



ProjectProfiles

Real-World Solutions Where
Safety Meets Innovation

 **SafeRack** | RELY ON US.



Industrial safety access stairs at a natural gas pump station

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Why customers choose us

Years of Experience. Our team brings extensive expertise in bulk truck, railcar, and marine loading.

Increased Productivity. SafeRack systems enhance safety and ergonomics, increasing loading efficiency.

Better Value. We offer more than just products—our solutions provide great ROI through top-tier service, technology, and design.

Collaborative Approach. We work closely with your operations, safety, and engineering teams to deliver complete safety and loading solutions.

Superior Service. SafeRack prioritizes customer service, offering thorough, responsive support throughout the entire process.

3'x5' truck loading platform
with a GX SAS gangway

Successfully collaborating with SafeRack products

At SafeRack, our approach is simple: put the customer first. Our personalized solutions are designed to maximize safety, efficiency, and productivity, allowing our customers to meet their operational goals while adhering to the highest industry standards. Whether addressing the challenges of marine loading, industrial platforms, or modular systems, we provide innovative solutions that solve problems quickly and effectively.

In this booklet, you'll see how our customer-first mindset, combined with our velocity and commitment to innovation, has driven success across diverse industries such as power generation, oil & gas, chemical processing, aerospace, and more. Each project profile showcases how our solutions help customers overcome unique challenges, increase productivity, and ensure compliance, all while minimizing downtime. We strive to be your trusted partner by delivering the speed, safety, and reliability you expect.



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more examples



Project:
Power plant generating station

Location:
Northern CA

Product:
ErectaStep platform system

Power Generation

Solution:

A Northern California power plant needed a safer, more efficient way for workers to access a generator, especially while carrying tools and small ladders. SafeRack’s team responded quickly, providing an innovative solution that allowed workers to eliminate unsafe step-downs and reduce the risk of a fall. The client appreciated our fast response times and commitment to exceptional, personalized attention throughout the project.

The ErectaStep modular platform system not only improved safety but also boosted worker efficiency, allowing the team to focus on critical tasks without the risk of injury. By prioritizing customer needs and delivering a reliable system with rapid installation, we helped this power plant improve operational safety and reduce potential downtime.



Oil & Gas

Project:
US-based petroleum
company

Location:
Louisiana

Product:
ErectaStep as
scaffolding replacement



Before



ERECTA STEP



Solution:

A petroleum company in Sulphur, LA, had been relying on temporary scaffolding for over a decade to access wastewater valves and pipes on a 12-foot containment embankment. This setup had become a costly long-term solution, with the refinery spending approximately \$10,000 annually on scaffold rentals and an additional \$8,000 for dismantling, rebuilding, and certification when inspections expired. These ongoing expenses and inefficiencies were adding significant costs to their operations.

SafeRack provided a solution, eliminating the need for costly rentals, certifications, and inspections. The modular access system improved safety and compliance while reducing operational expenses. The ERECTaStep installation is expected to pay for itself in under three years, highlighting SafeRack's ability to deliver long-term, cost-saving solutions while improving safety and operational efficiency. This project underscores our customer-first approach by solving complex challenges by enhancing safety and productivity.



Oil & Gas

Project:
Northern Platforms

Location:
Canada

Product:
Railcar access gangways

Solution:
Used to load and unload diesel, these particular gangways track along the loading rack platform to allow them to accommodate the various configurations of railcars that their loading rack can receive.





Oil & Gas

Solution:

A leading midstream service provider sought to improve safety and efficiency at their NGL fractionation loading terminal in Kansas. The facility handles the transportation of hazardous natural gas liquids (NGLs), requiring safe access and reliable handling solutions. We installed new gangways and loading arms designed to maximize fall protection and streamline liquid handling. By eliminating the risk of falls and minimizing downtime, our solutions provided employees with the safety and security they needed to work efficiently.

