

INVESTING IN SAFETY

REDUCING COST WITH PREVIEW® IS NO ACCIDENT

Proudly developed by:

PRECO
ELECTRONICS

- ▶ Proximity Detection Solution
- ▶ Protects life and property



Do you know how much it costs your company when you lose a piece of machinery due to even a minor accident? The costs can be exorbitant, and you cannot make up the loss of revenue if you are in a 24/7 mining operation. A recent accident in a coal mine shows how quickly the costs will add up:

THE INCIDENT

An above ground coal mine running a 24/7 operation was using a new shovel to load haul trucks from both sides in a coal seam extraction process. As one of the haul trucks was reversing into its load position, the operator misjudged the clearance the shovel would need to swing to load the truck on the opposite side. When the shovel made its swing, the reversing haul truck made contact with the back end of the shovel causing serious mechanical and electrical damage to the shovel. The result was 9 days of downtime for the shovel and the support vehicles, including 6 haul trucks, a dozer, and a road grader. Luckily, nobody was injured, but the costs of downtime and loss of revenue were felt throughout the company (see side panel).

THE SOLUTION

Today PreView® Radar is installed at the mining site. Now, the shovel operator receives an audible and visual notice about the approximate range of an object in his swing radius. The result has been a zero-accident rating for the equipment that has the PreView Radar solution installed.

For a fraction of the cost incurred in this one incident, all of the vehicles that were taken out of commission due to this accident could have been fitted with PreView.

Be smart, be safe, and be proactive. Find out for yourself how PreView can save your company the financial, physical, and emotional toll of these avoidable incidents.



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Visit www.aps-supply.com or email sales.apsa@aps-supply.com to find out how you can start a pilot project today.

THE BOTTOM LINE

The costs for this minor accident without injuries:

Shovel	\$816.00
Truck	\$272.00
Dozer	\$306.00
Loader	\$306.00
Total Hourly:	\$1,700.00
Hours Down:	x 168
Total:	\$285,600.00
Physical Repair:	\$200,000.00
Accident Cost*:	\$485,600.00

Downtime per hour in US currency:*

Each vehicle listed above could be fitted with PreView for a fraction of the cost and the accident would have been avoided.

*Estimates provided by a 24/7 coal mine. No injuries or litigation costs are included.

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