



# Hexagon Remote Drilling Link

## Continuous optimisation, even during shift changes

**Hexagon Remote Drilling Link** is a rugged communication interface that enables the remote use of Hexagon's Production Optimiser System (POS) on production drill rigs. It allows operators to maintain drilling optimisation from a distance by bridging modern IP-based communication protocols between a remote tablet and the onboard OptiBox unit. This eliminates the need for operator presence at the rig during shift changes or other transitional periods.

Designed specifically for underground production drilling operations, Remote Drilling Link operates over existing mine Wi-Fi networks to support remote optimisation during shift transitions and other operational gaps.

Its OEM-agnostic design allows flexible deployment across any production drill brand that is compatible with POS version 5.8.1 or higher. Remote Drilling Link installs quickly, typically requiring under five hours, and does not involve any rig modification.

By reducing operational downtime and improving consistency across shifts, Remote Drilling Link supports mines looking to scale their digital optimisation strategies. It integrates cleanly into existing workflows, complements current infrastructure and adds immediate value as a remote drilling enablement solution.

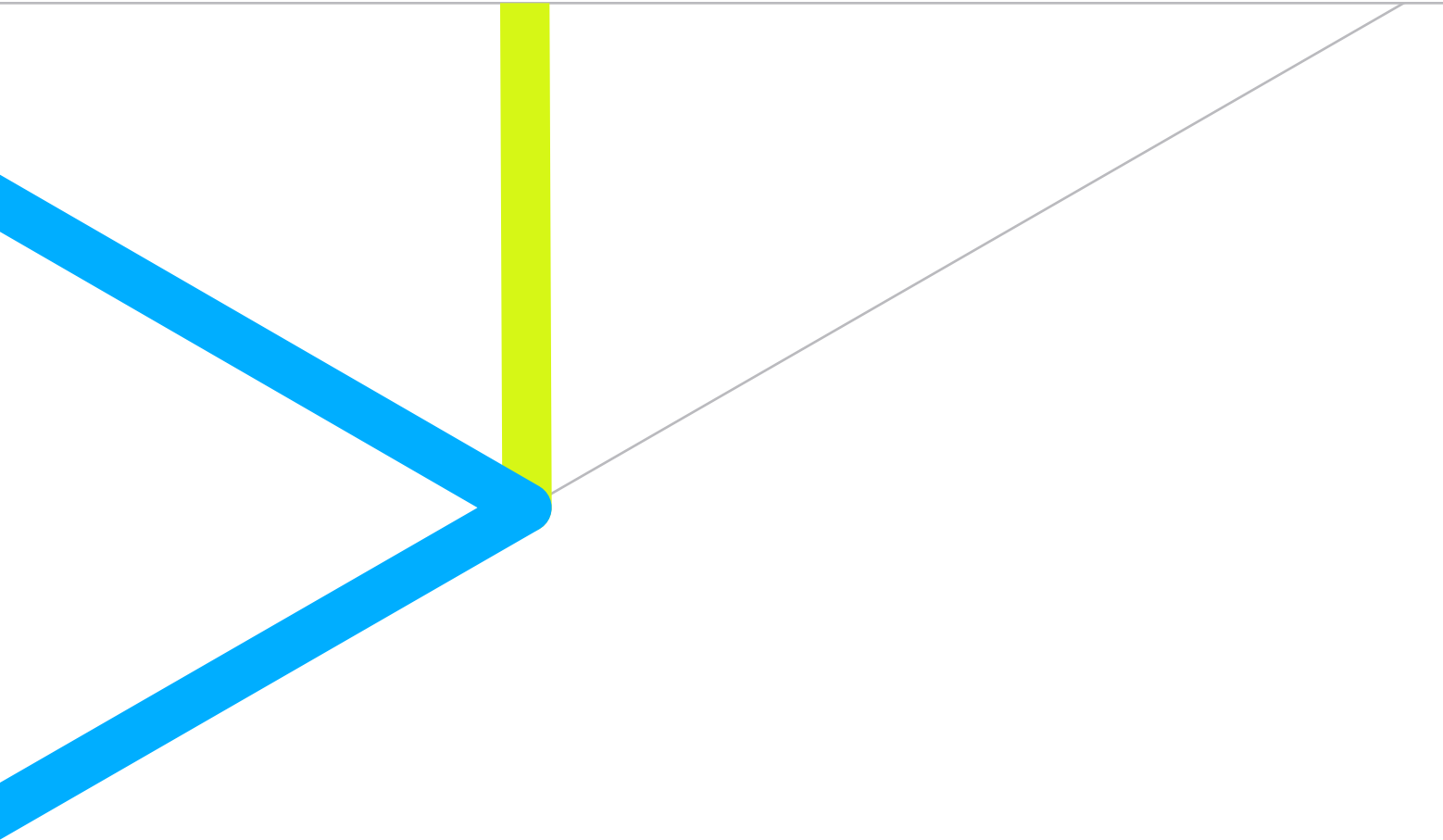
## Features

- **Seamless Production Optimiser compatibility:**  
Enables full remote use of POS without operator presence, maintaining drilling precision and consistency.
- **IP-based communication bridge:**  
Bridges local OptiBox systems with remote tablets over secure, WPA2-encrypted IP protocols.
- **Quick-install ruggedised gateway:**  
Designed for rapid deployment, the Remote Drilling Link gateway is mountable, mine-ready and deployable without modifying the drill.
- **REST API and WPA2 secure architecture:**  
Leverages proven wireless architecture, allowing secure, real-time communication.
- **No OEM dependency:**  
Functions independently of OEM systems, enabling cross-brand deployment and avoiding vendor lock-in.
- **Supports underground mine Wi-Fi networks:**  
Operates on existing infrastructure, simplifying deployment in underground environments.
- **Compact and efficient:**  
