

survitec

# NO MESSING AROUND

RELIABILITY AT EVERY STAGE



# SURVITEC

## PROTECTING OVER

## 1 MILLION LIVES

## EVERY DAY

When it comes to safety, Survitec is uncompromising. From the conception of products through to delivery and beyond, safety is of paramount importance. This philosophy has ensured that throughout our 160+ years of industry experience, Survitec remains the world's leading manufacturer of safety and survival products.

Survitec's knowledge and expertise combined with in-depth understanding of what our customers need, enables us to manufacture and supply market-leading safe, reliable and fully compliant products to operators worldwide.

Survitec has an exceptional track record. At the heart of this success is our continued focus on reliability at every stage. From design through to testing, manufacture, delivery, commissioning as well as operational servicing and training we aim for excellence in everything we do.

Our marine evacuation system (MES) range epitomises everything that Survitec stands for – quality products, offering unparalleled safety. We pride ourselves on our superior design, innovation, expertise, consistent levels of reliability and our commitment to delivering real value to our customers.



# PIONEERING THE WAY IN MARINE EVACUATION SYSTEMS

Survitec are the original authority and industry leader in the design, manufacture and supply of MES solutions - a reputation that has been built up over many years through leading the way in innovation and offering unparalleled levels of safety. All of our systems are robustly tested, exceptionally rugged, compliant with the latest approval standards and most importantly offer superior levels of reliability leading to increased confidence.

Choosing Survitec for your marine evacuation systems will give you total peace of mind knowing that, should disaster strike, you have an MES solution in place enabling you to abandon ship quickly and safely, protecting the lives of your passengers and crew.

## UNMATCHED CAPABILITIES

Survitec has a successful track record of MES installations and a successful track record of deployments. We have a growing order book and an impressive reference list of leading operators.



