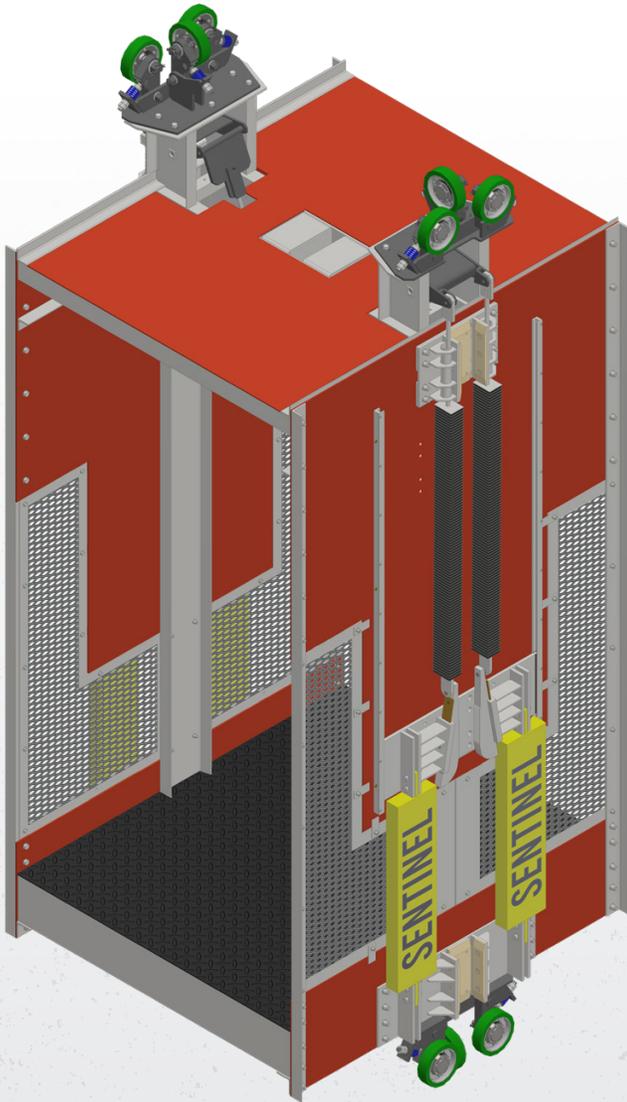


SENTINEL



- Sentinel keeps miners safe in the event of a cage rope severance or a slack rope condition.
- Sentinel provides safe deceleration as the cage is arrested and supported until the occupants can be safely evacuated.
- Deceleration rates provided exceed some of the world's most stringent free fall test requirements.
- Deceleration rates between 0.9 and 2.0 G's in free fall tests comply with Ontario, Canada Mining Regulations.
- Sentinel is designed to operate on steel shaft guides.
- Tried and trusted technology:
 - First stage activation makes use of a conventional drawbar system commonly utilized in mine cages in North America. Spring-activated wedges grip the steel guides; preventing the cage from going into a free fall.
 - The second stage provides the safe deceleration for the cage occupants through the consistent relationship of energy absorbed, stroke, and design reaction force using Technogrid® impact energy absorbers. Technogrids® are strain energy absorbers and do not rely on friction removing an uncertain variable in wet and dirty mine shafts. Designed to deploy when a dynamic incident occurs, Technogrids® used in the Sentinel System are designed to accommodate static loads for required testing.
- Sentinel is a simple, purely mechanical system with few moving parts. The result is a dependable, low-maintenance cage arresting system for use on steel shaft guides.

Sentinel: Keeping Watch. Ready When Needed.