

# CABLE SYSTEM VS. ANCHOR TRACK™ SYSTEM

## Choosing a Fall Protection System

Buying a fall protection system is not always simple. Although many fall protection solutions are available, safety professionals investing in a fall protection system must choose the right system for their specific application. If it has been determined that a horizontal fall arrest system is required for an application, buyers have two options. They can choose a system that is flexible like a cable system, or they can choose a rigid system like a Rigid Lifelines Anchor Track System.

## The after the Fall Requirements

### Wire Rope System

- System must be tagged out
- Manufacturer may recommend replacing all rope
- Must replace components damaged in fall
- Must replace shock absorber
- System must be retensioned by a competent person or certified installer
- System must be recertified by a competent person, certified installer, or qualified engineer

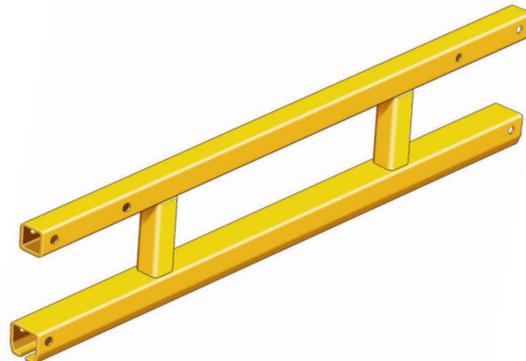
### Rigid Lifelines' Anchor Track System

- After a competent person inspects the system using the inspection checklist, the system can be used immediately

## What They Didn't Tell You

In the event of a fall, wire rope systems impose horizontal forces on structural supports that were only designed to support vertical loads. Many newer buildings utilize a structure that cannot support additional horizontal forces without reinforcement. Reinforcement will cost time and money for engineering inspection, engineering of reinforcing steel, welding, and labor.

Simply stated, the cost of a wire rope system is significantly higher than anticipated. Rigid Lifelines' Anchor Track Systems eliminate hidden costs because our systems only impose vertical loads. Because structures are commonly designed to accommodate extra vertical loads due to natural events, such as snow, our track can be mounted to existing structures without requiring reinforcement.



**Still not convinced? →**

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## Rigid Lifelines Anchor Track System Benefits

### Decreased Fall Distance

- The distance to the fall-arresting point on a wire rope system can be significant. For example, if you are working on a tanker or railcar and fall on a wire rope system that is 40 feet long, the deflection distance of the cable, the 42-inch SRL payout, and the tightening of the harness means that the fallen worker **may fall seven to eight feet** before he or she comes to a stop. A seven to eight-foot fall means that the worker will be subject to many injuries: hitting the side of the truck or railcar, hitting metal outcroppings and ladders, or worse, hitting the ground.
- Rigid Lifelines' Anchor Track Systems do not deflect downward during a fall event like wire rope or cable systems. Because our systems do not deflect, fall distance and fall forces are dramatically decreased. Decreased fall distance both minimizes injury and increases self-rescue capability.



### Less Maintenance

- Rigid Lifelines' Anchor Track Systems utilize our enclosed track design. Our enclosed track is virtually maintenance free compared to the re-tensioning, oiling, and lubricating required for wire rope systems. Our "V-shaped" profile prevents dust and debris from accumulating inside the track. By keeping the inside of the track clear, the trolley can glide effortlessly through the track, making our track perfect for indoors or outdoors.

### Prevention of Downtime

- Rigid Lifelines' Anchor Track Systems prevent workplace downtime by allowing workers to return to their job after a fall event. Wire rope systems require tagging out after a fall, parts replacement, and recertification. A serious injury could mean days or months away from work and workers compensation claims. Because Rigid Lifelines' Anchor Track Systems minimize injury, work absences and injury claims can be avoided.

### Ease of Movement and Passability of Workers

- Rigid Lifelines' enclosed Anchor Track utilizes a nylon wheel and bearing design to reduce friction between the track and trolley. Rigid Lifelines' systems are hands free and designed so that the trolley follows the worker overhead at all times. There is no need to pull it through a splice or support location. In fact, our systems provide easier movement by allowing passability of workers, meaning workers can use the same system independently.

**Contact a Rigid Lifelines' technical sales specialist for more information**