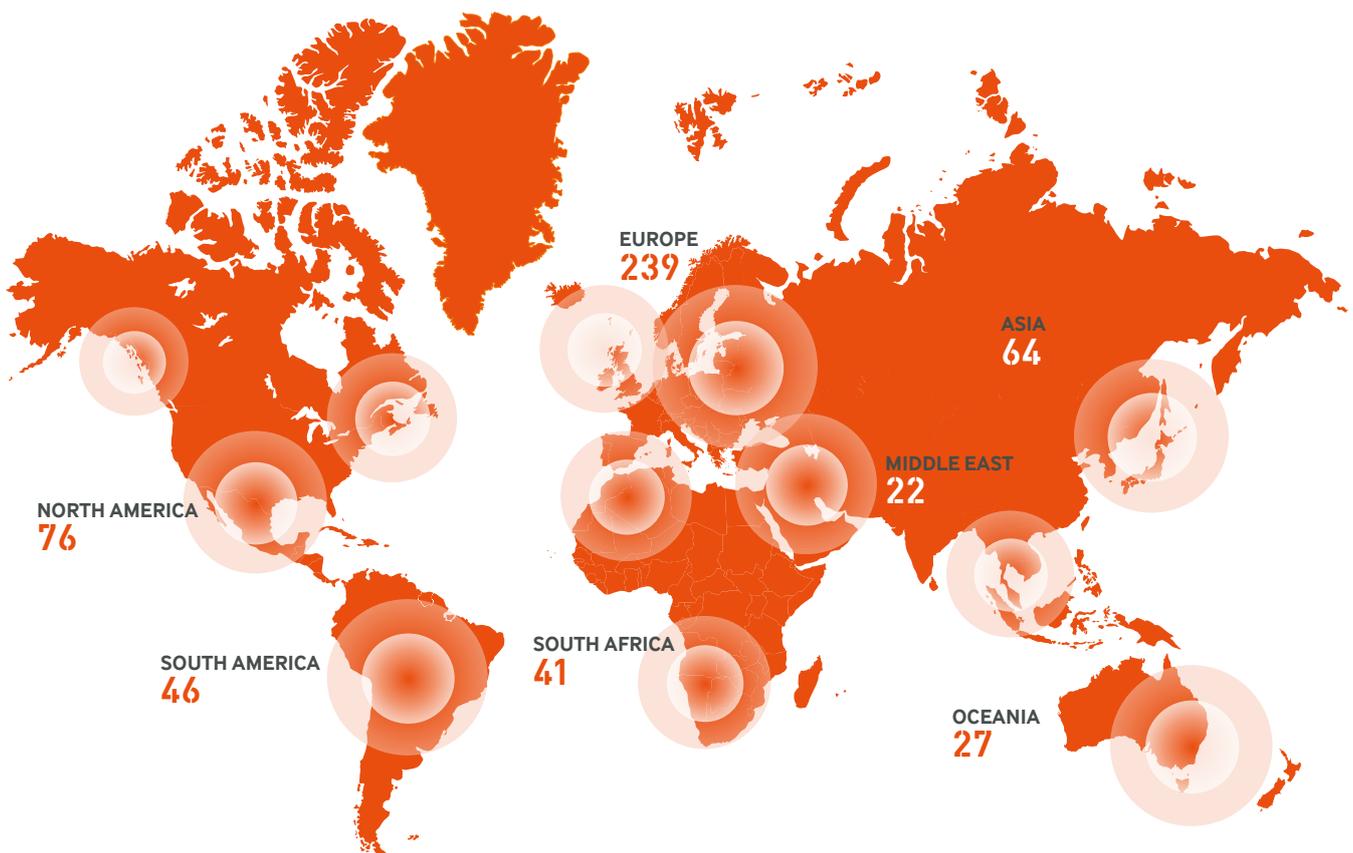
**2500+**  
MES UNITS FITTED



**800+**  
VESSELS WORLDWIDE



**500+**  
SERVICE STATIONS WORLDWIDE



# RELIABILITY AT EVERY STAGE

## EXCEPTIONAL DESIGN

Whether designing a brand-new MES or modifying existing products, it starts with design, applying clear methodology carefully reviewing data and drawing on experience to enhance our MES design. Throughout the design phase our highly experienced team works to clearly defined objectives actioned in a strict project management process.



## TESTED TO THE LIMITS

Following the design phase, detailed prototypes are created and extensively tested to engineer out any problems ensuring the design objectives are met. In accordance with SOLAS, all MES are tested to MSC 81(70) heavy sea conditions. These trials simulate real-life emergency scenarios putting tremendous strain and pressure on the systems in force 6 winds with minimum 3-metre wave heights. Once successfully passed, the product moves into the manufacturing phase.



## INDUSTRY APPROVALS & STANDARDS

Once an MES successfully passes heavy weather sea trials, the system enters a rigorous process to obtain approval from worldwide class and flag societies. Importantly, Survitec is the only company to hold ISO9001, MED Mod B & D and AS9100 aviation standard certification meaning that, by default, our MES are manufactured to the higher AS9100 Aero standard.



Cross-functional reviews are built into the manufacturing process providing opportunities to ensure we deliver on quality.



## QUALITY MANUFACTURING

The specification of the materials for use in manufacturing is set by SOLAS. The robust quality processes set by Survitec ensures that material strength specifications are met. Joints are designed in shear rather than peel. This improves strength and extensive testing is conducted at all stages. To ensure end-to-end product quality and consistency, we monitor the manufacturing process throughout with highly-skilled internal and external independent teams.

### PACKED AND STOWED WITH CARE

To mitigate the risk of human error once the MES has been manufactured, Survitec employ packing and stowage teams utilising an in depth instructional checklist along with a buddy system to ensure conformity throughout this key process. As an extra measure, we also have an independent marshal process in place for all packing and stowage loading activity.



### EXPERT INSTALLATION & DEPLOYMENT

Successful installation of systems is vitally important. If any one component does not perform, it could jeopardise the integrity of the MES completely not to mention the lives of those who depend on it in an emergency. It is imperative that MES are correctly installed. During this stage, any issues no matter how small are captured in our robust 5Y and corrective action process to understand and deal with the root cause of any problems.