The project required close coordination with pipe, electrical, and civil engineers to ensure seamless integration and optimal performance at the facility. By providing safer, faster loading operations, our solutions support the company's commitment to conserving resources and protecting its employees, further demonstrating their dedication to continuous improvement and operational excellence.



Project:
Midstream
service provider

Location:
Kansas

Product:
Gangways, loading arms

Oil & Gas

Solution:

A client specializing in petroleum performance-enhancing products for automotive maintenance needed a safe and efficient solution for their railcar unloading terminal. We installed three tracking gangways, each with a pivoting safety cage, to allow safe access to the top of railcars without the need for time-consuming spotting. This solution ensured that the safety cages were properly aligned over railcar crash boxes, preventing hazardous gaps and reducing the risk of falls for workers. Additionally, we integrated a 20-foot Ultratech railcar spill containment system and sump trench to capture and safely manage accidental spills, helping the client minimize environmental impact and recover spilled materials.

We also installed an elevated access structure using the ErectaRack prefabricated pipe rack system. The entire project, completed in just four days, minimized downtime and allowed the client to resume operations quickly. The installation not only enhanced operational efficiency but also provided significant environmental protection. Our innovative solutions increased the client's productivity and profitability, showcasing our ability to deliver tailored, environmentally responsible solutions for the automotive maintenance industry.



Project:
Petroleum company specializing in automotive maintenance products

Location:
Kansas

Product:
Tracking gangways with spill containment, ErectaRack



General Industrial

Before



After



Solution:

At a nitrogen manufacturing facility in Arizona, SafeRack's ErectaStep stair system replaced rented scaffolding used to access valves for maintenance and inspections. This change not only eliminated the recurring costs of scaffolding rentals, certifications, and labor but also significantly improved worker safety and operational efficiency. The facility had been spending the equivalent of the ErectaStep system's cost annually on scaffolding, achieving a full return on investment (ROI) in less than 18 months.

The modular ErectaStep system, made of marine-grade aluminum, provided durable, OSHA-compliant access that eliminated the instability risks associated with scaffolding. Its pre-engineered design allowed for quick and easy installation without welding or special tools, minimizing downtime during the transition. By replacing temporary scaffolding with a permanent, flexible solution, the facility improved maintenance efficiency, reduced turnaround times, and significantly enhanced safety, resulting in long-term cost savings and operational benefits.

