



Hexagon OP Pro and OAS hardware integration

Connected to move mining forward

Hexagon OP Pro and OAS hardware integration enables both systems to operate on a shared on-board platform for surface mining equipment. It is designed for operations deploying OP Pro and OAS together, or expanding from one system to the other, where fleet management and safety technologies need to coexist on the same machine.

As mining operations adopt more on-board systems, independent deployments can increase the amount of hardware installed across the fleet. Traditionally, operator alertness and fleet management systems have been installed separately, each requiring its own components, cabling, and maintenance

support. This can increase hardware footprint, add troubleshooting complexity, and make long-term system management more difficult.

This new integration consolidates Hexagon's OP Pro and OAS onto a single on-board architecture, using shared hardware where configuration allows. By reducing unnecessary hardware duplication, it simplifies installation and helps limit equipment downtime during deployment, while maintaining the same high-performance capabilities that exist within each individual system. The result is a more streamlined on-board environment for deploying, maintaining, and managing OP Pro and OAS together.

Offerings

- **Integrated hardware platform:**
Enables OP Pro and OAS to operate within one integrated hardware ecosystem, reducing redundant compute, positioning, and communication components.
- **Existing installation compatibility:**
Supports reuse of installed on-board hardware when adding OP Pro or OAS to equipment already running one system, depending on configuration and storage availability.
- **Standard dual-system deployment:**
Delivers new OP Pro and OAS installations as an integrated on-board setup when both systems are deployed together.



Benefits

- **Reduced hardware footprint:**
Creates a cleaner on-board environment when OP Pro and OAS are used on the same machine.
- **Simplified deployment:**
Reduces the work required to prepare equipment for dual-system deployment, helping shorten installation time and return equipment to production sooner.
- **Reduced total cost of ownership:**
Less hardware reduces ongoing maintenance, with fewer parts to service and support.
- **More efficient system expansion:**
Supports a simpler path for adding OP Pro or OAS across surface mining fleets.

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



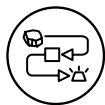
Drill & Blast



Load & Haul



Survey &
Monitoring



Processing



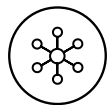
Reclamation



Safety



Autonomous
Operations



Insights

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