Small hardware footprint allows easy integration, and low power requirements simplify maintenance and scaling.



## Benefits

- **Maximised asset efficiency and drill utilisation:**  
Enables the use of Production Optimiser during unstaffed hours, improving consistency and production output without additional labour.
- **Increased drilling accuracy and pattern compliance:**  
Supports precise remote control of drill patterns, enhancing blast quality and reducing rework.
- **Reduced downtime during shift transitions:**  
Maintains optimisation remotely, avoiding idle rig time when operators are transitioning or unavailable.
- **Lower equipment wear and operating stress:**  
Smooth, consistent optimisation reduces mechanical stress and extends rig component life.
- **Rapid deployment with minimal disruption:**  
Installs in under five hours with no rig modification required. Seamless onboarding with POS version 5.8.1 or higher.
- **Flexible integration across existing networks:**  
Compatible with standard mine infrastructure (Wi-Fi), requiring no specialised communication hardware.
- **OEM-agnostic, scalable across fleets:**  
Works with any production drill brand, enabling cost-effective fleet-wide remote strategy.
- **Proven return on investment:**  
Early adopters have reported productivity increases of over 200 metres per week and rapid return on investment.



### About Hexagon:

Hexagon is the global leader in measurement technologies. We provide the confidence that vital industries rely on to build, navigate, and innovate. From microns to Mars, our solutions ensure productivity, quality, and sustainability in everything from manufacturing and construction to mining and autonomous systems. Hexagon's Mining division connects measurement and autonomy across surface and underground operations, pushing the boundaries of autonomous technology and data insights to help customers optimise resources and move material safely.

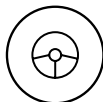
This offering includes solutions to support:



**Evaluation,  
Planning  
& Design**



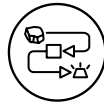
**Drill & Blast**



**Load & Haul**



**Survey &  
Monitoring**



**Processing**



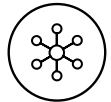
**Reclamation**



**Safety**



**Autonomous  
Operations**



**Insights**

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