



CoreRFID Ltd

Safety & Survival Systems

www.corerfid.com

Survitec

RFID in Safety Service Management

Survitec Service and Distribution is one of Europe's leading providers of critical safety equipment for the marine, industrial and offshore markets. It supplies, inspects, tests and maintains marine safety equipment, lifting gear, rope, rigging, fire fighting and height safety products. It is also one of the UK's leading providers of protective clothing and equipment to the emergency services, military, transport and construction industries. Survitec has a European-wide business network that spans 25 separate locations.

For inspection services on lifting and personal safety equipment Survitec are using electronic tags to identify equipment and prompt inspection routines. The information collected is used to demonstrate safety inspection compliance and provides essential trend data on the equipment.

The systems were developed and provided by CoreRFID using the CheckedOK inspection and certification solution.



Safety Inspection Support

Survitec provides inspection services for a wide range of safety equipment. Making sure that the correct inspection criteria are applied to any item of equipment can be a matter of life and death and having the correct certification for any given item

allows Survitec to demonstrate that required inspections have been carried out by suitably qualified individuals. Survitec also needed to collect data on inspection failures so that faulty equipment could be quickly repaired or replaced and also so that trends in equipment failures could be identified and countered.

To do this manually was time consuming and could result in errors.

The CoreRFID system provides them with compact, robust, electronic tags for the equipment which identify each item uniquely. A handheld computer is used by the inspecting engineer to read the data on the tags. This triggers the appropriate inspection list and ensures that the results of the inspection are associated with a particular asset.

Data from the handheld computer is transmitted to a database server on the customer's own servers (as in this case) or managed by CoreRFID on the customer's behalf. This data can then be accessed directly using a web browser or other software can access it for other applications. By opening access up to their clients, Survitec is able to offer an improved customer service.

Question	Position
Checked for clear identification number	1
Checked for clear marking of SWL. For multi leg slings maximum angle of usage must be marked on.	2
Grade of material chain sling is constructed from is identified, i.e. 80,100.	3
All components are checked for wear, distortion, damage, nicks, gouges, cracks, corrosion.	4
All component load/retaining pins are checked for security, wear, damage, gouges, cracks, corrosion.	5
All mechanical joining devices are checked for correct assembly.	6
Chain legs are checked for, stretch, wear, distortion, damage, nicks, gouges, cracks, corrosion.	7
Hooks where applicable with effective safety latches.	8

CheckedOK has built-in questions for many different equipment inspections but Survitec can extend or modify these for additional asset types.

"The solution is improving the way we communicate with our customers. RFID tagging helps us to give immediate feed-back on equipment failing inspections." Dominic Coomber, National Operations Manager, Survitec

Lifting Equipment Inspection

The Survitec system is being used to support the company's Lifting, Testing and Inspection business where they will be tagging over 5,000 items of lifting equipment. Survitec anticipates that the system will save costs in collecting inspection data and improve the services that they provide. The company has a reputation for providing first class lifting products and services to the marine, industrial engineering and manufacturing sectors. Its engineers are all highly trained and accredited by the Lifting Equipment Engineers Association (LEEA) to carry out lifting inspection and audit tasks.



The CheckedOK System

The Survitec CheckedOK system is accessed by job controllers and by inspecting engineers. Reports are available to Survitec operations management and to customers. Job controllers can assign jobs – locations and lists of assets for inspection to specific engineers using the systems' web interface. Engineers use an M3 portable handheld computer with integral RFID reader. This runs the CheckedOK application. Each engineer has their own profile, highlighting which types of equipment they are qualified to inspect and present them with the list of equipment to be checked.



Survitec handheld software is customised for their needs.

The data collected on the CheckedOK server can be used in a number of ways. Reporting facilities allow Survitec staff or Survitec's customers to view the details of assets at any given site, their inspection details and any photographs provided by inspectors. Successful completion of an inspection generates the appropriate inspection certificate. These can be viewed on line and, optionally, sent automatically by email. Data can also be exported from the system to be used in other applications.

The Benefits

The Survitec CheckedOK solution provides:

- Individual inspection schedules for engineers
- Accurate recording of inspection results.
- Data on missing and relocated assets
- Immediate access to inspection results.
- Automated feedback with certificates emailed to recipients.

About CoreRFID Safety & Survival Systems

CoreRFID Safety & Survival Systems help improve safety and save costs in inspection processes. To learn more about how we can help with passenger public and employee safety, contact us today:

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