IVOLVE

know more. achieve more.

simple.

MINE4D
mining made simple

Transforming real-time machine data into valuable insights.

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iVolve® is an Australian company that provides technology and tools to small to mid-tier miners and contractors, which enables them to ramp up their efficiency in an increasingly competitive market. Our ability to access real-time data from mobile assets allows our customers to make informed decisions in both day-to-day operations and strategic planning.

iVolve Mine4D® extracts, records, and presents crucial operational data for the monitoring and management of a mining fleet, which enables people at all levels of the mining operation to have the necessary knowledge to support smart decisions.

iVolve focuses on how to add value for customers through the access to real-time data. By taking the time to understand our customer's pain points it is simple to see where iVolve can add value. Success for our customers means success for iVolve.

KNOW NOW

Real-time information facilitates quick decision making as a business driver of value for industrial technology. Downtime is a natural enemy of productivity, especially if unscheduled.

Insights from real-time machine dada via alerts and dashboards gives the operator and supervisor time to make good decisions. Seamless shift changes, where no manual administrative tasks are required, allow the pace and momentum of each site to continue.

THOSE WHO KNOW, WIN

Confidence comes from data you can trust.

iVolve delivers you data direct from your equipment, presented in a way that works for you to aid your understanding of where there are opportunities for improvement.

iVolve presents **your data, your way.**

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TAKE CONTROL

iVolve understands the pressure onsite, and knows it is impossible to be in two places at once and that not everything goes to plan.

Take control and stop flying blind with iVolve's user tools: iControl®, and iReport.

iControl, a map based visualization tool, displays all enabled assets and their data in real-time.

iReport delivers instant scheduled reports whenever and wherever you are.

This gives you the power of real-time updates so you can make informed decisions and act immediately.

SIMPLE

iVolve Mine4D has been deployed in a number of languages, at both ends of temperature extremes, in the harshest environments around the world. From installation through to post event diagnostics, iVolve's solutions focus on a **simple user experience**.

The clean yet powerful user interface at both an operator and supervisor level, has made implementation quick and adoption easy. This focus on simplicity carries through to the system maintenance ensuring low cost of ownership.

FREEDOM TO CHOOSE

iVolve Mine4D has been uniquely designed to be OEM agnostic, giving you the **freedom to choose the machine you want** to do the job on your site. Our customers have the security of knowing that we work with the biggest names in heavy equipment to provide a seamless, integrated implementation site-wide. Taking this one step further, you then have the ability to operate your solution independently or interface directly to your existing back-end corporate systems.

KEEP AN EYE ON COSTS

The costs and risks associated with fuel, tyres, operators, fleet maintenance and water are the lar4gest costs on industrial sites. With dump truck tyres tipping the $50,000 mark, **early detection** of issues can dramatically reduce costs and downtime. Know now so that you can predect the future and act before it costs you more.

Production

Monitor and record each step of the haul truck load cycle & provide real-time feedback to loader operators.

- Optimise truck loading
- Optimise circuit operation
  - fix over/under trucking
  - Easily adjust truck paths/timing
- Improve labour efficiencies
- Communicate with operators directly

- Save time on data collection
- Improve accuracy of data collection
- Early intervention of mistakes
- Optimise vehicle utilisation
- Easily locate vehicles and operators

Maintenance

Interface to onboard vehicle management systems for real-time equipment health data.

- Easily identify vehicle issues
- Monitor & manage machine abuse
- Monitor & manage overloading
- Log details of Prestarts for action
- Extend component life
- Increase availability of equipment
- Communicate with operators directly

- Save time on data collection
- Improve accuracy of data collection
- Minimise unscheduled downtime
- Identify equipment problems before failures arise
- Early intervention of mistakes
- Easily locate vehicles and operators

Guidance

Combines the benefits of real-time operational data with the precision of advanced machine guidance.

- Compliance with design surface
- Improve payload distribution
- Improved dig location accuracy
- Increase truck productivity
- Improved material management

- Easily manage design files
- Lower dilution
- Move material once. Reduce rework & rehandle
- Faster/more precise execution
- Improve process efficiencies
- Better road design execution allows for maintained speeds
- Reduce wear and tear on equipment (tyres/ suspension)

- Operate vehicles safely with precise knowledge of component position and vehicle location

Proximti

Enhanced situational awareness for operators of light and heavy vehicles.

- Operators work efficiently with the confidence in knowledge of their surroundings
- Reduce incidents for increased productivity
- Easily report on incident investigation

- Easily investigate incidents

- Provide visibility of surroundings to operators
- Knowledge of small vehicles and personnel working beside large fleet
- Alerts for keep out zones and speed limits

Do More

Save Time

Work Safe

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