



TIMing AWARE

3D Mine Management at Your Fingertips.
Anywhere. In Real-time.

TIMing AWARE is the industry's most advanced digital twin of the mine. Monitor mine operations in real time, delivered in state-of-the-art 3D visualisation on any device to anyone, anywhere in the world! **This is Mining 4.0, delivered.**

Key Benefits

TIMing AWARE will boost your people's performance, processes, and practices with better decision making based on real-time situational awareness and global collaboration.



Improve Mine Plan Compliance

With live updates of moving equipment and personnel, and surface updates every 15 minutes, **TIMing AWARE** improves your mine plan compliance by up to 10%.

Increase Haulage Fleet Speed

Improve the average speed of your hauling fleet by up to 4% by monitoring deviations from the speed benchmark, visualising road quality, and by receiving congestion alerts.



Increase Processing Plant Performance

Improve Throughput & Recovery by delivering critical information to the processing plant. Anticipate changes in the feed blend and prepare the process in advance.

Reduce People On-Site

Reduce unnecessary personnel at the mine through live updates of your operational equipment and shift progress. Bring live information to your team wherever they are.



Features

This is the future of mining. **TIMing AWARE** will help you to monitor and manage your operations remotely with a set of innovative features.



Real-Time Mine Visualisation

Monitor mining activities and production in real-time. Identify the current diglines and any bottlenecks. Locate loading and hauling units and monitor their operating KPIs in real-time. It's just like being at the mine lookout, but from anywhere.



Live Mine Plan Compliance

Visualise real-time deviations and compliance to the mine plan. Identify where you need to dig to comply with the plan, involve your team and IROC, then enable Short Interval Control practices.



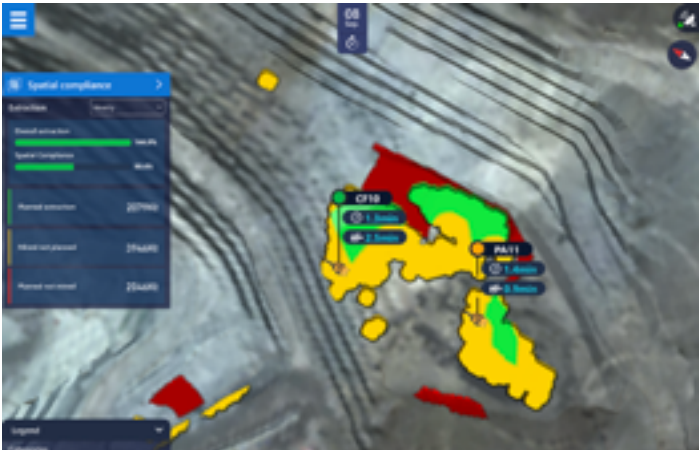
Block Model Visualisation

Monitor the grade and distribution of the blocks around your loading equipment through state-of-the-art 3D projections. **TIMing AWARE** shows you where you've mined, and where to dig next.



Hauling Speed Improvement Tools

Keep an eye on haul speed and cycle times. Identify where your trucks are stopping through auto detection of congestion hotspots, and where your operations are slower than expected.



Continually Updated Terrain

Advanced algorithms deliver a 3D representation of your mines surface. Updated every 15 minutes with the latest information, operators and planners get a bird's eye view of the current state of the mine from anywhere.



Global Access On Multiple Devices

Are you working from the pit, the office, home or an IROC? Access live information from the mine, including status and performance, straight to your tablet, mobile device, or computer.



Drilling Process Status

Examine the drilling inventory and plan compliance in real-time. Assess where extra drilling is required to be on time for blasting procedures across the entire mine site.



Navigate Back In Time

Easily navigate back in time day-by-day to better understand what happened on your mine site at any stage over the course of the past 7 days.

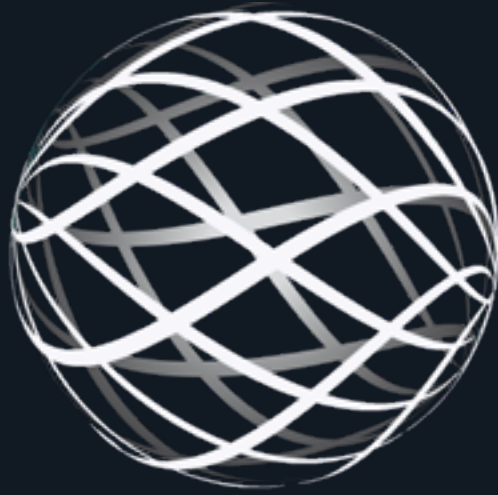
Want to learn more? Request a demo with our team!

Email: contact@timing.com

Phone: +(27) 82 903 4972 to speak with one of our experts.

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