later, RME was awarded a second contract at the Leinster Mill in Western Australia by Western Mining Corporation (WMC) – strategically important because it was the largest capacity liner handler and first large liner placement machine in the world, marking the beginning of RME’s recognition and presence on the world stage.

In 1991 WMC placed an order for RUSSELL Mill Relining Machine #3 for Olympic Dam in South Australia, and thereafter orders dramatically accelerated with a new machine contract won every week from November 1992.

In 1996, with the support and dedication of Peter Rubie, who joined forces with John back in 1990, to the role of Chief Engineer, John’s focus could turn to management of the fast-growing RME business. In the years since, revenue has grown more than 20-fold and personnel head count is around 400 staff world-wide today. A state-of-the-art engineering, manufacturing, assembly, international training and business administration facility was opened in Toowoomba in 2009.

International offices were established to service RME’s growing global customer base, starting with RME South America in 2004, RME North America in 2009 and RME’s South Africa in 2012, followed by the incorporation of RME Canada and RME United Kingdom in 2013, and RME Panama in 2018.

RME MILL RELINING Executive Personnel
Under John’s direction and influence, RME has relentlessly continued to pioneer innovations and deliver new and safer technology to mill relines and the wider comminution industry, even during the mining investment downturn. This includes the THUNDERBOLT Recoilless Hammers in 1997, the RUSSELL TWIN in 2007, a pair of two completely-independent Mill Relining Machines that operate simultaneously, and recently, RME INSIDEOUT Technology and THUNDERBOLT SKYWAY, advanced mill relining technologies which are the result of two plus years’ dedicated R&D investment by RME’s engineers and Technology Group.

John has authored, delivered and published numerous conference papers from 1989 through to present day, including SAG 2001 Conference, Vancouver, Canada, 2006 MAPLA Conference, Chile and 2008 Canadian Mineral Processors, Ottawa, Canada. John was awarded a Centenary Medal for service to industry, the Canadian Mineral Processors Art McPherson Medal for Contributions to Comminution and the Warren Centre Innovation Hero Medal. He has also contributed to various State and Federal Government initiatives. In 2008, John was awarded an Honorary Doctor of Engineering from the University of Southern Queensland.
Brett Morgan
General Manager, Strategic Market Development

Brett Morgan is Russell Mineral Equipment’s General Manager, Strategic Market Development, a role that bears significant responsibility for influencing and guiding the direction of RME’s market and industry engagement around the globe.

In this role, Brett’s strategic acumen contributes directly to sustainable and profitable growth for RME’s Customers, through the identification of opportunities to optimise concentrator performance, and ultimately plant availability, through the custom application of RME’s world-leading mill relining technologies.

Brett’s ability to envisage new solutions to historical and current challenges has seen him add value to a wide range of comminution projects and Engineering, Procurement and Construction Management (EPCM) contracts across Australia, around the globe, and emerging markets in the EMEA, LATAM and the CIS regions.

As General Manager, Strategic Market Development, Brett also provides counsel to RME’s global team of Business Development Managers, Capital Sales and Service Account Managers, enabling them to deliver world’s best-practice asset support and solutions for more efficient, and inherently safer, mill reline operations.

Brett has always held key customer engagement roles at RME, first as a Business Development Manager in 2006, then Group Business Development Manager in 2012, General Manager Customer Relations in 2016, before moving to his current and critically important role in 2019.

Brett’s career-start was with Haliburton Geophysical Services as a Field Supervisor in the oil and gas industry, working around Australia and in SE Asia. Since then, his global experiences in logistics, manufacturing, business development and client services have placed him in a unique position to provide a structured, intelligent and highly-trusted service to RME customers.

Brett sits on a number of industry boards including Austmine, the leading industry body for the Australian Mining Equipment, Technology and Services (METS) sector and participates as a consultant to the RME Holdings Board of Directors.
Kevin Lonergan
Operations Manager, RME MILL RELINING

Kevin Lonergan is Operations Manager, RME MILL RELINING, a position that principally oversees the delivery of fast, reliable and safe reline services for RME’s customers around the world.