Project:
Nitrogen
manufacturing facility

Location:
Arizona

Product:
ErectaStep stair system

Marine



Project:
FPSO

Location:
Mediterranean Sea

Product:
25 Stair & platform
assemblies

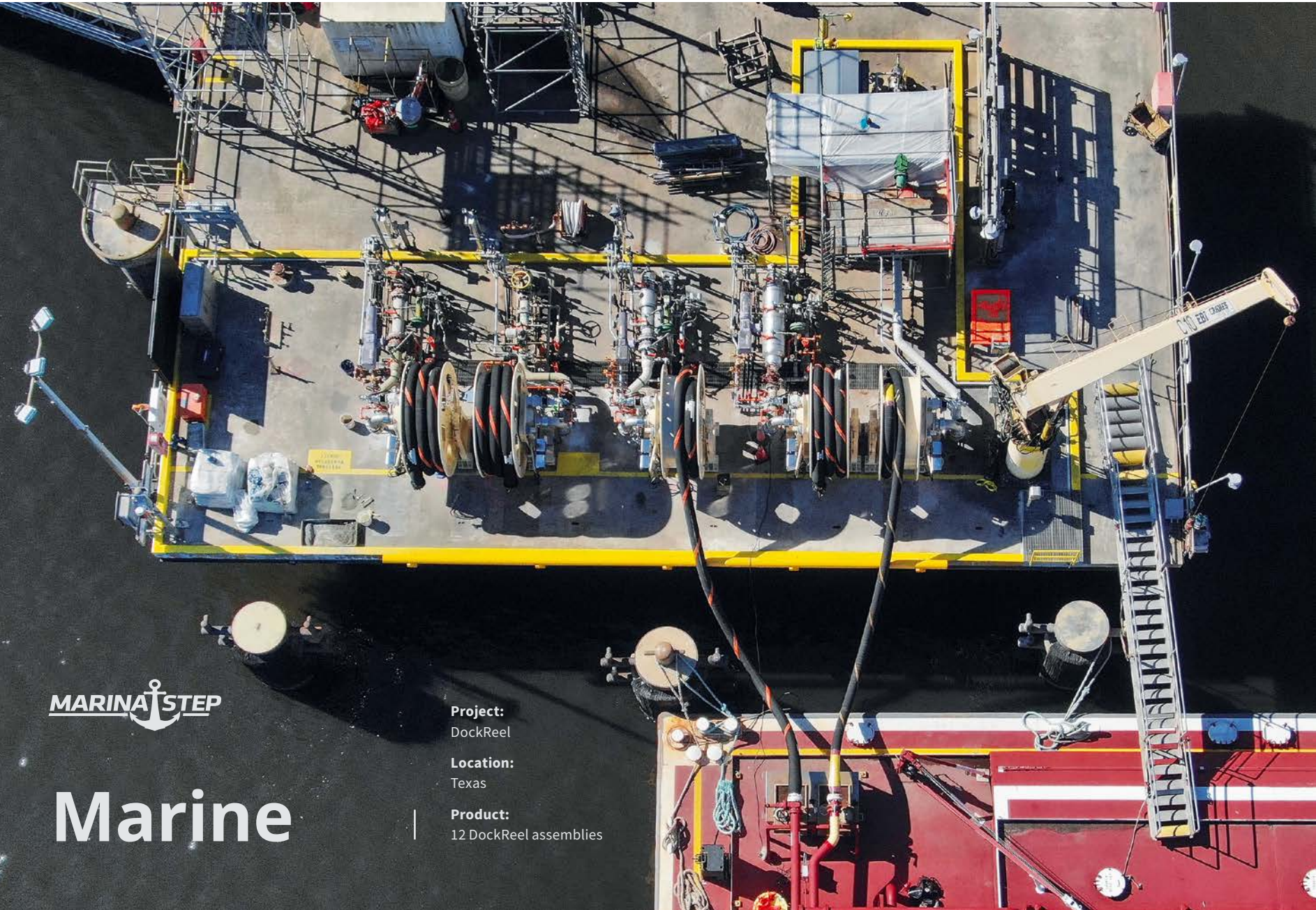


Solution:

This consisted of 25 stair and platform assemblies for an FPSO (Floating Production Storage and Offloading) vessel in the Mediterranean Sea. The platforms, made from aluminum, were chosen for their durability and resistance to rust and corrosion, essential qualities for maritime environments where salt air and harsh conditions are constant challenges. ErectaStep's modular design allowed for easy on-site assembly without the need for welding or heavy equipment, making the installation process smooth and efficient despite the complexity of the vessel's equipment.

Our team played a crucial role in consulting and configuring the platforms to meet specific access needs on the vessel, including areas such as gas turbines, fuel gas valves, and compressors. Following the successful installation of the initial 25 platforms, the project's success was highlighted by an additional order for 8 more platforms, reinforcing the reliability and suitability of ErectaStep solutions for marine applications.





