

# RFID TECHNOLOGY: ELEVATING OPERATIONAL EFFICIENCY



INTEGRATING TRACKING AND INVENTORY SOLUTIONS





## SECURE ASSET TRACKING IN YOUR HANDS

The RFID System is designed with two basic parts – a transponder tag that is attached to the inventory asset, and a reader, which is a transceiver and an antenna. Each EAM life vest is equipped with an RFID chip (tag) that stores the birth record of the product. Through the use of a fixed reader or handheld scanner with mobile software, the real-time information including inventory location, expiration dates and serial numbers is recorded without performing individual physical counts and generating manual documentation. RFID Solutions saves valuable time, money and optimizes operational efficiency.

- ASSET MANAGEMENT
- INVENTORY MANAGEMENT
- WORK-IN-PROCESS TRACKING
- SECURITY TRACKING
- WORKFLOW AUTOMATION
- CENTRAL ADMINISTRATION



## BEYOND BARCODE FOR INVENTORY TRACKING

RFID helps clients manage their equipment assets accurately and instantaneously. By replacing manual counts and traditional barcode scanning, verifying location and maintenance needs of equipment and parts is no longer manually intensive.

- NO LINE OF SIGHT REQUIREMENT LIKE BARCODES
- PORTABLE DATABASE CAN READ MULTIPLE TAGS SIMULTANEOUSLY
- LONG READ RANGE, ABILITY TO TRACK ANY TAGGED ITEM IN REAL-TIME
- ALL TAGS ARE EQUIPPED WITH READ AND WRITE CAPABILITIES
- TAGS THAT CAN STAND HARSH ENVIRONMENTS



## ATA SPEC 2000

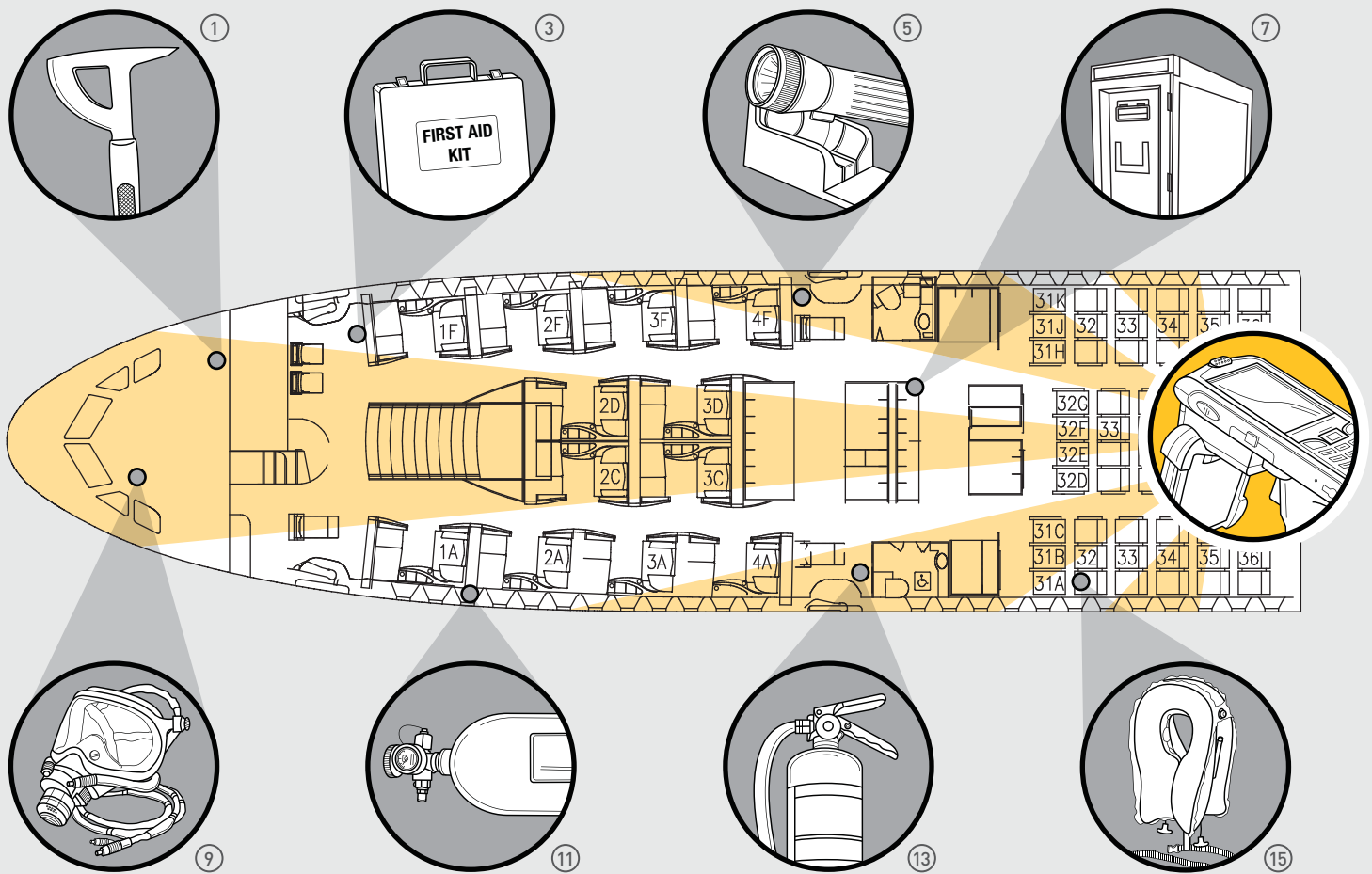
EAM RFID Solutions is included by the Air Transport Association (ATA) as a member of the Spec 2000 committee. EAM directly contributes to the creation of RFID Industry standards as a member of the committee.

