

## Mining Fleet Series.



**Shovel** is the latest high precision GPS navigation system for loaders, excavators and shovels. With accurate navigation (to the bucket teeth) **J<sup>2</sup>shovel** improves bench elevation control, reduces dilution and decreases labor and rework

### KEY FEATURES

- Unified Hardware Platform
- Accurate GPS control
- Ore block recognition
- Dynamic reconciliation of all planned & mine production
- Create plans in the field
- Health monitoring
- Real-time feedback
- ETA graphic displays of truck movement
- Alarms and safety



**Drill** can measure what the human eye can't, enabling your operators to drill accurately in the right position and to the correct RL the first time, every time. Accurate, high precision GPS navigation, coupled with real-time sensor feedback empowers site personnel to make informed decisions on management, production performance, operator performance, planning and consumables.



**Dragline:** To operate a dragline productively on a mine site, bucket weights, cycle times, swing numbers and where to dig and dump are all vital statistics. They must be accurately, consistently and instantaneously relayed in a manner that is usable and understandable. Dragline excels at this, providing three dimensional, high precision navigation for less re-handling, less stripping and more coal. A dashboard per dragline with instantaneous information relay ensures real-time operational data. Specialized reporting enables efficiency monitoring, production prediction and trend establishment over the short and long term. The platform for draglines is the industry's best solution made even better - offering benchmark fleet management and high precision guidance that ensure the best return on some of your mine's most valuable assets.



**Dozer** optimizes productivity by providing operators with an easy-to-visualize design plan and instantaneous feedback on a range of parameters. J<sup>2</sup>dozer eliminates the need for grade staking and survey crew; reduces machine hours by reducing re-handle and minimizes operation costs