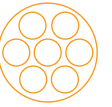


/ commercial

marine

safety systems



safe and secure

fully compliant onboard
fall protection solutions



/ because lives depend on it



safety

where it matters most

02



The sea can be a hostile environment in which to work. The combination of harsh weather conditions with a constantly moving work environment means worker safety and security must always be paramount – especially as the implications for rescue in the case of an accidental fall are more onerous and carry additional significant risk than would be the case onshore.



03

Uniline can offer a comprehensive range of safety products for marine vessels and structures, proven in applications around the globe. Our marine product range has been enhanced by our recent acquisition of the well-known Hadrian Safety System - now brought into the UniRail family and reinforcing the product quality and service for which Uniline is renowned – as well as the extensive knowledge and expertise of Hadrian's engineering team. Together they enable Uniline to continue offering existing and new customers a comprehensive, first class service for the provision of commercial marine fall protection solutions.

Our products are ideal in marine applications from pilot cutters to oil rigs and focus on protection in two main scenarios – preventing man overboard situations and mitigating against falls from height. In environments which are often slippery, where simply moving around from one part of the vessel or structure to another can present hazards that just wouldn't occur on dry land, you need to know you can rely on the very best products and back up to keep you safe.



the name to trust around the world

Wherever you're located, you can rely on Uniline onshore and off. We have a presence in over 25 countries, directly employing specialists in the UK, North America and Spain; and maintain an office in Australia for direct local support.

We insist on the highest quality materials, skills, production and operation for all our product ranges, operating ISO9001:2000 diligently within the organisation. All products are checked for full compliance with international industry standards and guaranteed for the environment in which they are used.

Rigorous market research, development and testing are essential to ensure customers can rely completely on Uniline products at sea, providing complete fall protection without hampering their ability to perform necessary onboard tasks.

Our commitment to and investment in product development is matched by the importance we place on user training, provided via Uniline from professional training companies specialising in marine safety.

This level of commitment is essential to ensuring customer safety and distinguishes Uniline in a market where, very often, users of safety equipment are exposed to unnecessary risk.

Marine solutions to rely on.

04



unirail[®] safety systems

UniRail Systems

(Previously known as Hadrian Safety Rail)

The only certified marine safety system to offer complete hands-free security, providing continuous connection via a four-wheel attachment carriage whilst allowing free access to the working area of the vessel.



easyclimber[®] systems

EasyClimber Systems

EasyClimber[®] The latest fall protection technology for protection on vertical structures – for safer access to signals and instruments at mastheads and for funnel maintenance.



rescue[™] systems

Rescue Systems

Rescue LiftEvac A controlled rate of descent device offering high levels of safety and maximum flexibility onboard.

- Quality materials ensure a long life expectancy
- Products have minimal moving parts to reduce maintenance problems
- Harsh sea environment does not effect performance – use of 316 grade stainless steel parts and electro-polishing increase durability
- Flexible installation options ensure products can be fitted quickly and easily
- Products meet the requirements of international marine safety standards allowing specification of the same product anywhere in the world
- Established product range with history and longevity in Commercial Marine
- Training in safe working procedures and installations can be delivered in a variety of International locations
- Our design team can provide CAD models for inclusion in production drawings

complete onboard
hands-free

safety

06





The only marine safety system to offer complete hands-free security. UniRail (previously known as the Hadrian Safety Rail) is a rigid, extruded aluminium rail system developed for the marine market. Functional yet good looking, the UniRail system provides continuous attachment via a four-wheel attachment carriage. It can be used both as a proactive restraining system for multiple users or a reactive system to arrest a fall.

The product has been designed for easy installation, and uses anchorages, which are fixed to a vessel's structure or its stanchions whilst enabling the rail to float. This allows for thermal expansion and contraction as the temperature changes throughout the different seasons. A change in gradient and direction in both axes of the rail extrusion presents no problem, with complete continuous access and attachment guaranteed at all times.

UniRail can easily be retrofitted to existing vessels or structures or can be designed in before construction. Uniline can work with marine architects to provide technical drawings and assistance from the earliest stages and offer a worldwide installation and maintenance service.

UniRail meets all necessary marine safety standards and codes of practice, is CE marked and has been engineered to have a safety factor more than twice the minimum requirement of the European standard for safety anchors EN 795 Class D. It is as approved as a fall arrest system for multiple operatives and, when used with a short lanyard enables worker restraint thereby preventing a man overboard situation whilst allowing total hands free operation.

- **No snag, hands-free safe movement around vessel**
- **Non-stretch nature of system instils confidence in operator**
- **The rail is configured to mirror the profile of the super structure of the vessel, so the operator can traverse the work area without having to unclip**
- **Allows the deck hand of a pilot boat to offer complete assistance to the pilot during boarding and landing operations, whilst maintaining total hands-free safety**
- **Purpose-designed to withstand the hostile marine environment including heated rail to reduce ice in extreme cold climates.**
- **Quality marine grade alloys ensure long life expectancy prolonged functionality and low cost of ownership.**
- **Fully satisfies the current Small Commercial Vessel (SCV) and Pilot Boat Code of Practice.**
- **Type-approved and CE marked conforming to PPE Standard EN 795 D**

specialist

solutions for pilot cutters



08





UniRail is particularly well suited for pilot cutters, harbour patrol vessels, police patrol craft and other similar vessels. Operating without any external guardrails means that the forces generated by acceleration, turning and sea motion are enough to catapult crew off the decks.