## TAG THE CRAFT™

EAM RFID Solutions offers advanced, automated tracking solutions that effectively replace the inefficient, manual inspection of aircraft equipment – saving valuable time and money. Our custom-built system can scan all tagged aircraft equipment, from flashlights and oxygen generators to carts, seat belts and life vests, in just minutes. The system immediately identifies if any tagged asset is missing, been tampered with, has expired or is due for regular maintenance. Whether working with an existing inventory management system or developing a standalone program, EAM RFID Solutions can build a unique platform to optimize operations efficiency and create significant return on investment. Based on decades of collective aviation experience, EAM RFID Solutions continually delivers superior asset tracking and management systems with exceptional client service.

## EAM RFID SOLUTIONS CAN BE USED TO TRACK ASSETS IN PASSENGER CABIN SUCH AS:

- |                   |                       |                         |                        |
|-------------------|-----------------------|-------------------------|------------------------|
| 1. CRASH AXES     | 5. FLASHLIGHTS        | 9. OXYGEN MASKS         | 13. FIRE EXTINGUISHERS |
| 2. SEAT BELTS     | 6. MEGAPHONES         | 10. SMOKE DETECTORS     | 14. LAVATORY ITEMS     |
| 3. FIRST AID KITS | 7. SERVICE CARTS      | 11. OXYGEN BOTTLES      | 15. LIFE VESTS         |
| 4. SAFETY CARDS   | 8. BLANKETS & PILLOWS | 12. LIFE RAFTS & SLIDES | 16. OXYGEN GENERATORS  |