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### CONSISTENT SERVICING LEVELS

Survitec take responsibility and care for our customers seriously right the way through the vessel's life. Regardless of location, our highly trained MES service technicians adhere to Survitec's meticulous standards. Two approved technicians must sign off any work undertaken. To maintain service station standards, Survitec audits all stations every three years as a minimum and for our larger MES solutions, we audit these approved service stations annually.

### COMPREHENSIVE CREW TRAINING SOLUTIONS

In addition to building systems and procedures to ensure reliability, we provide comprehensive crew training solutions either onshore or on-board customers' vessels. These courses cover operational procedures required to deploy the marine evacuation system. We also provide system manuals and training videos.



Two approved service technicians must sign off any work undertaken.



Survitec recognises that with our vision comes a profound responsibility - we exist to protect people's lives when at sea. We want our customers to have total confidence that they are equipped with the best safety equipment protecting their passengers and crew should disaster strike. This continued focus ensures that we deliver solutions that go above and beyond the requirement, we aim to work with customers who share the same values as our own and are interested in nothing but the very best when it comes to safety and reliability.

**Baba Devani** - CEO, Survitec Marine Division



**Our vision is to be the world's most trusted company for critical safety and survival solutions.**

Survitec understands that with this vision comes a profound responsibility. Without the commitment of our international teams and the strength of our customer relationships, we simply could not deliver safe and reliable marine safety solutions protecting the lives of countless individuals at sea.

**WE ARE  
COMMITTED TO  
OUR VISION...**

# 100 YEARS AND COUNTING OF BEING BUOYANT IN SURVIVAL



Survitec's roots trace back over 160+ years with 2020 marking 100 years since the introduction of inflatable survival technology. Our fascinating MES story starts some years later in 1920, when Reginald Foster Dagnall, an experienced balloonist and airship pilot, put his engineering flair and innovative thinking to work founding RFD (now known as Survitec).

In its early years, the company manufactured lightweight doughnut inflatable rings designed to be stowed centrally over an aeroplane cockpit, which on ditching the aircraft were manually inflated by aircrew. This simple invention stopped the aircraft from sinking, suspending it under water until it was salvaged. This initial product evolved when a floor was added, doubling up the doughnut system as rescue accommodation for aircrew. In 1932, a method of automatic inflation was introduced, which signalled a major breakthrough for the company, revolutionising the industry for years to come. This new design was operationally tested in 1933 during aircraft ditching trials and subsequently adopted by the Air Ministry for extensive use throughout World War 2. Fast forwarding to 1963, a new more advanced system was introduced which encompassed an inflatable slide to aid fast evacuation of passengers and crew. These products and technological developments paved the way for a new dawn of MES, which first arrived in 1979.

## TODAY SURVITEC IS THE MARKET LEADER

Moving to the present day and following a series of successful acquisitions, including leading MES brands SurvitecZodiac, Brude, and DBC, Survitec has grown and now offers an extensive range of MES products combined with unrivalled global expertise creating the safest and most reliable marine evacuation systems available.

This continued focus on safety and protecting our customers' people, assets and reputation, began in 1920 and 100 years on it is still holds fast.

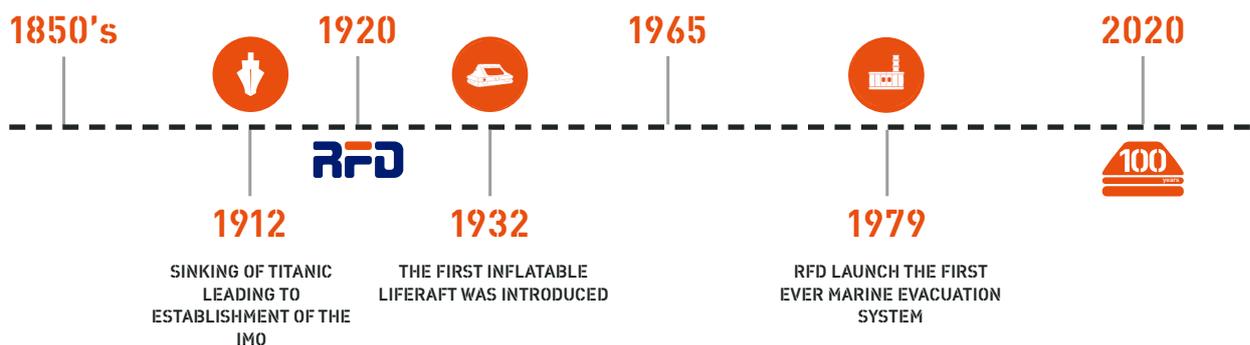


SURVITEC'S HISTORY DATES BACK TO:

