



RFID solutions

Enabling paperless aircraft operations

Transforming our industry

The aerospace industry is complex and global. This means stakeholders need reliability, transparency and ease of use when it comes to tracking their components through the every day teams of suppliers and delivery systems. The era of paperwork and manual entry are no longer the most dependable, or the most time and cost-effective processes to follow.

Today you must stay ahead of the trends to benefit from the most modern component traceability and visibility systems on the market. This not only ensures you achieve maximum return on investment; it also enhances both aircraft operation and safety.

Brady understands the challenges this presents in the industry.



Parts OEM (Original Equipment Manufacturer)

- Compliance to Original Aircraft Manufacturer requirements
- Visibility into the maintenance of rotatable, repairable, warranty and life-limited parts



Aircraft OEM

- Inefficiency and gaps of accuracy of delivery documents
- Airline customers beginning to demand digital documentation



MRO (Maintenance Repair and Operations)

- Forecasting and inventory planning
- Part staging and availability
- Predictive maintenance



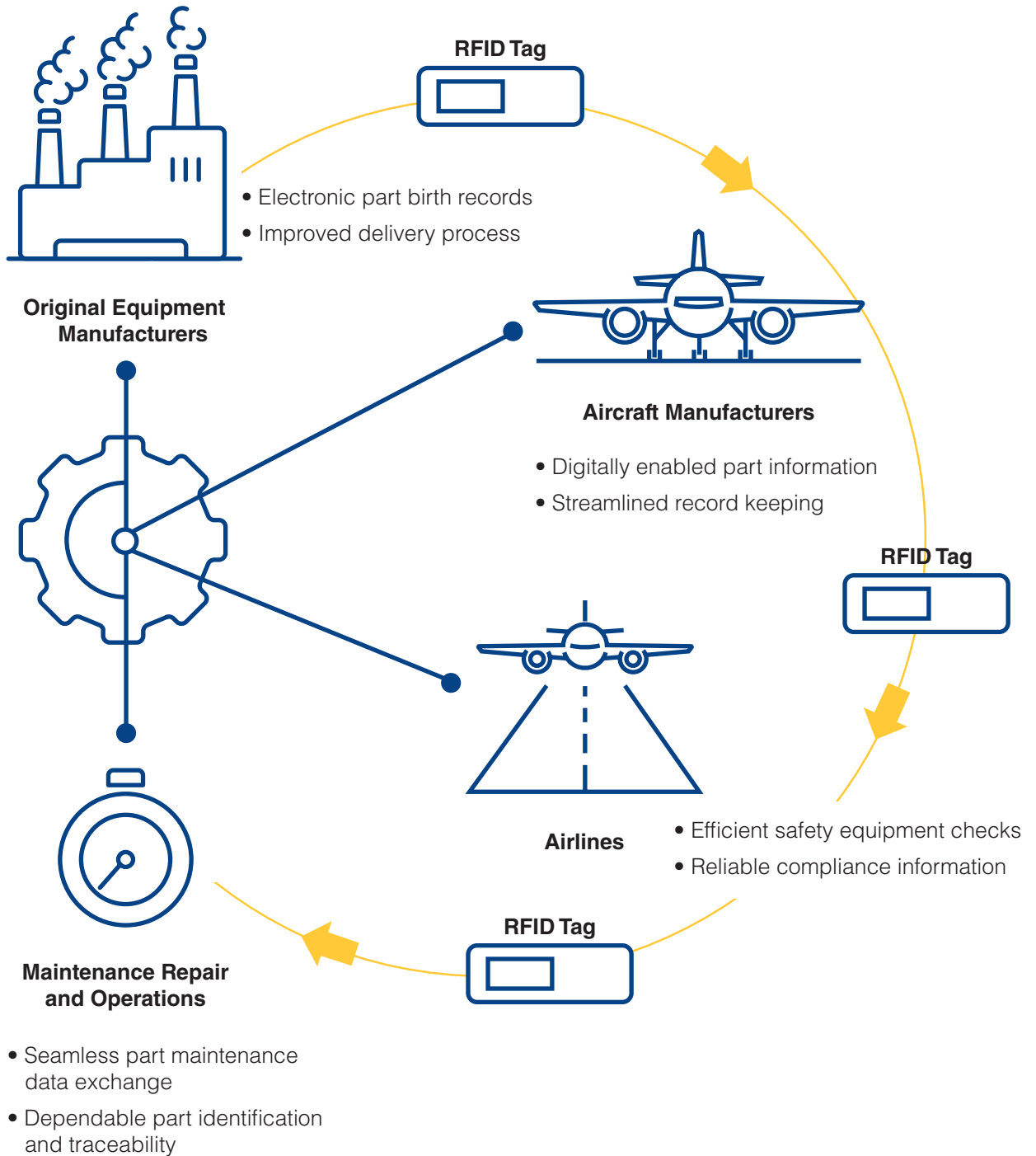
Airline

- Manual safety equipment management procedures
- Compliance and presence of safety components

The future ... here today

Smart RFID part marking is the answer to the growing need for efficient and error-proof identification and management of aircraft components.

The scope of efficiency savings generated by RFID part making is realized at all levels of aircraft manufacturing and assembly from part-creation to customer operations.



Your partner in RFID solutions

Brady is your partner on the journey to implementing RFID solutions. There are a lot of considerations about how implementing RFID will impact your processes. We understand the process – and have shared important considerations below.



Needs assessment

Is RFID a requirement, or are you implementing it to improve your own operations, or both? We can help your company understand how the technology can improve your logistical operations, evaluate system integration options, and help assess the best ways you can leverage the technology.