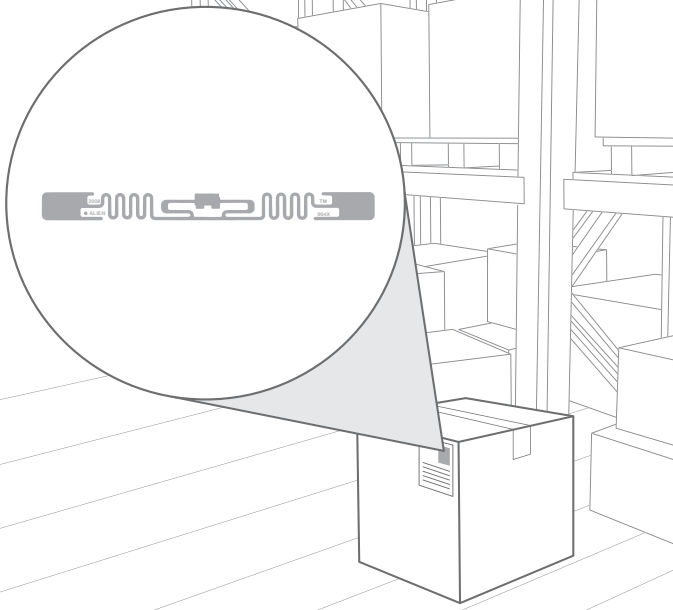
## MANAGE ASSET INVENTORY SEAMLESSLY

Tag the Craft™ is a comprehensive, yet scalable solution that allows a client to specifically choose which assets to track. EAM takes care of all the RFID needs, from an in-depth consultation of tracking needs to the seamless implementation and integration of customized hardware and software systems. EAM also provides comprehensive training to all users and remains available for any necessary maintenance and support.

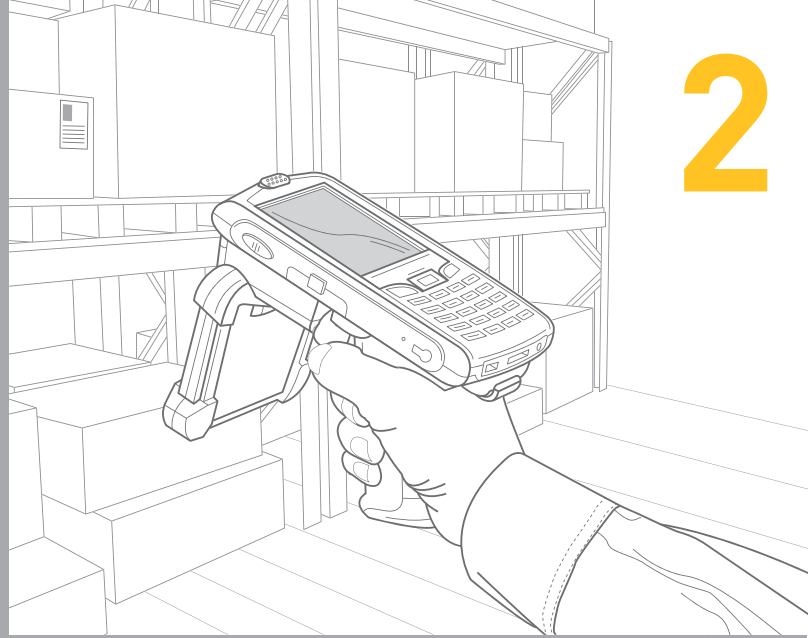
**SITUATION** AIRLINES ARE FACED WITH THE CHALLENGE OF CONSISTENT & RELIABLE INSPECTION OF AIRCRAFT CABIN EQUIPMENT.

**ANSWER** EAM RFID SOLUTIONS PROVIDES EFFICACY & EFFICIENCY BY REDUCING PROCESS TIMES, IMPROVING THE QUALITY OF CABIN CHECK PROCEDURES & DELIVERING SEAMLESS, SECURE RESULTS.