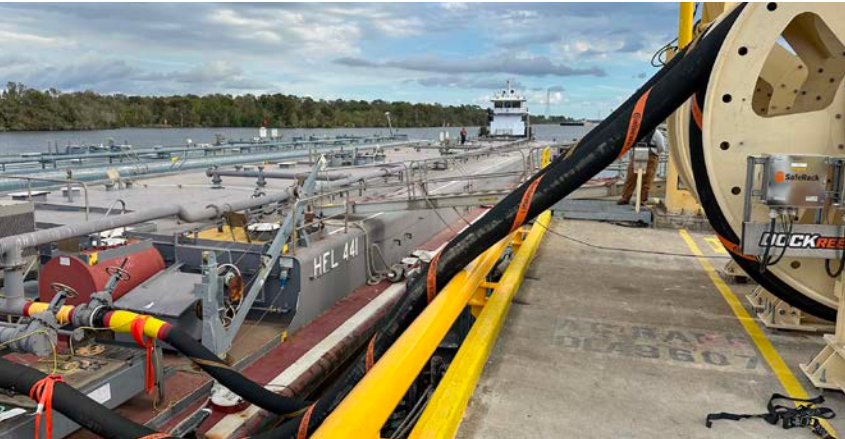
MARINA STEP

Marine

Project:
DockReel
Location:
Texas
Product:
12 DockReel assemblies



DOCKREEL



Solution:

The customer needed to replace 12 aging marine loading arms across three docks due to expensive maintenance, long lead times for replacement parts, and safety limitations. The site also faced challenges with high wind loads, hazardous operating environments, and inefficient flow rates, requiring products to be pushed up 30-50 feet. SafeRack, in partnership with Techflow Marine, addressed these issues by installing DockReel systems, which provided enhanced safety, reduced wind load, improved flow rates without pressure drops, and simplified operations in hazardous conditions. This installation was the first in the U.S. for marine loading.

The project was completed successfully, and the new system has been recognized as a "Best Practice" for marine loading. The DockReel systems improved safety and efficiency and delivered unexpected benefits such as quieter operation and improved flow control. Our ability to deliver fast, innovative solutions made a lasting impact on the customer's operations, and additional projects are in the works.



