



THE ADVANTAGE OF  
SMART TECHNOLOGY.



[www.rct.net.au](http://www.rct.net.au)

Offices: Australia | Africa | Latin America | North America | Russia



When we look at mining and other industries, what we're really seeing is different ways to make it better.

Our primary goal is to boost the profit from your mobile equipment – investments that can make or break your success.

RCT is an innovative and dynamic smart technology company with a unique way of viewing the world.

Put simply, we work alongside our clients to understand their business needs, identify problems and then seek to solve them through the design, manufacture and delivery of smart technology.

With over 40 years of success, RCT leverages knowledge, insight and know-how to provide our clients the advantage of smart technology and tangible benefits – increased profitability, productivity and safety.

RCT has traversed all corners of the globe delivering intelligent solutions backed by exceptional support, service and training since the 1970s.

Our team has grown to over 150 committed people working with clients in over 64 countries worldwide, from Australia to Asia, Africa, Russia, North America and Latin America.

We are now a global leader (and the Australasian market leader) in smart Guidance, Teleremote and Remote Control automation solutions for the mining industry.

RCT is a one-stop, full service company:

- Engineered smart technology solutions
- Research and innovation
- Manufacture
- Installation and commission
- Skills training
- Technical support
- Consultancy and audit
- Personalised customer service
- Parts supply



“RCT and our technology have come a long way from the 1970s. We have adapted and innovated ... our clients' needs have always been our inspiration and guiding light. Our remarkable team and can-do attitude are a credit to RCT, and our clients' ongoing success.”

Brett White, CEO, RCT

## The RCT Product Suite

RCT offers a range of intelligent and exclusive technology. Working closely with clients to fully understand business needs, we design, manufacture and deliver custom technology and service solutions to support clients around the world in sectors including mining, industrial, agricultural and civil.



By giving you full control of your mobile equipment, ControlMaster® helps drive profit-boosting productivity beyond existing levels.

- Guidance systems (automation)
- Teleremote systems (video)
- Line of sight systems (radio remote)
- Underground and surface communications systems
- Safeguards for operator, machine and work areas

We'll work closely with you to fully understand your needs, before designing and manufacturing a customised ControlMaster® package – delivered, installed and supported anywhere in the world.



EarthTrack® smart technology is designed to give you more control over your equipment fleet to ensure it's always operating at peak performance.

Fitted to your equipment, EarthTrack® fully assesses performance data in real-time, giving intelligent insights that allow understanding and improvement of fleet productivity.

- ComLink positioner / commander
- Machine logging systems
- Payload management systems

Designed to operate without excessive human resource overheads and virtually no permanent mine infrastructure requirements, EarthTrack® is your key to smarter, profit-boosting equipment.



“I have seen the benefits of RCT’s remote control solutions in other operations so am confident in achieving positive outcomes at Jinfeng.”

Client, China



Muirhead® smart technology is designed to help you get the most out of your mobile mining investments.

Attached to your equipment, Muirhead® reliably prevents premature failures and unexpected breakdowns, resulting in profitable mining operations.

- Engine protection components
- Fatigue/fire warning alarms
- Fuel cap isolation
- Idle/shutdown systems
- Level sensors
- Lubrication controls
- Protection systems
- Service monitors
- Speed limiters

Backed by exceptional support, service and training, Muirhead® offers improved operator safety, reduced equipment maintenance and repairs costs, less downtime and extended plant life.



AusProTec is designed for better performance of your mobile equipment investments.

From gauges, plugs, hydraulics and switches to alarm and rear vision camera systems, the wide range of specialised parts are supported by RCT to improve job efficiency.



SmarTrack is designed to provide unrivalled control over your operating equipment investments by providing intelligent insights that allow monitoring, control and continual improvement of productivity and safety of fleet in dangerous environments.





“The results of the test clearly illustrate a productivity boost by a factor of up to 1.5 for our operation. From a business perspective, Perilya is achieving a significant benefit for its investment in RCT’s (ControlMaster®) Guidance Solution to maximise productivity and utilisation.”  
Perilya, Australia

## RCT Custom

When encountered with challenging problems that defy off-the-shelf technological solutions, RCT Custom provides the advantage of smart technology together with a highly experienced and dedicated projects team.

Using RCT intelligence and proven experience, in a truly collaborative effort, RCT Custom combines research, innovation, design, manufacturing, installation and training teams, together with other experts in the field, to deliver an end-to-end solution.

Our single goal is to find the answers that result in increased profitability, productivity and safety for our client.

RCT Custom has the resources and depth of expertise to solve a client's problem, regardless of size or scope of the project.

“The automation of repeatable, planned tasks, by means of smart technology, removes the guesswork from processes and provides operational and production certainty and predictability. In terms of budget planning and forecasting, this is what any CEO or CFO likes to hear.”


Client

## Service and Product Support

RCT provides operational checks and preventative maintenance to keep smart technology operating safely and reliably around the world.

Trust our qualified team of experts to provide methodical, up-to-date service backed by comprehensive documentation for complete peace-of-mind.

- Maintenance service
- Fleet service
- Test and service kits
- Teleremote communication components
- Skills training



"We employ mechatronics engineers along with software developers, electronics engineers, etc. Our apprenticeship training produces trades people with this mechatronics skill set ... and they just thrive because it's so different."

RCT

## Research and Innovation Hub

Smart technology is an increasingly important success factor in mining and industry.

For companies who invest in technology – the right technology, for the right application – the benefits are immediate, and returns greater.

Our expert team of in-house engineers and strategic partners focus on creating sustainable value and competitive advantage for our clients.

The technical insight, combined with some of the best minds and hands-on experience in the world, RCT creates highly specialised technology for improved operations and custom projects.

The Research and Innovation Hub is dedicated to identifying value creation opportunities. We actively welcome collaborations and opportunities to work in partnership. Across operations and industries, collective efforts deliver technological advancements and create step change improvements in processes, standards, systems and tools.

With a culture of integrity, team-work and core values that reflect RCT's commitment to performance, the Research and Innovation Hub is dedicated to pushing the boundaries of what's possible to develop the future of smart technology.

The Research and Innovation Hub engages future talent through University of Western Australia's Co-operative Education for Enterprise Development (CEED) graduate programme.

“Being independent means the speed to respond to the emerging demands will be to our advantage. The market is clearly calling for smart solutions.”

Bob Muirhead, Executive Director & Founder, RCT