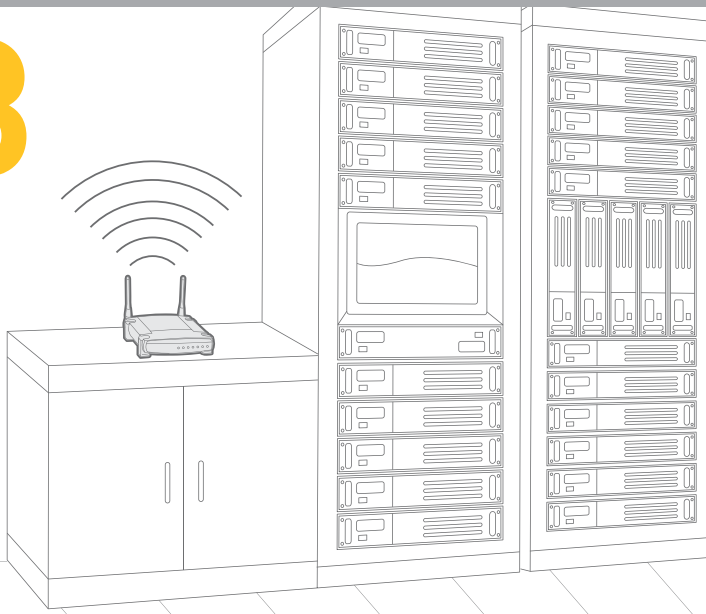
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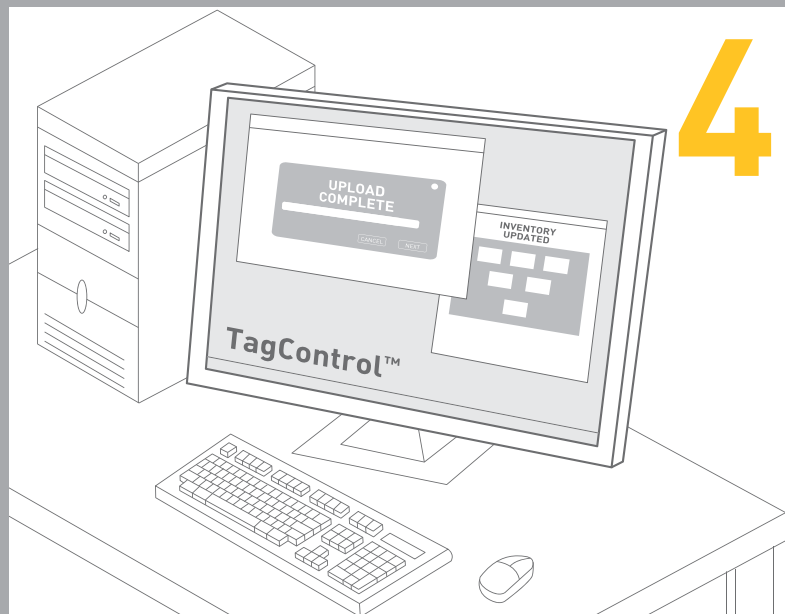
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3



4



## RFID - WHEN IT COUNTS, YOU SHOULDN'T HAVE TO

1

### RFID TAGS FOR ANY ENVIRONMENT

We offer a range of tags to meet the demands of any environment. Tags can store important data such as birth record and inspection information.

2

### SCAN YOUR ASSETS SIMULTANEOUSLY

Read hundreds of tagged items instantaneously with RFID Scanners. Tag it once and track the item throughout its entire life cycle using a handheld reader.

3

### CONNECT WITH MIDDLEWARE

Middleware connects your tagged assets and products that are scanned and delivers the information securely to your database or ERP.

4

### TagControl INVENTORY AT YOUR FINGERTIPS

View a complete list and status report of all scanned inventory from the comfort of your workstation. EAM RFID's custom software, TagControl, is a user-friendly platform with an intuitive interface.



## TagControl™ : Maximize Your Inventory

TagControl™ is a complete inventory solution with mobile, desktop and middleware software that simplifies data capture and distribution, providing visibility in your organization.

## TagControl™ - A COMPLETE INTERFACE

### CONNECT ALL OF YOUR ASSETS USING ONE SIMPLE SOFTWARE SOLUTION

TagControl™, a user friendly application, has been developed by EAM RFID Solutions to give clients the ability to easily interact with their products for manufacturing, shipping and inventory location. The system is designed to reduce the complexity that often comes when dealing with the functionality of RFID and other Auto-ID applications. The desktop application has an intuitive interface that feels familiar to existing Microsoft® Office applications while the Web application is accessible through most browsers and on mobile devices. The application is built with minimal dependencies for quick and easy deployment.

### COMPLIANCE WITH INTERNATIONAL STANDARDS

- EPC Tag Data Standard 1.6
- ISO/IEC 18000-6C
- Chapter 9.5 of ATA Spec 2000



A DIVISION OF EAM WORLDWIDE

EAM RFID Solutions is a division of EAM Worldwide, the leader in high-quality safety equipment including custom life vests, rafts and survival kits. Celebrating 65 successful years in business, EAM Worldwide continually delivers exceptional client service and innovative products and technology. Along with its worldwide network of repair stations and distributors, EAM Worldwide is headquartered in Miami, Florida and has a global sales office in Dubai, UAE.

## ADVANCED INNOVATION TO OPTIMIZE THE POSSIBILITIES

FOR MORE INFORMATION  
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