Customer:
A global building materials company

Location:
Florida

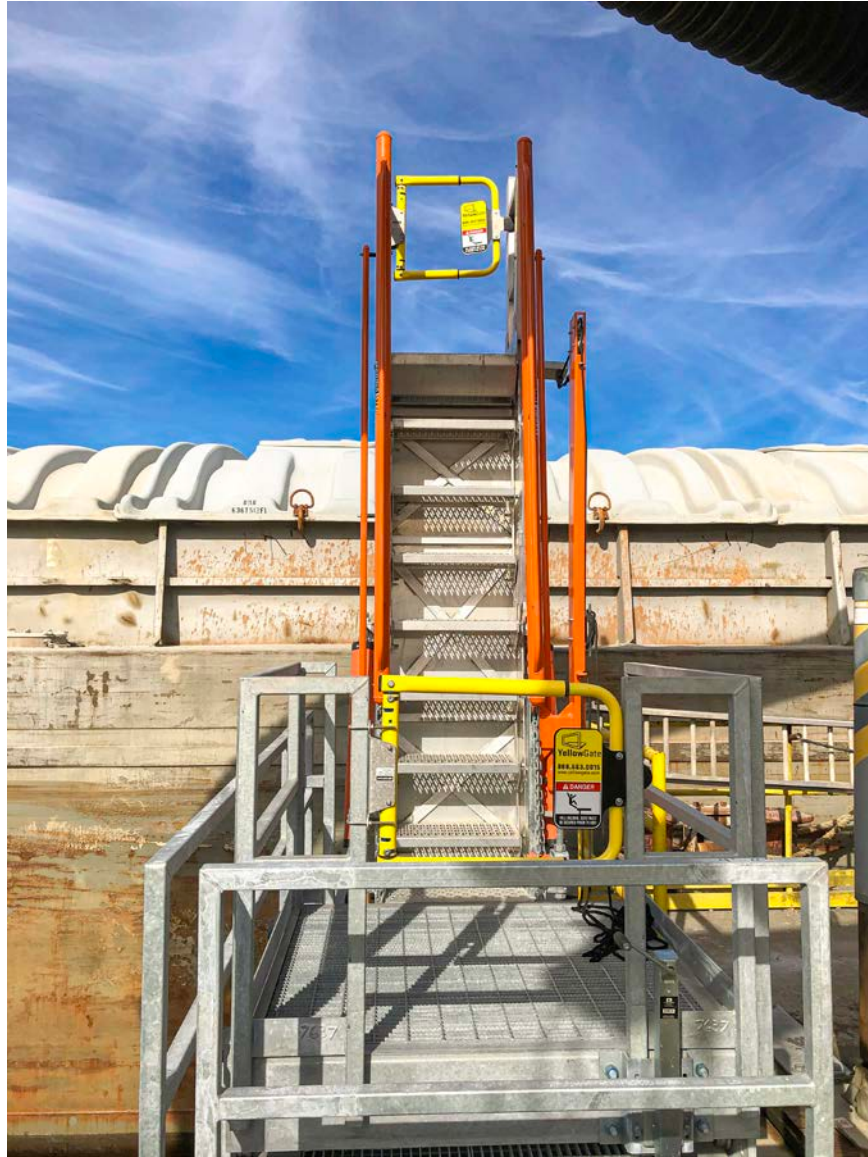
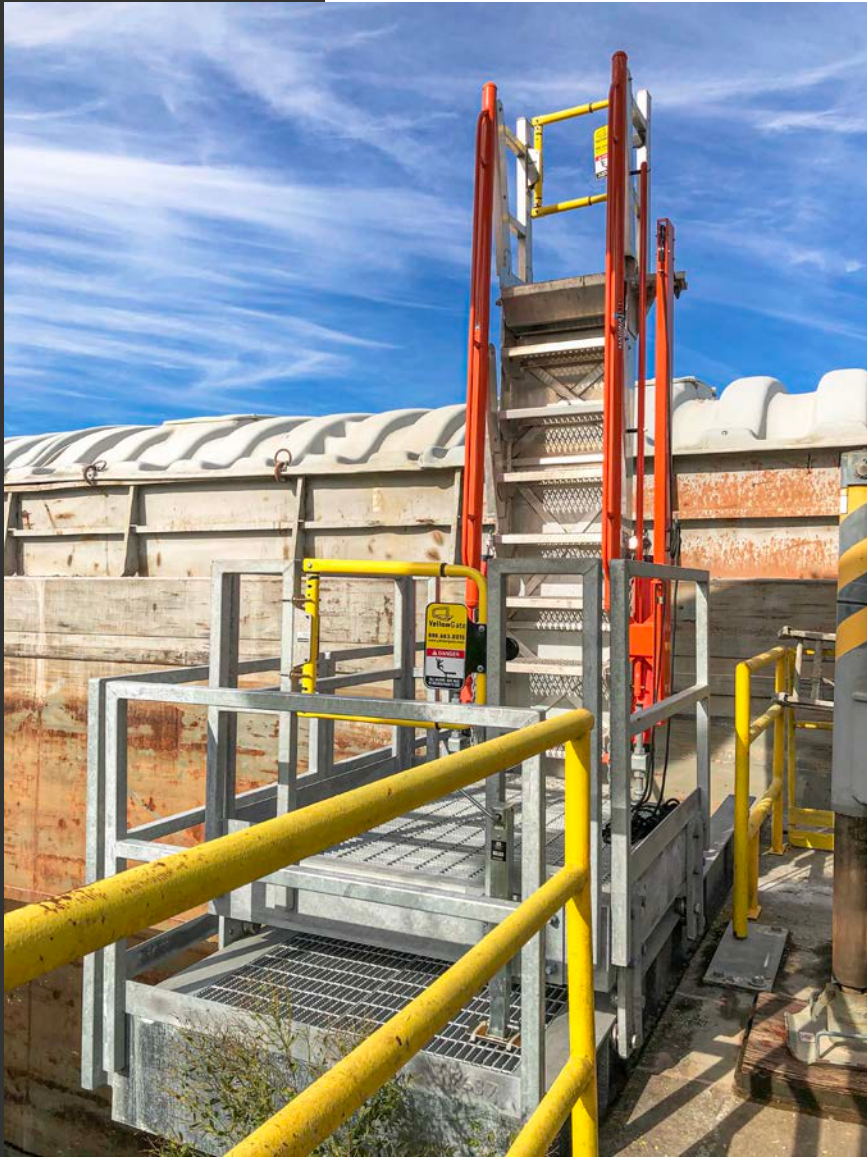
Product:
MarinaStep barge gangway access

