The fall protection industry’s standard of excellence is Flexible Lifeline Systems. What FLS means for your business is access to the best products and the leading experts when it comes to the specific fall risks faced by industrial workers. For applications from shopping centers and billboards to bridges and dams, FLS delivers worry-free systems with turnkey service.

From design through implementation, FLS delivers worry-free systems with turnkey service. Every fall arrest system application is unique. Our comprehensive range of products stand up to the most challenging environments. FLS offers custom design service, ensuring that worker safety at height can be protected in any situation. Our awareness of fabrication and construction techniques – in concert with our specialized knowledge of fall arrest systems – ideally positions us to develop ideas from the earliest design and planning stages through long-term operation and maintenance. FLS is the total turnkey provider of innovative industrial fall protection solutions.
“All Flexible Lifeline Systems personnel were experienced and professional. Great products and great people.”

EFW – Land O’ Lakes
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!*™

“We appreciate your responsiveness. The Systems Specialist is a great representative for FLS.”
Rob Baker - TEG3
“All FLS personnel were experienced and professional. Great products and great people.”

David Cox - Simpson Strong Tie
FLS systems for billboards and towers offer outstanding fall arrest protection. The inherent flexibility of our design allows a system to be easily installed while following the complex contours of these structures, including horizontal and inclined sections.

**Tower Applications**

FLS’ unique cable based systems designed specifically for the utility and telecommunications industries are suitable for installation in all environments and can be installed on all types of steel lattice structures and towers, masts and monopoles. Operation is not affected by snow, ice or adverse weather conditions.

Unobtrusive, lightweight and flexible, our Fall Protection Systems can be retrofitted to existing towers or installed as part of a new build program. The systems will support up to four workers on a single line and allow continuous hands free protection.

**Horizontal Applications**

FLS cable-based fall arrest systems consist of a wide range of solutions for billboards, poster boards and other outdoor advertising applications. All products meet or exceed applicable OSHA, ANSI and CSA regulations, and are manufactured from the highest grade materials to ensure longevity and minimal maintenance.
Accessing overhead cranes and their associated rails and runway systems for inspection and maintenance always presents fall safety challenges. FLS has a wide range of experience installing both single-span and complex multi-span crane rail systems.

**Continuous Safety**
Our crane rail systems can attach at a single point and, with the use of turntables and corner brackets, access unlimited bridge cranes without ever having to detach.

**Single-Span**
The Single-Span System consists of a single cable line with 2 anchor points.
- Capable of Single Spans over 200 feet
- 100% durable marine grade stainless steel
- All Components serial numbered
- Built-in user friendly tension indicator
- In-line shock absorber to reduce end loads
- 100% hands-free
- Stainless Steel for all weather use

**Multi-Span**
The Multi-Span Horizontal Cable System connects two or more single span systems. It accommodates horizontal, inclined and curved requirements. Unique transfasteners allow a user to travel unlimited lengths without having to disconnect and re-connect to the system. The Multi-Span System includes all of the features and benefits of the Single-Span system along with 100% fall protection for multiple users from the ground up.
“I have been very impressed with the quality of work you provide including the quick turnaround on the engineered drawings, arrival of materials, the systems manual, and organization of your company. I will gladly recommend FLS to my fellow EHS professionals.”

Eric Moser – Royal Development
FLS systems can be found on bridges all around the world. They provide safe and continuous protection while traversing the inclined suspension cables, allowing workers access for regular maintenance tasks such as changing light bulbs and inspections.

**Flexibility**

The inherent adaptability of the Flexible Lifeline Systems design concept is ideally suited to the often complex safety requirements and involved structures of bridges.

For example, on a suspension bridge, a Flexible Lifeline Incline System can be installed to protect workers as they maintain the cables. A horizontal system will make it safe to work on the underside of the bridge, and a vertical system can enable safe access to the towers.

**Built to Last**

The quality materials used in the components of an FLS system are proven durable and reliable in even the worst climatic and environmental conditions. Worker safety is assured because system operations are unaffected by rain, snow, ice or adverse weather.

FLS maintains an ongoing commitment to your personnel’s safety through regular training and inspections of your safety system. With FLS, you have a partner in fall protection for the life of your system.
“It’s great to work with Flexible Lifeline Systems.”

Peter Losh
PCL Construction Services
Flexible Lifeline Systems is prepared and ready to handle your tank safety needs for fixed roof tanks, open top flat bottom storage tanks, fixed roof flat bottom low pressure tanks, silos, hoppers, potable and industrial water storage tanks, and similar structures.

FLS Tank Systems are designed to be user-friendly and non-intrusive while providing continuous, complete and uncompromising fall protection while working at height. 316 Marine grade stainless steel components are used to ensure system longevity and reliability.

**Tank Handrails**
The FlexGuard system provides free-standing, non-penetrating handrails around the perimeter of the tanks or from the access ladder to certain points on the tank. Installations require no drilling or hot work.

**Floating Roof Tank**
FLS horizontal lifelines provide multiple users safe access to the entire perimeter of the tank without detaching. The innovative design eliminates hot work and requires no tank penetration.
**Tank Anchor**
FLS provides a unique tank anchor which attaches to the center access hatch. The anchor provides 360° fall protection on top of the tank. We also provide solutions for all sizes of pipes and flanges.

**Handrail-Mounted Rigid Rail Inclined System**
Many tanks have steep hazardous stairways. FLS provides rigid or cable-based inclined systems to provide fall protection while ascending or descending tank stairs.