RFD WAS FORMED

LIFERAFTS BECAME MANDATORY UNDER SOLAS AND RFD WERE THE FIRST TO RECEIVE APPROVAL

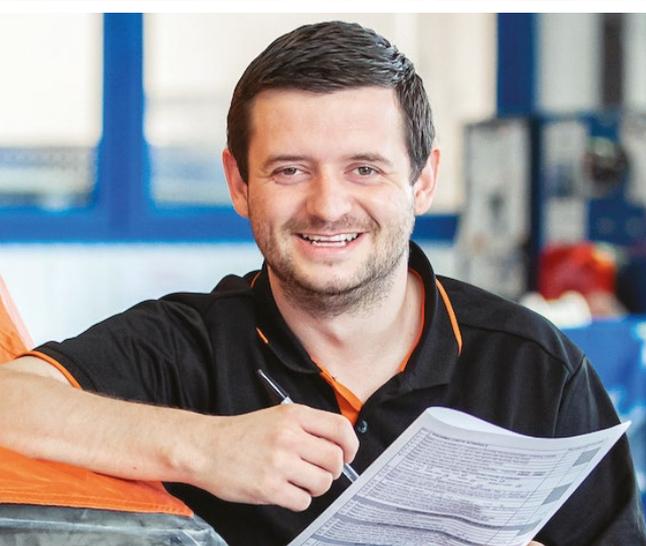
SURVITEC CELEBRATE 100 YEARS OF INFLATABLE SURVIVAL DESIGN





# SKILLED TEAMS WITH HUGE AMBITION

Survitec's marine evacuation team totalled up have over 200 years of accumulated experience.





# EXTENSIVE MES SOLUTIONS

Survitec MES solutions are designed for a wide range of marine market requirements including cruise, ferry, high-speed craft, defence, and offshore. Each system is custom-made to match your vessel taking into consideration your exact vessel requirements including vessel type, regulatory compliance, evacuation height and number of passengers to name a few, Survitec will protect your interests.

Our extensive range of MES solutions can accommodate between 50 and 860 persons ranging from evacuation heights of 1.5 metres up to 33 metres utilising slide and chute-based technology depending on the product and vessel requirements.

EASYSCAPE SLIDE

SUPERSLIDE

BRUDE CHUTE



**ALL SYSTEMS ARE TESTED TO  
FORCE 6 WINDS WITH MINIMUM  
3-METRE WAVE HEIGHTS.**



View our full range of marine evacuation systems at:  
[www.survitecgroup.com/MES](http://www.survitecgroup.com/MES)

**MARIN ARK 2**

**MARIN ARK 1**

**HEIGHT RANGE**



**33m**



**1.5m**

# **PARTNER WITH SURVITEC**

As vessels become larger and the demand for passengers and crew increases, the challenge is ever more focussed on delivering safe, reliable and efficient MES. The future of MES evacuation systems is continuing to ensure the safety of existing vessels and solving the challenge of creating new and innovative solutions for future vessels whilst at the same time delivering exceptional value to operators globally.

Partnering with Survitec brings unparalleled duty of care, value for money, best customer service and peace of mind in the knowledge that we can deliver market leading safety-first solutions exceeding expectations safely, cost effectively and on time.



# HOW CAN WE HELP YOU?

To discuss your MES requirements or to find out more about our marine evacuation systems and services, please visit

[www.survitecgroup.com/MES](http://www.survitecgroup.com/MES)



### GET IN TOUCH

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# PROTECTING YOUR PEOPLE, ASSETS AND REPUTATION