Marine

Solution:

This customer needed a gangway that could access the small walkway of a hopper barge with a large elevation range depending on variables such as water level and the size of the load. With such a small landing zone and large operational range, coupled with limited available dock space on which to mount a fixed gangway, an innovative solution was required.

We configured the gangway to hang over the side of the dock to avoid taking up valuable space, but that could also track in and out as the vessel rises and falls so that the end of the gangway that attaches to the vessel can remain in its fixed position without pulling away from or pushing into it. This system is manually lifted using SafeRack’s EZ-Lift pulley system which reduces the pull force required to pull the gangway back into stored position by 66%. This innovative solution helped the customer harmonize both productivity and safety.



Food, Beverage & Pharma

Solution:

A global agro-business cooperative needed a solution to safely access railcars arriving at their Minnesota location for inspection before the product is sent for further refining. SafeRack provided a MaxRack system with an integrated platform, gangway, guard shack, and lighting, ensuring both safety and efficiency for workers conducting inspections in all weather conditions.

This solution not only improved safety by providing secure access to the top of the railcars but also increased productivity by streamlining the inspection process. SafeRack’s fast and reliable installation demonstrated our customer-first approach, ensuring that operations could continue efficiently and safely with minimal downtime.

- Project:**
Global agro-business cooperative
- Location:**
Minnesota
- Product:**
MaxRack with platform, guard shack, and accessories





Project:
A US-based chemical
manufacturing company

Location:
Gulf Coast Region

Product:
Platform, gangway & MaxRack

Bulk Chemical

Solution:

A chemical manufacturing company on the Gulf Coast needed a safe loading solution for operators working on a new storage silo, designed by the customer with limited structural flexibility. SafeRack's engineering team responded to the challenge and designed an access platform, gangway, and MAXRack elevating safety cage system customized to the existing layout. The new solution addressed a critical safety issue—providing adaptable access to varying truck/trailer hatch locations while keeping workers safe at elevated heights.

Our innovative design not only enhanced safety but also improved throughput by allowing operators to work efficiently without compromising safety. This solution highlighted our commitment to delivering effective, tailored solutions that improve productivity and operational safety, further enhancing customer trust.



Project:
Cement company
in SE U.S.

