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**Media Release Caption:** RCT's Proof of Concepts (PoC) team was established a year ago, and already they are proving to be a valuable resource for the company.

**Title:** PoC Works team a powerhouse of innovation

**Body:** Innovation has been the driving force behind RCT's success with the company going from strength to strength in the past 45 years. As a result, the company now spans five proven sub-brands comprising of numerous proven solutions. RCT continues to advance its products and technology through formal market-driven Roadmaps, however, to remain at the forefront of innovation the company realised a need for a dedicated team to test new technologies, ideas and concepts which extend RCT's product offer.

Consequently, RCT's Proof of Concepts Works (PoC Works) team was established a year ago, and already they are proving to be a valuable resource for the company; allowing the company to test ideas quickly and inexpensively before feeding these concepts back into the engineering process.

Encompassing the approach of innovating, collaborating and creating, the team's motto is fail fast, learn quickly. With a thirst for problem solving the team uses a blue-sky approach to tackling each challenge presented to them. RCT's Concept Development Engineer Tom Egling heads the PoC Works team. With a background in engineering, systems, software, hardware and robotics, he was brought on board for his broad skill set and enthusiasm for tackling the complex issues. "People come to us with problems and we try to work out how we can solve them. It's our goal to think of ideas fast, test them quickly and if they don't show promise, we simply move on," said Mr Egling. "Our creative thoughts are not limited by current thinking or beliefs which allow us to create new ideas or approaches which results in new products." PoC Works, work independently from RCT's development team, however, they do enlist help from other staff members and third parties if and when needed. "Once we receive the project, we brainstorm and bounce ideas in the group. If we decide the project is better suited to someone outside the group, we then approach them for their input and expertise." "It has proven to be an efficient way to test and explore new technology and unearth new opportunities for the company," said Mr Egling. To date, the PoC Works team has already produced two new innovative solutions; one of which RCT has just taken to market with, is one component of the company's new Communications Solutions offering - RCT Bridge. This

solution was a lingering project which adds further value to RCT's proven Teleremote network to ensure more data transfer. RCT Bridge is literally "bridging" the gap for mines wanting to enter the digital world with their existing analogue infrastructure.

"This was an exciting project to work on. We were able to work with the software and hardware to assemble a prototype that met all the base requirements before taking it to a third party to turn our concept into a reality."

In addition to this recent release, the PoC Works team has also unearthed an innovation that allows data propagation using a store and forward model – watch this space!

Of course, there have been ideas that the team have experimented with that haven't made it off the ground.

"It's to be expected, and the reason we created the team was to ensure we could speed up this process," he said.

"Technology is moving a lot faster now so it's important RCT continues to be cutting edge. We often investigate new technologies for hardware and software and ascertain whether it suits our business."

"We aren't just producing products; we are innovating and finding new ways to develop and produce technology and we are doing it successfully."

Next on the group's agenda are projects that revolve around underground positioning and new website technologies while looking at existing obstacles and applying both new and old tools to address them.

This relatively new group is proving to be an effective model for major advancement in technology for RCT, enabling the company to continue to significantly impact the mining industry to improve productivity, sustainability and safety.

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## **ABOUT RCT**

RCT is an innovative smart technology company with the expertise to evolve entire industries. We design, manufacture and deliver technology and service solutions to support clients around the world in multiple sectors including mining, industrial, agricultural and civil. With 45 years of success, RCT leverages knowledge and insight to provide clients the advantage of measurable value – increased profitability, productivity, efficiency and safety. Since the 1970s, RCT has traversed all corners of the globe. Our team has grown to 150+ committed people working with clients in over 64 countries worldwide, from Australia to Africa, Asia, Russia, North America and Latin America.

With our unique way of viewing the world, intelligent solutions and backed by exceptional support, service and training, RCT is a global leader in smart Guidance, Teleremote and Remote Control automation solutions for the mining industry.

We continue to listen, see, think, create and evolve solutions that lead to better profitability, productivity and safety for our clients.

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