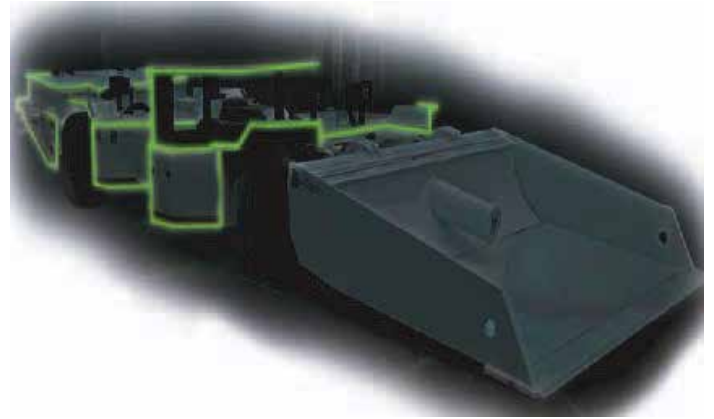


ACTIVE VISIBILITY SYSTEMS

For Machinery

The Machinery Active Visibility System outlines commercial and industrial equipment to enhance its visibility and improve safety. Side emitting optical fibers provide a non-electric, highly durable illuminated contour pattern allowing for immediate identification of the equipment. A study conducted by the National Institute of Occupational Safety and Health (NIOSH) revealed a significant reduction in reaction time with the use of this technology. The RSL system is licensed by NIOSH and the light engine and cable are approved by Mine Safety and Health Administration (MSHA) for use in permissive and non-permissive environments.



Machinery Visual Warning System on a mining scoop. Inset: light engine powers side-emitting fiber used to outline worksites.



Personal Active Visibility



Personal Active Visibility Suspenders

For Personnel

Personal Active Visibility Gear make personnel more visible by incorporating side emitting optical fibers into suspenders, safety vests and life jackets. Unlike other passive safety vests that rely on reflectors, the RSL safety garments are actively illuminated. The light engine is powered by a small LED with a 50 hour battery life. The light engine and fiber cable is fully submersible. In addition, light existing the fiber end illuminates the ground to help prevent trip and fall accidents.

U.S.C.G. approved flotation devices equipped with RSL's waterproof active visibility technology are perfect for nighttime boating activities.

The Personal Active Visual Warning System light engine is approved by MSHA for use in both permissive and non-permissive environments.

Features

- Makes machinery and personnel more visible to improve work area safety
- Rugged, flexible, non-electric lighting contour
- Machinery Active Visibility System:
 - Easily retrofitted to existing industrial and safety equipment
 - Eliminates inadvertent equipment shut down caused by electronic proximity sensors
 - NIOSH licensed
 - MSHA approved light engine and side emitting fiber cable
- Personal Active Visibility Gear:
 - 50 hour battery life
 - MSHA approved light engine
 - Fully submersible



Rugged and Durable Lighting and Safety Products

RSL Fiber Systems is the leader in advanced fiber optic lighting, illumination and safety systems for military and commercial applications. In close collaboration with customers, RSL has earned the reputation for developing and effectively implementing new products that provide practical, cost saving, safety-enhancing solutions.

Our Commercial Products Include:

- Inherently safe fiber optic methane detection and temperature monitoring systems
- Machinery and Personnel Active Visibility Systems
- Machinery remote health monitoring systems
- Lighting for explosive areas

Innovative solutions for the most complex, demanding illumination and safety applications.....

... That's RSL Fiber Systems

United States

Giovanni Tomasi
(860) 282-4930 ext. 4929
gptomasi@rslfibersystems.com



Sue D'Amico
(860) 282-4930 ext. 4946
sddamico@rslfibersystems.com

Australia

Raoul Tomasi
+61402645934
rtomasi@rslfibersystems.com

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