Label application

RFID label performance is impacted by environment, orientation of the label, and many other considerations. There are also the physical performance considerations such as fluid exposure, cleaning processes and repair processes. As an expert in identification solutions, Brady has a lot of experience and best practices we can apply to your unique application.



Artwork design

As part of our ATA template design, we help design artwork so that your labels can be compliant, and meet your own requirements. Whether this means implementing a 2-D data matrix with some unique information, or adding your company logo, we ensure your labels are compliant to industry standards.



Implementation

Installation of RFID equipment is a change in process. We will work with your team to identify the stakeholders, talk through the installation and implementation process, and work with you every step of the way so that you can make a smooth transition to using the technology.



Continued support

Brady remains an active member of the governing agencies and working groups that manage RFID, nameplate, data requirements and other specifications within aerospace. We pass this knowledge onto our customers and we will continue to support our solutions and software as specification updates are released.

The most trusted and innovative solutions

We are leaders in the aerospace industry




Known for high performance, reliability, ease of use and quality, Brady has been serving the industry for 50 years. Committed to excellence, we satisfy the most challenging applications, serving clients with the highest of standards, like Airbus and Boeing, as well as many other industry leaders as their identification solution of choice.

Committed to excellence: tested and approved

Boeing	Airbus	Standards Agencies
<ul style="list-style-type: none"> • D6-84731 • BAC5307 	<ul style="list-style-type: none"> • ABS1860 	<ul style="list-style-type: none"> • SAE AS5678A • DO-160 • ATA Spec 2000

The largest selection of aerospace RFID labels

These are the ultimate tools to simplify and automate your traceability process:

