



NEWS RELEASE

GROUND-BREAKING DEFENCE TRAINING CAPABILITY UTILISES TECHNOLOGY TO SAVE LIVES IN THE FIELD

Sydney, 3rd October 2019 – Through a ground-breaking partnership, two Australian companies are set to deliver an integrated, immersive training capability for Defence and Law-Enforcement organisations. Kinetic XR, which provides specialised combative training to Defence, has joined forces with Chiron Global Technologies, a developer of highly protective combat training armour. Together, they will combine state-of-the-art technologies to simulate real combat with unprecedented accuracy and safety.

In an industry first, Kinetic XR (a division of Kinetic Fighting) will augment its globally proven combative training program with customised virtual-reality (VR) and Chiron’s world-leading combat training armour. The armour is designed to withstand high-impact forces and real, high-speed strikes to vital body targets, while maximising manoeuvrability.

World-renowned Army Combatives Program (ACP) creator and Kinetic XR CEO, Paul Cale, said he was excited to partner with Chiron to offer an innovative training capability that will also enhance safety. “We’re constantly seeking ways to further improve training outcomes, and this unique combination will do just that,” he said. Cale, a former Special Forces team leader, has designed and delivered combative and tactical training across Australia and internationally for over a decade.

“With Chiron’s advanced armour capability, we are able to make our training as close to real combat as it gets. The armour is designed to withstand heavy impacts from blunt-force weapons and man-marking rounds, allowing us to simultaneously train personnel in both kinetic and non-kinetic techniques at extremely close quarters without causing injury,” said Cale.

“There is currently no other training armour that offers everything Chiron does. Add Kinetic XR’s immersive VR capabilities, and we can deliver an unparalleled level of realism. As a complete training package, this combination will reduce injuries in training and make personnel more effective in the field. Ultimately, it will save lives and resources down the line.”

Australian company Chiron Global Technologies has spent the last five years developing its armour platform and testing it in high-impact combat scenarios. Among those to have tested the armour are the Australian Army, NZ Navy, NZ Military Police and Law-Enforcement agencies. In conjunction with Kinetic XR’s extensive experience and expertise, it offers a compelling solution to the issues facing front-line personnel and training staff.

“The partnership with Kinetic is a great fit for Chiron. Paul and his team are extremely experienced in training for high-risk operations across all branches of Defence and Law Enforcement, and are the ideal partner to utilise our armour to improve current training outcomes. We have had significant feedback regarding the limitations of available training armour and have designed the Chiron-X1™ to address these issues,” said Chiron Co-Founder Justin Forsell.

Kinetic XR and Chiron are now offering training courses incorporating the Chiron-X1™ armour.

Chiron’s next generation of armour is also in development. The company has created and patented force-measurement sensor technology that can be embedded into its suits, recording the anatomical location of strikes and damage that would result from each blow. This data is captured for immediate analysis, allowing trainers to assess the most and least effective training techniques over time. This enables them to adapt the training accordingly for individuals and groups. Chiron and Kinetic XR also plan to gradually introduce the upgraded Chiron-X2™ model to end-users interested in the enhanced training and learning advantages that the advanced technology will afford.

Kinetic XR and Chiron will be exhibiting at Pacific 19 and holding live demonstrations of their joint training capability throughout the event at stand 1N16.

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About Kinetic XR

Kinetic XR represents the future of combat training. Through the integrated technologies of advanced virtual-reality vision, ultra-light highly protective armour and robotic targets, Kinetic XR brings the battlefield to life. Kinetic's mission is to deliver training that's closer to reality, safer and less reliant on ordnance. Meshing 'bleeding-edge' experiential tech with behavioural science and deep data analysis, Kinetic's immersive XR system is designed to drive learning outcomes comparable to those earned in battle.

About Chiron Global Technologies

Chiron Global Technologies provides the world's best combat training armour platform. Chiron-X1™ is a highly protective, lightweight, agile armour that enables personnel to 'Train as they Fight' using realistic high-impact forces and high-speed strikes. Chiron's armour platform includes a planned upgrade path to Chiron X2™ sensed armour linked to a medical database, providing simulated injury analysis and data on blunt-force and man-marking munitions impacts. Chiron's armour platform revolutionises close-quarter combat training, helping to save the lives of service personnel.

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