The fall protection industry’s standard of excellence is **Flexible Lifeline Systems**. What that means for you is access to the best products and the leading experts when it comes to the specific fall risks faced by workers in the bulk loading industry. Whether servicing railcars or trucks, Flexible Lifeline Systems are designed and installed to be user-friendly and non-intrusive while providing continuous, complete and uncompromising safety.

FLS offers every variety of fall arrest system for the bulk loading industry, from economical cable-based systems to FlexRail to mobile access platforms to truck tarping systems. We take into account your unique requirements and assist you in making the optimum choice for your particular application. As a turnkey provider, we design and install all options of fall protection, without bias. When you partner with FLS, the ultimate result is a system your workers will use without hesitation, because it keeps them safe without interfering with their jobs. And a safe, confident worker is a more efficient worker. That’s why our clients say:
“Flexible Lifeline Systems has provided us with excellent service and a top notch fall protection system.”

Paul Meyenberg,
Saint-Gobain-Vetrotex America
From our first meeting to your system certification, one project manager will have total responsibility and accountability for your project, guiding it every step of the way.

Consultation and Site Assessments
FLS fall protection specialists are uniquely qualified to identify fall hazards at your site and are always available for consultation.

Engineering Site Visit
Upon award of the project, Flexible Lifeline Systems will perform an engineering site visit to obtain site-specific measurements in order to form the basis of the design of the system and for preparation of plans and drawings.

System Design
Our professional engineers will work hand-in-hand with your staff to design systems in accordance with stringent specifications and in compliance with all local and federal regulations.

Fabrication
Our in-house fabrication facility and quality assurance programs ensure strict adherence to procedures, specifications and full material traceability. A Flexible Lifeline System is a quality product.
**Installation**
FLS offers a full range of installation options – no one-size-fits-all approach for our clients. Again, our engineers consider every aspect of your facility’s size and configuration. The rigorously trained FLS installation team implementing your design will leave you with a system custom-made for your individual needs.

**Certification**
Your FLS system is certified and comes complete with a *Use, Care and Maintenance Manual*. This comprehensive document contains the design basis, calculations, drawings and technical specifications for your system.

**Training**
FLS instructors are available to train your staff at your site or at our fully equipped facility in Houston, Texas. From a four-hour Basic Fall Protection Course to our 40-hour Qualified Person Course, FLS will tailor a training program for you.

**Service & Cost**
FLS provides a full menu of inspection and service options ranging from emergency call-out service to five-year maintenance contracts. Piecemeal competitors can’t compare with FLS’ turnkey costs and services. With a quality system and more productive workers, your bottom line will quickly show that *FLS Works!*™

“**The entire staff at FLS is great. They provide outstanding service and do an outstanding job.**”

Sean Sandwell – Azteca Milling
“Flexible Lifeline Systems has provided several systems at our facility. They are our go-to source for all of our fall protection needs.”

Kevin Mahan, CertainTeed Gypsum
The **Single Span & Multi Span Flexible Lifeline Systems** are used to access the entire length of one or more railcars/trucks. This cable-based system is capable of single spans of up to 200 feet as well as unlimited lengths with pass-through capability.

### Single Span Systems

Single Span Systems are economical, cable based, stainless steel fall arrest systems providing fall protection for up to three users for 200 feet.

### Multi Span Systems

Featuring a patented overhead shuttle, the system allows a user to travel unlimited lengths, hands-free, without having to disconnect from the system.

### All Bases Covered

Thanks to FLS’ flexibility, our engineers are able to develop and install both Single and Multi Span Systems that accommodate all your protocols. With these systems, multiple workers have the ability to safely and efficiently access the entire length of any truck or railcar.

- Optional Bypass Capability - Using parallel systems, with each user on their own system, multiple users gain the added benefit of bypass resulting in increased safety and productivity.
- 100% fall protection for multiple users.
- 100% durable marine grade stainless steel.
- All components serial numbered.
- Built-in user friendly tension indicator.
- In-line energy absorber to reduce end loads.
- All weather use so your workers can stay on the job.
No More Ice and Snow Build-Up
FlexRail’s enclosed track completely eliminates snow or ice buildup, providing unprecedented ease of movement when you need it most – on that icy railcar or truck.

No More Dust and Debris Buildup
Another benefit of FlexRail’s enclosed track is the elimination of debris build-up, giving you maintenance-free systems even in dusty, dirty environments such as grain facilities. Completely eliminates debris falling into your railcar or truck, contaminating your load.

