

# WEBGEN™ THE WORLD'S FIRST WIRELESS INITIATING SYSTEM

## COMPLETELY ELIMINATE THE NEED FOR DOWNLINES AND SURFACE CONNECTING WIRES

WebGen™ communicates through rock, air and water to initiate blasts reliably and safely, removing people from harm's way. This industry-changing technology enables new mining methods and blasting techniques to increase productivity and reduce blasting costs.

[orica.com/wireless](http://orica.com/wireless)

**WebGen™**  
Wireless Electronic Blasting Systems

**ORICA**

In surface mining, WebGen™ reduces complexity of on bench operations and eliminates wire related misfires.



Improve safety



Reduce overall costs



Improve on bench productivity



Increase flexibility

**IMPROVED ON BENCH SAFETY**

- Eliminates the interaction between heavy vehicles and initiating systems while reducing people exposure to on bench hazards

**BOOST ON BENCH PRODUCTIVITY AND REDUCE COST**

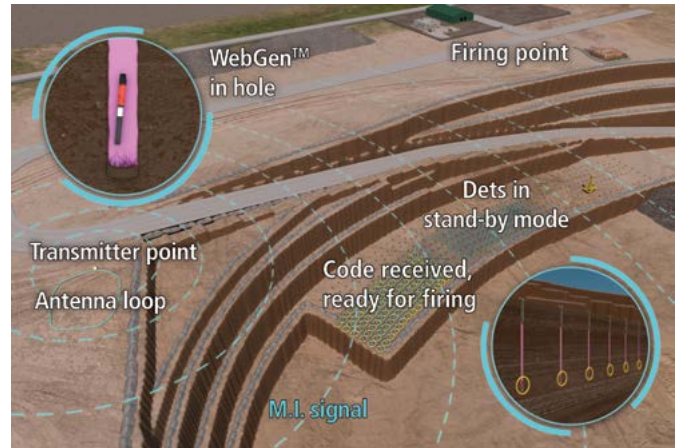
- No tie in process, reduced misfires and elimination of backup practices

**INCREASED LOAD AND HAUL PRODUCTIVITY**

- Increase flexibility in pit planning, blasted inventory, reduce misfire zones and eliminate firing window variability
- Lightning cost and risk reduction through elimination of unplanned initiation of loaded blastholes and reduction in blast clearance zones

**SAFEST COMMERCIAL EXPLOSIVES PRODUCT IN THE WORLD**

- WebGen™ is a Safety Integrity Level 3 (SIL 3) certified design which defines the probability of failure and ensures the system is always in a safe state until the firing command is transmitted. Every shipment is 100% tested to ensure components will function as designed. Over 240,000 tests were performed in TÜV Rheinland’s evaluation of our Safety Integrity Rating



WebGen™ uses low frequency magnetic induction signals to transmit firing commands



To learn more about wireless blasting solutions, please contact your local Orica representative, or visit [orica.com/wireless](http://orica.com/wireless)

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