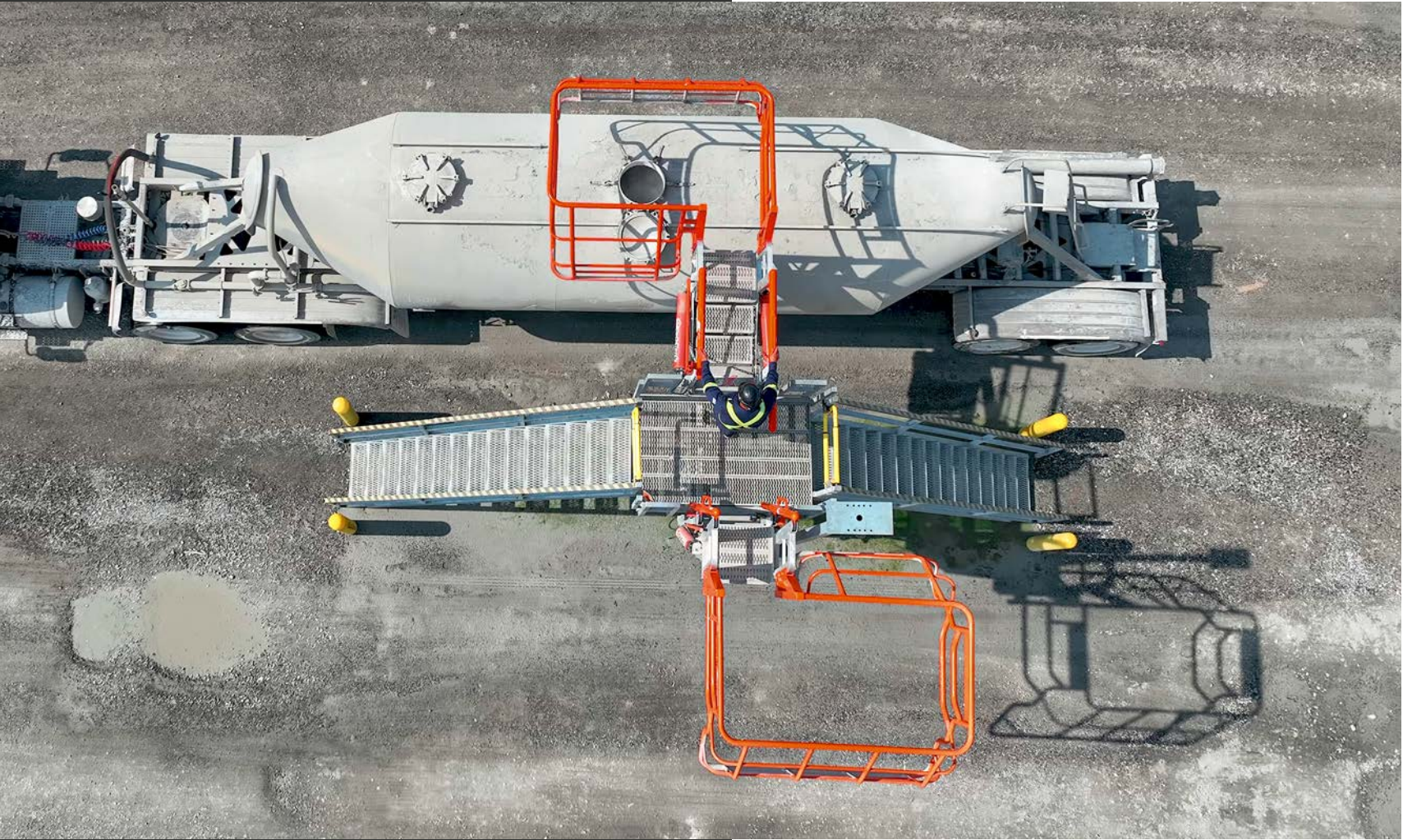
Location:
Southeastern U.S.

Product:
Powered GX Gangway

Solution:

A cement company in the southeastern U.S. sought to replace manual G4 gangways with SafeRack's powered GX gangway system to improve safety and reduce damage to equipment and vehicles. The powered GX system provided controlled, precise deployment, eliminating the aggressive engagement of the previous system and reducing risks of equipment damage or soft tissue injuries.

This solution significantly reduced the time and effort required to deploy gangways while preventing drive-off incidents and pinch-point injuries. The off-the-shelf availability of our products and quick delivery of the powered GX gangway further reinforced our ability to deliver fast, innovative solutions that met the unique needs of this customer, ensuring both worker safety and operational efficiency.



Cement/Frac Sand



Aerospace

Solution:

Thanks to this installation, our RollaStep MP Series Mobile Work Platform played a crucial role in the assembly and preparation of a spacecraft. Technicians relied on the customized platform to access key components of the spacecraft, such as the upper dome, lower dome, and docking hatch, ensuring precision and safety throughout the process. The mobile platform features a large work area, a non-slip surface, and OSHA-compliant handrails, allowing for safe, efficient work in critical areas of the spacecraft's processing facility. This project underscores the versatility and reliability of RollaStep products in supporting mission-critical aerospace operations.

