

MEDIA RELEASE

15 DECEMBER 2022

ORICA AND EPIROC FIRE WORLD'S FIRST SEMI-AUTOMATED, WIRELESS DEVELOPMENT BLAST WITH AVATEL™ AT KITILÄ MINE

Orica (ORI:ASX) and Epiroc, in partnership with Agnico Eagle Mines Limited have successfully commenced live blasting with Avatel™ – the world's first semi-automated wireless underground development charging solution at Agnico Eagle's Kittilä mine in Finland. The milestone brings to life an industry-driven concept that dramatically improves safety at the face, which is one of the highest risk activities in underground mining today.

The award-winning innovation enables a single operator to prepare and wirelessly complete a full charging cycle from the safety of an enclosed cabin while offering the best available blast outcomes through the integration of Orica and Epiroc's flagship digital, automation and blasting technologies.

The first successful blast was loaded and fired on 22 November 2022, comprising 61 Orica WebGen™ 200 Dev wireless primers and 295 kilograms of Orica's Subtek™ bulk emulsion loaded to a development face at the Kittilä mine.

Celebrating the significant milestone, Orica Chief Technology Officer Angus Melbourne said: "Together with Epiroc and Agnico Eagle we are extremely proud of the team in creating a solution that keeps people out of harm's way during what is considered one of the highest risk activities for underground miners around the globe.

"With Avatel, we can now effectively manage risk for the people who spend the most time every shift directly exposed to hazards at the development face while delivering all of the blast optimisation benefits that Orica's flagship technologies bring. The combination of digital, automation and wireless blasting technologies and by partnering with customers and peers, we can continue to solve the industry's biggest challenges across safety, productivity and sustainability, together."

Sami Niiranen, President for Epiroc's Underground division, said: "This is a true milestone achieved for our industry where Epiroc in partnership with Orica have led the way to safer underground operation. By building on our recognised solutions and advanced Rig Control System, Avatel paves the way to safe productivity for the mining industry."

The first commercial implementation of Avatel™ will take place at Newcrest's Cadia Valley Operations from December 2022.

For more information, visit orica.com/Avatel

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First Avatel™ blast after mucking



Avatel™ at the face charging

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The blasted face charged by Avatel™

[Click here](#) to watch the video from this industry milestone activity

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ABOUT ORICA

Orica (ASX: ORI) is one of the world's leading mining and infrastructure solutions providers. From the production and supply of explosives, blasting systems, mining chemicals and geotechnical monitoring to our innovative digital solutions and comprehensive range of services, we sustainably mobilise the earth's resources.

Operating for nearly 150 years, today our 12,000+ global workforce supports customers across surface and underground mines, quarry, construction, and oil and gas operations.

Sustainability is integral to our operations. We have set an ambition to achieve net zero emissions by 2050 and are committed to playing our part in achieving the goals of the Paris Agreement.

Find out more about Orica: orica.com

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ABOUT EPIROC

Epiroc is a vital part of a sustainable society and a global productivity partner for mining and infrastructure customers. With ground-breaking technology, Epiroc develops and provides innovative and safe equipment, such as drill rigs, rock excavation and construction equipment and tools for surface and underground applications. The company also offers world-class service and other aftermarket support, as well as solutions for automation, digitalization and electrification. Epiroc is based in Stockholm, Sweden, had revenues of SEK 40 billion in 2021, and has more than 15 500 passionate employees supporting and collaborating with customers in more than 150 countries. Learn more at www.epirocgroup.com.

Epiroc's Underground division develops, manufactures and markets a wide range of tunneling and mining equipment, including drill rigs, loaders, mine trucks and ventilation systems, for underground applications worldwide. It focuses on innovative product design and aftermarket support systems for added customer value. The division has production in Sweden, India and China. Please see www.epiroc.com for product offerings.