09

Pilot cutters are particularly vulnerable as they often operate with only a coxwain and one crew member to assist the pilot. Full two-handed assistance is required to safeguard the transfer of the pilot, but this cannot be achieved if the crew member is holding on with one hand or ejected off the deck whilst moving forward to the transfer station.

The UniRail marine safety rail attaches to each side of the wheelhouse and curves around the existing hand rails forward of the windscreen to form a horseshoe shape, offering the protection that is required to prevent a man overboard situation.

The UniRail system allows full access to port and starboard sides without the need to unclip. It can be attached direct onto the superstructure and bolted through, or attached to the existing hand rail curved stubbs of the wheelhouse or forward vertical stanchions with omega clamps.

The harness scope is kept to a minimum and the rail is extended around the vessel in a horseshoe shape so that the person attached is unable to fall overboard and possibly drown.

the only solution for the high seas



The EasyClimber® System enables safer access to signals and instruments at mastheads, for funnel maintenance and access into holds on large vessels, and for tower and crane access on oil rigs.

Current workplace legislation requires that any person working at height should be properly protected against the risk of falling. This is especially important for workers required to climb ladders and vertical structures, as a slip or fall resulting from a moment's lapse in concentration or sudden feeling of illness will result in the worker falling backwards away from the structure or straight down, quickly generating great velocity. The consequences of such a fall are likely to be significant upon the worker and the employer.

On large or small vessels, ladder access can be very hazardous, with the ladders themselves often being slippery. On top of this, the rise and fall of the vessel when at sea further increases the risk of falling.

Uniline has invested significant time and effort to design EasyClimber®, the most functional, reliable and safe vertical climbing solution available in the market today. Its unique design features ensure the worker remains as close to the structure as possible during climbing, which, in the event of a fall means that they travel only a very short distance before fall arrest when compared to other products on the market. This reduces the forces on the user and the structure, mitigates the risk of injuries from collisions and therefore reduces the potential need for rescue.

10



rescue[™]
systems

the safest way down



11

Although fall protection will arrest a fall from height on board and prevent more serious injury, it's unlikely that the person involved would be able to recover themselves: specialist equipment used by trained personnel will be required to effect a speedy, efficient rescue or recovery.

Failure to recover an unconscious worker suspended in a safety harness within 20 minutes of a fall could lead to suspension trauma, which in some cases can be fatal.

Uniline's LiftEvac, part of our rescue range, is a controlled rate of descent device that combines evacuation with raising and lowering of a worker or casualty. Offering high levels of safety and maximum flexibility for all rescue situations onboard, it's easy to anchor and control and intuitive to use due to its 'ratchet' style raise and lower facility. The ratchet handle is telescopic to give more leverage when required and a second handle provides stability and control during use. This makes the raising of two persons very comfortable compared with other rescue products.

LiftEvac can be used to recover a casualty whilst the rescuer remains in a safe position. If necessary, the rescuer can descend to the casualty whilst maintaining complete control of the device. LiftEvac can be used anywhere but is especially suitable for working in confined spaces.

Uniline Safety Systems is a leading international manufacturer of fall protection products and systems. Through a combination of expert knowledge and practical experience, we can help our customers reduce risk and increase safety when working at height.

Uniline's comprehensive range of products offers fully compliant, practical solutions for structures of all types, in all industries. Our ethos of delivering quality, service, training and support for our customers has earned Uniline a deserved reputation for excellence around the world.

Operating through specialist safety companies in over 25 countries, Uniline provides local support and installation services to meet the specific safety objectives of all our customers.



If you need a safety solution for roof access during maintenance and inspection tasks, then look no further than Uniline's RoofSafe product range. Our products, including roof anchors, horizontal lifelines, horizontal rail systems and walkways offer comprehensive protection for workers on all types of roofs.



MultiSafe comprises three of the best known brands in fall protection safety: Uni-8, Uni-16, and UniRail. The versatility of these products combined with Uniline's expertise in fall protection ensures we can solve even the most complex of height safety problems in industry, construction, façade access and for all manner of building maintenance and inspection tasks.



The best vertical fall protection systems in the world won't let you down. The extensive development of the EasyClimber range of products for vertical structures including masts, towers, pylons, wind turbines, silos, bridges and chimney stacks ensures customers will enjoy the safest and most functional climbing experience possible.



A range of intuitive rescue and access products to aid recovery of workers after a fall or in an emergency at height. The diversity of Uniline's Rescue range ensures we can provide a solution for all types of rescue situations whilst keeping safety the top priority.



because lives depend on it

www.unilinesafety.com

local distributor/systems integrator

ROPE ACCESS / RIGGING / HEIGHT SAFETY

RIGCOM
ACCESS

www.rigcomaccess.com

PO BOX 730
North Sydney
NSW 2059

Tel: +61 2 9966 1673
admin@rigcomaccess.com

Uniline Safety Systems Limited

UK

5a Merse Road
North Moons Moat
Redditch, Worcestershire
B98 9HL

t: +44 (0) 1527 548 000
f: +44 (0) 1527 591 000

USA

17200 Chenal Parkway
Suite #352
Little Rock, AR 72223
USA

t: +01 (501) 517 6056
f: +01 (501) 325 3477

AUSTRALIA

P.O. Box 1226
Surfers Paradise
Queensland 4217
Australia

t: +61 (7) 5539 0164
f: +61 (7) 5570 4208

SPAIN

C/Albaracin 6-3D
11300 La Linea
Cadiz
España

t: +34 (856) 125 173
m: +34 (627) 902 606