



Hexagon OP Pro

Accelerate operational excellence with fleet management that provides real-time insights for informed decision making

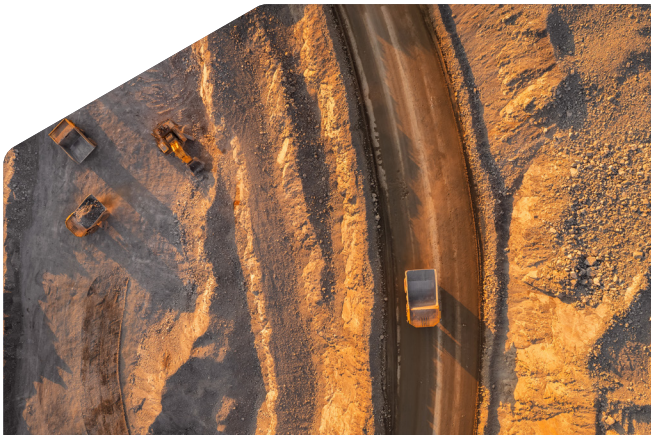
OP Pro is Hexagon's full-featured solution for fleet management, equipping mining professionals with invaluable insights into all aspects of their fleet operation within a user experience designed for efficiency.

Used by mines worldwide, this product helps operations safely accelerate efficiency and avoid disruptions caused by poor fuel/time management, disorganised shift changes and substandard equipment utilisation. It is an integral part of Hexagon's surface and underground fleet management capabilities, which cover machine

guidance, operator assist, machine and asset health and fragmentation analysis.

Mine operators can effortlessly receive a complete picture of the position, status, activity, production and utilisation of all equipment as OP Pro continuously collects and stores data for graphic representation. The number of loads and tonnes moved per equipment is revealed, material movement is tracked, equipment movement is monitored, and incorrect transactions are highlighted.

Hexagon OP Pro enables mines to maximise equipment use, improve workflows, reduce costs and improve productivity, combining hardware and software to automate production cycles and operation workflows, optimising haulage and fuel consumption.



Benefits

- Data-informed decision making for improved fleet efficiency and productivity
- Reduced fuel consumption with potential to shrink carbon footprint
- Minimised equipment wear-and-tear for lower maintenance and operating costs
- Enhanced visibility of mobile mining fleet by activity, enabling ongoing material tracking
- Short learning curve for quick adoption by operators

Features

- Real-time situational awareness with a bird's-eye view for operators and corporate office through GPS tracking
- Insight-building fleet reporting
- Truck route optimisation
- Recorded movement of time, tonnes and terrain
- Market-leading, modern, intuitive operator interface
- Scalable and integrates with Hexagon safety solutions such as Collision Avoidance System and Vehicle Intervention System

Included tools

Tools	Key capabilities
OP Manager offers a view into the mine for operations and maintenance	• Easily locate equipment • Informs operators during shift changes of the nature and location of their next assignment • Displays optimal routes for each truck assignment, and instantly flags deviations • Informs shovels of the next assigned truck arrival with all mine traffic displayed • Opens communication between operators and Mine Control for road conditions, emergencies, prechecks, status changes or simple messages • Automatically collects and stores vehicle status, activity and other information sent by field equipment • Helps inform real-time decisions that can improve production • Can reveal flawed processes and behaviours, such as operators abusing delay times
OP Pro's Optimiser ensures real-time optimised decisions on truck assignments	• Eliminates unnecessary fuelling stops by auto-assigning equipment to a fuelling location when fuel reaches a specific threshold • Maximises truck production time by calculating the feasibility of completing another load before cut-off time ahead of breaks • Maximises load and haul output by reducing idle times

Integrated life-of-mine solutions

Having one technology partner for the life of your mine is a superpower in the face of modern mining challenges. Our integrated, data-driven solutions help eliminate the need for disparate products across workflows within mine planning, fleet management, monitoring, safety and beyond. With Hexagon, you gain a trusted partner backed by over 50 years of expertise who remains focussed on an autonomous future both above and underground.

This offering includes solutions to support:



Evaluation,
Planning
& Design



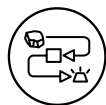
Drill & Blast



Load & Haul



Survey &
Monitoring



Processing



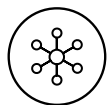
Reclamation



Safety



Autonomous
Operations



Insights

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