In this logistically-busy and highly-diverse project role, Kevin leads a range of functions. Firstly, he ensures the formation, competence and safe work practices of RME’s specialised reline crew are world’s best practice, as well as their preparedness to manage the risks encountered in confined spaces and remote locations. Secondly, with the support of this skilled crew, Kevin undertakes resource planning and management of mill reline equipment installations, liner replacements and decommissioning projects. Finally, he’s also responsible for cultivating strong customer relationships and business development opportunities in order to build a predictable pipeline of work for the RME MILL RELINING team. This enables RME to plan for the future, freeing each customer’s capacity to focus on their core business of driving mine productivity and profitability.

Kevin joins RME with 20+ years’ in senior management in the maintenance and construction sector where he gained experience across a wide range of mine sites and technical projects around Australia. Most recently, Kevin was Project Director and National Project Manager for Downer Infrastructure Services, Project Director for the Walz Group, General Manager with Ahrens Group and Mastermyne, one of Australian leading contractors to the mining sector, as well as QLD Operations Manager for UGL Resources.

Kevin’s career began in the late 1980’s when he completed a Boilermaker trade. In the years following, he undertook a number of practical technical studies in welding, supervision and inspection which provided a valuable foundation for his professional development. In 1995 Kevin completed an advanced certification in Engineering with the TAFE and has recently completing a Masters of Business Administration (MBA) from CQU.
RME delivers innovation to the world

RME's passion and mission has always been to minimise Mill Relining time and to increase relining crews' safety. RME Mill Relining System technologies, used effectively, have quartered the time previously taken to line large mills. Looking forward, RME's focus is to secure the potential of RME's Mill Relining System performance for each and every one of our customers, past, present and future.

Our commitment to industry is to visibly, defensibly and sustainably improve our customers' concentrator performance.

RME's global reach extends to over 380 mine site locations.

**HEAD OFFICE**
Toowoomba
149 Hursley Road
Glenvale, Toowoomba
Queensland 4350 Australia
p +61 7 46 989 100
e rme@rmeGlobal.com

**REGIONAL SERVICE CENTRES**
Toowoomba
Servicing Asia-Pacific, Europe and Middle East
2 Russell Street
Toowoomba City, Toowoomba
Queensland 4350 Australia
p +61 7 46 989 100
e rme@rmeGlobal.com

Perth
Servicing Asia-Pacific
Unit 3, 73 Discovery Drive
cnr Tidal Way
Bibra Lake, Western Australia
6163 Australia
p +61 7 46 995 712
e rme@rmeGlobal.com

Antofagasta
Servicing South America
General Borgoño 934,
Piso 4, Of. 401
Antofagasta, Chile
p +56 2 2963 7860
e rme@rmeGlobal.com

Santiago
Servicing South America
Las Garzas 950, Galpón G-H
Quilicura, Santiago, Chile
p +56 2 2963 7860
e rme@rmeGlobal.com

Salt Lake City
Servicing North America
6132 South 380 West
Murray, Utah 84107 USA
p +1 801 871 0500
e rme@rmeGlobal.com

+ ARIZONA SATELLITE SERVICE CENTRE

Kamloops
Servicing Canada
755 Carrier Street, Unit B,
Kamloops, BC V2H 1G1 Canada
p +1 250 996 4404
e rme@rmeGlobal.com

+ MONTREAL SATELLITE SERVICE CENTRE

Johannesburg
Servicing Africa and South Africa
22 Spartan Road, Spartan,
Kempton Park
Gauteng, 1649 South Africa
p +27 87 809 2830
e rme@rmeGlobal.com

Accra
Servicing Africa
C/- Regus, Private Mail Bag (PMB), CT 460
Cantonments, Accra
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