The RollaStep MP Series, known for its durability and ease of mobility, was customized to meet the specific needs of the aerospace company. With features like 360° swiveling casters for precise positioning and reconfigurable handrails, the platform provided flexible access to difficult-to-reach areas while ensuring worker safety. Its robust design aligned with the stringent safety standards required for space missions, ensuring that all components were assembled with meticulous attention to detail. RollaStep's role in this high-profile project highlights its ability to support complex industrial and aerospace tasks without compromising on safety or efficiency.



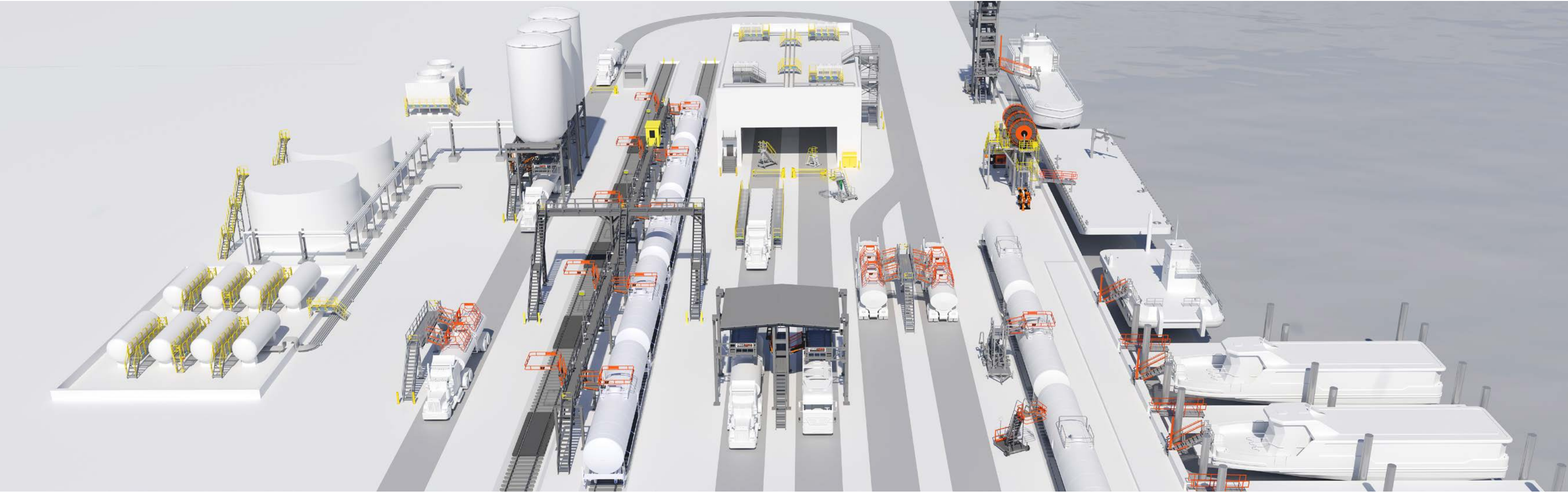
Project:
A US-based aerospace company

Location:
A Florida Space Center

Product:
RollaStep MP work platform



This illustration showcases the seamless integration of our safety solutions, working in harmony to protect workers anywhere they are operating at heights. By prioritizing efficiency, our synchronized safety systems create a safer workplace while ensuring compliance and enhancing productivity. With SafeRack's customer-first approach, you can trust that every solution is designed to meet your unique needs—keeping your team safe and your business running smoothly.



Multi-brand
products in-use



SafeRack is the recognized industry leader in truck and railcar loading platform systems, maintenance work platforms, rolling platforms, and related safety and fall protection products.

Want to see more? Scan the QR code above to view additional project profiles showcasing how our products meet the safety and operational needs of industries worldwide.



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