Ease of Use
The system is completely hands-free, allowing the employee to concentrate on the task at hand. Due to the 1:100 movement-to-weight ratio, the retractable lifeline remains directly overhead at all times, eliminating the possibility for an in-line swing fall.

Future Expansion
The modular style makes it easy to add sections when you expand your capacities.

Affordability
Combine a competitive initial cost with minimal ongoing maintenance, increased productivity and peace of mind, and FlexRail Systems may well be the choice for you.

Reliability
FlexRail gives you year-round capacity – all environments, all climates.

Optional Bypass Capability
With this option, multiple users gain the added benefit of bypass.

Durability
All structural components are hot-dipped galvanized or coated for added durability and corrosion control.
“FLS strived to establish a strong, long-term relationship. Their customer service was top notch and all promises were fulfilled. It was a pleasure working with them and I would recommend them.”

Andrew Messieha - Marathon Oil
“The Flexible Lifeline System has been an easy-to-use, reliable system for us. The system is operator-friendly as opposed to other systems that actually discourage operator use.”

Robert Martinez - Exel Logistics
Single Pedestal FlexRail
The Single Pedestal FlexRail System combines the FlexRail System with a single column and pier. It is ideal for congested areas where multiple pedestals would interfere with traffic flow.

Access Stairs and Platforms
The systems are available with a stair and access gangway to provide safe and easy access.

Attaches to any Structure
FlexRail systems can be custom-manufactured to attach to any structure as needed. While this is ideal for low overhead applications, the low weight-to-movement ratio means high overhead systems are feasible even with the longest retractable lifelines.

FLS’ safety industry experts’ comprehensive understanding of the multiple connection and span options available makes attaching FlexRail to any structure possible.
“A word of appreciation to Flexible Lifeline Systems for providing a first class fall protection system for our rail maintenance facility. The cooperation extended from office personnel to installers made possible the construction of a facility that will serve ExxonMobil for years to come.”

Ron Broussard - ExxonMobil
**Scenario:** It’s an icy day, the wind is blowing...hard. You have to get up on that railcar to sample the contents. You must trust your fall protection system to protect you even in the most inclement conditions and environments. **As our customers in the Arctic Circle know**

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**Long Span Capability**

The patented Twin FlexRail system (PATENT D605,825) can have 100’ spans between supports and 30’ cantilevers past end supports, resulting in fewer obstructions in your facility.

**Curves**

The Twin FlexRail System can be designed to accommodate curved rail sidings, providing complete coverage of all of your railcars.

**Bypass Capability**

Two individual enclosed tracks provide bypass capability. With each user on their own enclosed track, multiple users gain the ability to pass each other resulting in increased safety and productivity.
“I admired FLS’ great communication and that they were able to complete the project in a safe and timely manner. FLS is an excellent turnkey company to work with.”

Tyler Zeto - Cargill
**Truck and Railcar Loading Racks:** FLS provides a full line of access platforms and gangways, from single access platforms to multi-station loading systems.

**Single Hatch Access Platforms**
Can be outfitted with a large variety of gangways and safety cages to fit your needs.

- Single or double-sided station access.
- Available in three heights for tank truck and railcar access.
- Features a 4’ x 6’ platform with a work surface customizable for your application.

**Tracking Gangways**
Operates with a movable mount that allows the gangway to move along the platform.

- Provides virtually unlimited access to one or multiple vehicles.
- Designed with swing gates on the track opening to provide safe gangway access.

**Multiple Hatch Access Platforms**
Includes optional canopies for weather and product protection.

- Single or multiple access and egress paths.
- Easily integrated into current site equipment.
FLS provides a full line of multi-modal and full vehicle enclosure systems.

Elevating Access Platforms
- Elevating platform provides fast, easy working height adjustment.
- Self-leveling gangway provides safe access to the platform at any height.
- Optional flip-up floor panels allow full access to vehicle, virtually eliminating spotting problems.
- Multi-modal safety enclosure is the only system that services different bulk loading carriers – of varying heights and styles – from one location.
- Complete 42-inch-high handrail system creates a safe working area in almost any weather or environmental conditions.

Safety Enclosures
- Customized to meet your requirements, from a small, single hatch access system to full truck or hopper car enclosure.
- Surrounds the top of the vehicle being accessed, providing excellent fall prevention.
“FLS resolved an ongoing safety issue with our refinery catalyst loading dock. Prior equipment designs were not user-friendly and avoided by workers. FLS developed an easy-to-use overhead system that doesn’t hinder personnel. Practical solution for fall protection is what FLS delivers.”

