

Electronic Mustering Confirmed



ATEX Certified for use in
Zone 1 Hazardous areas

Know where your personnel are when it counts

Drills or evacuations and Search and Rescue during an incident can all benefit from S3-ID's experience in the real world. Proven procedures and knowledge combine to enable you to get the information you need in real-time without the need for complex procedures. The S3-ID eMuster[®] product range provides you with the right tools to muster your personnel, quickly and safely with our Confirmed Muster Station providing verified, real-time mustering information to ensure both you and your personnel know they have been accounted for and are on their way to safety.

Features

- Fast and efficient confirmed mustering, reducing risk in the event of an incident or drill
- Comprehensive displayed information at the muster point
- Muster officer knows exactly what is going on in real time
- Additional counts for seat availability
- Multiple colour names to indicate special teams, not arrived and wrong muster point
- Provides electronic and paper muster count and POB, with accurate and instantly available reports in the event of an incident
- Links directly with S3-ID's eLogistix[®] products (including GTMS), and complements third party logistics packages including Da-Winci[®] and Vantage[®] POB
- Enables specialist teams to receive their instructions and carry out tasks based upon accurate, up to date, shared information
- Visibility of the system from shore during emergency situations
- Automatic procedure handling reduces requirement for human involvement, thereby reducing errors

Confirmed Muster Station Operation

On commencement of a muster, the muster station will awake from its idle state and display the muster status screen. The screen displays: Personnel assigned to the muster station, mustered personnel, missing personnel, unallocated lifeboat seats, team identification and station diagnostic information. Under normal operation, personnel present their transponder tag to the small antenna mounted below the status screen and the muster station will recognise the tag and display the associated name for confirmation by user which is accomplished by pressing the <enter> button. If a user has lost their transponder or it does not function then a manual muster facility is supported. Users can select their name from a list of personnel shown down the left hand side of the display using the arrow buttons. The muster display is continually updated with data from the servers. If a person musters at an unassigned station then their assigned station is updated to show this event.

TIME SAVING COULD BE LIFE SAVING



Technical Specifications of Principal System Components

Name Display Terminal

The display terminal is certified EEx d IIB T4 and environmentally rated to IP66. It is constructed from 316 grade stainless steel. A high brightness 12+ TFT screen is incorporated to enable full information to be available at the point of muster

Specification

Type:	Muster Display Terminal
Material:	2.0 mm Stainless Sheet Grade 316 L
Colour:	Steel Grey Stainless
Dimensions:	372 W x 560 H x 156 D
Weight:	33 Kg (Excluding Frame)
IP Protection:	IP66
Ex Certification :	EEx de IIB T4
Mounting Details:	M12 fixing points
Cable Entry:	M25 Glands
Power Requirements:	230 V AC / 110 W
Temperature Range:	-10°C to +40°C



Certified Reader Unit

The reader unit electronics is housed within a stainless steel enclosure. The unit is ATEX certified for operation in Zone 1 hazardous areas. To facilitate installation and maintenance the enclosure is split into two sections an IS section housing the electronics with an adjoining Exe chamber reserved for power, traffic light and antenna connections.



Specification

Type:	Universal Tag Reader
Material:	2.0 mm Stainless Sheet Grade 316 L
Colour:	Steel Grey / passive external electroplated
Dimensions:	372 W x 560 H x 156 D
Weight:	33 Kg
IP Protection:	IP66
Ex Certification:	Eex ib e w IIB T4
Mounting Details:	4 x M12 fixing holes
Cable Entry:	M25 Glands for Power, Communications & Antennae
Power Requirements:	230 V AC / 40 W
Temperature Range:	-20°C to +50°C

Wrist Transponder

RFID Tag worn by persons when offshore: communicates a unique two part 64 bit number when it enters an antenna field.



Specification

Type:	Wrist Transponder Type TC5
Material:	ABS with polycarbonate label
Colour:	Black Housing
Dimensions:	37 W x 46 H x 10 D
Weight:	12 g
IP Protection:	IP66
Ex Certification:	EEExia IIC T6 (Ta<60°C)
Mounting Details:	Tag supplied complete with adjustable wrist Strap
Communication:	RFID
Temperature Range:	-20°C to +60°C:

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