

FATIGUE MANAGEMENT

REDUCE INCIDENTS BY ADDRESSING THE DANGERS OF FATIGUE.

Often a problem that goes unnoticed, operator fatigue is the root cause of many mine site accidents. The Cat® Fatigue Risk Management System provides advanced fatigue detection technologies, along with multiple levels of training and safety education. It's a comprehensive approach that helps you address fatigue-related issues that most likely extend beyond your mine site boundaries.

FEATURES

- **Cat Driver Safety System (DSS)** employs special in-cab cameras to track operator eye and head movements for signs of fatigue.
- **Vibration and audio alerts** make equipment operators aware of fatigue and distraction events.
- **Fatigue Risk Assessment** works with leadership to collect data from technologies such as Smartbands, the Fatigue Avoidance Scheduling Tool and the Driver Safety System to develop a plan to eliminate incidents and distractions.
- **Customized reporting and analysis** lets you monitor events across your site 24/7 and take targeted corrective action.
- **Live remote monitoring service** alerts site foremen when events are detected so they can take immediate action.
- **Fatigue Intervention Plan** identifies steps you can take to mitigate fatigue and distraction risks across your operation.

BENEFITS

DETECT eye and eyelid movements, even through sunglasses, with Cat DSS.

RELY on hardened cameras and hardware built for mine site applications.

IMPLEMENT training and education programs customized for your needs.

BOOST productivity with improved operator performance and machine availability.

MONITOR both eye and head movement for more comprehensive analysis.

EQUIP virtually any machine on your site, regardless of manufacturer.

ENHANCE awareness of offsite behaviors that contribute to fatigue on the job.

ALERT operators when they show signs of drowsiness or distraction.

UTILIZE optional Cat dealer monitoring services to reduce your work load.

CONTROL costs by reducing accidents, machine damage and lost-time injuries.

For more information, go to www.cat.com/minestar or contact your local dealer.