Kim Matherne - Hovensa Refinery
Sustaining a fall while tarping flatbed trailers can be life threatening. FLS is the world leader in manual and automatic safety solutions for flatbed truck access.

FLS provides simple to use, cost effective solutions to keep your operators safe while making your process more efficient.

When you purchase a Tarping System from FLS you get:

- A complete turnkey solutions provider.
- The assistance and guidance of our design force to help you come up with the perfect loading site for your application.
- Flatbed trailer platforms that allow drivers to get on and off of vehicles quickly and easily for sampling or securing loads.
- A flatbed tarping system that not only provides a safe way to access the trailer bed, but also provides for quick and easy tarping of the load.
- On-site safety inspections and project walk-throughs to help you design the solution for your budget and situation.
The FLS Powered Tarping System automatically tarp flatbed trailers.
The operator simply connects the tarp to the spreader bar and guides it down the length of the trailer via the powered winch. The need to climb onto the trailer bed is eliminated.

Features:
- Available in a variety of construction materials.
- Designed as either a free-standing unit or attached to your existing structure.
- Optional platform and stairs available to provide safe access to sides of trailers.
- Industrial strength electric winch that picks up the tarp and pulls it the full length of the trailer.
- Power cable that is kept taut via a tension reel.
- Track designed to be longer than your trailer, making tarping an out-of-position flatbed possible.
- Spreader bar that attaches to the tarp via two clips, making set-up fast and easy.
- Hand-held remote that operates the winch with a simple touch of a button.
FLS provides the safest solutions for mobile access to tank trucks or railcars. Our OSHA-compliant systems are available in lightweight aircraft aluminum or heavy duty galvanized steel. The FLS Mobile Access Platform features a rugged basic winch and zinc-plated steel

Options for Mobile Access
Platform Systems:

Platform Assembly
Large 54-inch unit can be customized by adding corner sleeve mount and pair of corner extension arms with adjustable screw legs for stability.

Fold up Mast
Designed for general confined space entry/retrieval applications.

Adjustable Step-up Extension
Ideal for simple inspection and minor maintenance tasks. Extends from 28 inches to 42 inches, and is recommended for use with the FLS guard rail cage or tie-off post.

Side Moving Wheel Kit
Your MAP will gain mobility by adding the side moving wheel kit, complete with a pair of durable urethane wheels.
Fall Arrest Tie-off Post
An anchor point with an 1800-pound-proof load that allows you to use SRL blocks and other shock absorbers with a MAF rating of 900 pounds.

Guard Rail Cage
Five-foot cage protects your worker and comes with two outriggers equipped with non-slip rubber foot pads for extra stability.

Fall Out Bar
Designed to fill the large gaps under the guardrails. Bar is positionable, and mounts quickly and easily onto the guardrail cage. Adjusts specifically to your application needs.

Trailer Hitch Attachment
Transports your unit easily.

Additional Screw Legs
Will add stability and lock the Mobile Access platform in place. Choose the 12-inch set for the urethane wheel kit, or the 18-inch set for the pneumatic wheel kit.

Upper Platform Handrails
A final option for added safety.
Focus
Our sole focus is innovative fall protection systems. We design and engineer fall protection. Period.

Experience
FLS has designed and installed more fall protection systems in more applications and industries than any other fall protection system contractor.

Professional Engineers
FLS’ Registered Professional Engineers are highly experienced in the loading characteristics of fall protection systems.

Multiple Solutions
FLS provides multiple proven solutions for each application.

Turnkey Service
FLS has built its reputation through the self-performance of all phases of fall protection installation including engineering, fabrication, installation, certification and training.

Because **Flexible Lifeline Systems** sets the global standard for fall arrest solutions.
That's why businesses concerned with safety and productivity know

**Knowledgeable Systems Specialists**
FLS’ Systems Specialists are the most highly trained and knowledgeable sales force in the fall protection industry. Think of your Systems Specialist as your own personal fall protection consultant.

**Quality Assurance**
Our uncompromising QA Team guarantees *FLS Works™* exactly as planned on every installation. We utilize ISO 9001:2000, API Q1, 7th Edition, and ISO/TS 29001:2003 systems which are designed to the highest standards of ongoing quality assurance. Our QA policy is simple; always meet or exceed our customer’s requirements and the highest recognized industry standards. No exceptions.

**Satisfied Customers**
Our clientele includes a wide range of industrial companies, military organizations, architects, engineers and contractors who come to us, not only for product knowledge, but for design and technical assistance. We pride ourselves on excellence - supplying proven solutions, technical services, and extensive industry experience. *FLS Works™*