**Wingrip**
Wingrip can be used as a single fall protection anchor point or, alternatively, can be connected in series with a horizontal lifeline to cover an entire area. Wingrip provides a totally flexible solution that is quick and easy to use.

“Flexible Lifeline Systems developed good, cost-effective solutions for our fuel tanks and fixed ladders.”
Lee Anderson – Lockheed Martin
“I’d recommend Flexible Lifeline Systems without hesitation.”
Sean Sandwell - Azteca Milling
FLS can provide fall protection solutions for grain silos from the ground up. From vertical systems on the ladders, to single point and multi-span systems on top of the silos, Flexible Lifeline Systems is your total turnkey provider of innovative silo fall protection solutions.

Hazardous Conditions
Silo storage is essential to many agricultural operations, and presents one of the biggest hazards of the industry. People are at risk every year in the process of filling and maintaining silos. When hundreds or thousands of tons of material are stored in one place, safety needs to be a priority. With tower silos in particular, workers are at risk for falls from the ladders and work platforms.

Failure to implement and maintain a fall-safety system for workers while they perform routine regular silo maintenance may cause a fall.

Additionally the highly corrosive environment of silos makes annual inspections of your systems essential to check for deterioration and physical damage.

Fall-Safety Works!
Remember, accountability for farm safety falls to the owner, who ultimately bares responsibility for accidents. In addition, workers who are secure in a proven safety system are more productive.

Contact FLS for professional and complete silo fall-arrest safety.
“The Flexible Lifeline Systems Project Manager had the required traits of a trusted professional.”

Pat Turner - Colortech
Flexible Lifeline Systems for **shopping centers** allow for maintenance on the vast roofs of modern shopping centers and work on the complex contours of older buildings.

**Constant Force Posts**
FLS’s horizontal and inclined systems incorporate Constant Force Post technology which can be applied to virtually every roofing system. In the event of a fall, this system deploys without damaging the integrity of the roof itself.

**Interior Fall Protection**
FLS also specializes in vertical and interior fit systems to maximize safety for window and atrium cleaning needed in retail environments. Internal fixed anchors are placed to follow applicable codes and assure worker safety.

**Skylight**
One of the most often overlooked hazards on a roof are skylights. FLS engineers OSHA compliant solutions that do not penetrate the roof or skylight curb membranes.

**FlexWalk**
FlexWalk systems are ideally suited to be affixed in conjunction with a lifeline fall protection system to provide a designated walkway while reducing wear on the roofing surface.
Whether it entails working on jumbotrons, adjusting lighting or maintenance responsibilities, fall hazards in **stadiums and arenas** pose great risk to personnel. FLS is your total turnkey provider of innovative stadium and arena fall protection solutions.

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**Worldwide Reputation**
With installations across the globe, no firm is more qualified to design and install a stadium’s fall protection systems than Flexible Lifeline Systems. Each of our registered professional engineers have years of experience designing fall protection systems. We understand the challenges faced by rigging and maintenance personnel. Working with arena and convention center owners, managers, architects and engineers, FLS has built their reputation providing the optimum fall protection solutions for both new and existing facilities.

**Optimum Design**
Fall protection solutions for stadium applications can range from providing vertical lifelines, single point anchors, horizontal lifelines, or a combination of these. FLS will make sure the optimal combination of user-friendly systems are implemented to ensure the safety and productivity of your personnel. In the process, we won’t sacrifice the look of your facility. Aesthetics is one of our major concerns when designing fall protection systems to be used in public settings. We ensure that the solutions offered are concealed or visually non-offensive, user-friendly and comply with all applicable codes.
Flexible Lifeline Systems is a valued member of the MSA Engineered Services Program.

Joseph Feldstien - MSA
Recreation industry fall hazards are unique in their nature and not common across most industries. FLS, with its years of experience and a team of highly qualified professionals, offers fall protection solutions for the fall hazards of the Recreation Industry.

Industry Specific Expertise
At Flexible Lifeline Systems we understand that there are vastly different fall safety risks to be solved at any particular recreational venue. With that in mind we provide an extensive site specific analysis of your unique situation and work together with you to come up with a solution that best suits your ongoing maintenance needs.

Custom Solutions
We can retrofit our systems to suit any site-specific application imaginable. Our experience includes the successful implementation of safety systems on cruise lines, throughout amusement parks, and more. We can also design and install temporary, portable systems for construction of any new structure.

Commitment to Safety
Once a concept has been established and engineered to your facilities specific needs, our in-house fabrication and installation team will complete your project working to the highest energy standards.

FLS maintains an ongoing commitment to your personnel’s safety through regular training and inspections of your safety system.
“Great company! I appreciate all the help and look forward to working with FLS in the future.”

Brian Arbogast - Taylor International
Why Choose FLS?

Because **Flexible Lifeline Systems** sets the global standard for fall arrest solutions.

**Unrivalled Experience**

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.

**Industry Best Expertise**

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

**Innovative Solutions**

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.
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!™
MORE BROCHURES FROM FLEXIBLE LIFELINE SYSTEMS™

RAILCAR

AIRCRAFT

ROOFTOP

ENERGY

PRODUCT INFORMATION SHEETS

FREE-STANDING MOBILE ACCESS PLATFORM

MOBILE ACCESS PLATFORM

FREE-STANDING HORIZONTAL RAIL SYSTEMS

TIEBACK ANCHORS

SOCKETS & DAVITS

FREE-STANDING CONSTANT FORCE POST

SKYLIGHT SCREENS

ROOFTOP STEEL POST SYSTEMS

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