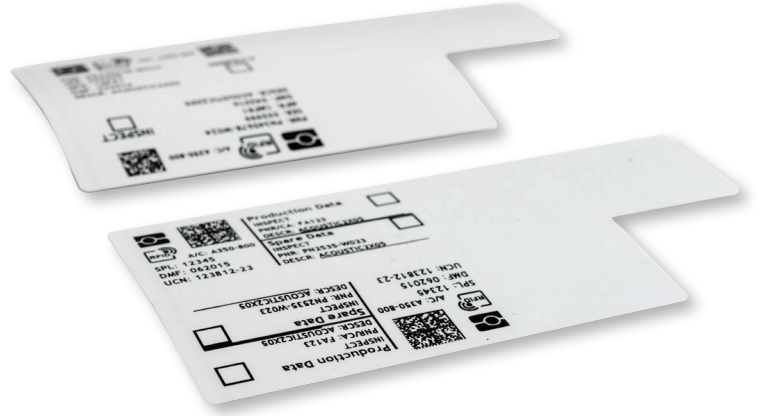
Summary	Compliance
 <p>Alloy tags are ideal as a primary or secondary part mark. They may be printed and encoded in one easy step. No topcoat is needed, and all data is verified compliant with the current version of the ATA Spec-2000. Alloy labels are also flexible, and perfect for curved surfaces.</p>	<ul style="list-style-type: none"> • SAE AS5678A (2015-12-01) • ATA Spec 2000, Chapters 9-4, 9-5 & Appendix 11 • FAA Advisory Circular AC 20-162A • Boeing D6-84731 • Boeing BAC5307 • RTCA / DO-160 • Airbus nameplates and RFID part marking X11SP1404009 • Airbus ABS1860
 <p>Rigid tags are for applications where high-performance is required, and the physical footprint is compact. These perform well under extreme conditions, and are available in both dual-record, and multi-record memory configurations. Encoded using a handheld encoding method – which we support with our ATA Tag Commander software.</p>	<ul style="list-style-type: none"> • SAE AS5678A (2015-12-01) • ATA Spec 2000, Chapters 9-4, 9-5 & Appendix 11 • FAA Advisory Circular AC 20-162A • RTCA / DO-160 • Boeing D6-84731 • Boeing BAC5307
 <p>Air tags are commonly used for in-cabin applications, such as life vests and oxygen generators. Available in multiple configurations, we continue to adapt our designs to meet our customers' requests.</p> <p>Single Record, Dual Record, Tamper-Evident Flag (for on-metal applications) and High-temperature</p>	<ul style="list-style-type: none"> • SAE AS5678A (2015-12-01) • ATA Spec 2000, Chapters 9-4, 9-5 & Appendix 11 • FAA advisory circular AC 20-162A • RTCA / DO-160 • Boeing D6-84731 • Boeing BAC5307

Pre-printed and encoded RFID labels

Our pre-printed RFID label services allow you to quickly and easily integrate RFID tagging into your part production process.

What you get

- Compliance with Boeing and Airbus artwork and data requirements
- All encoded information validated and records provided
- ATA Spec-2000 compliance
- Certificates of conformance
- Quick turn-around
- The same flexible, chemical-resistant Brady aerospace RFID labels used in OEM print systems



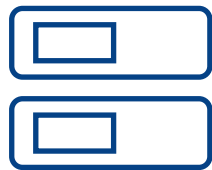
Benefits

- No capital investment needed
- No software training or printer operation required
- Immediately support multiple remote sites
- Pre-print service scales as your relabeling needs grow
- Evaluate RFID for efficiency gains within your company's own production process

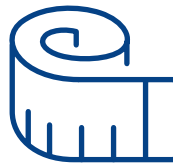
The process



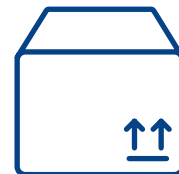
Printed/encoded information format is defined



Part birth-record data is provided to Brady



Labels are printed, encoded, verified and shipped



Labels received by customer and ready for production

On-site encoding and printing systems

Our RFID software and printer allow users to design, print and encode ATA-compliant RFID labels. These systems may be deployed as stand-alone systems, or may be integrated into databases for automatic part birth-record generation, printing and encoding. Our solution uses no middleware, and a non-proprietary document-based Bartender® software.

Printing and encoding software

- Bartender® RFID label design and label printing solutions
- Brady ATA desktop software suite including Boeing and Airbus – compliant baseline templates
- Seamless database ERP integration
- Full document-based solutions

Printer/encoder

- Thermal transfer printer and RFID encoder
- Seamless operation with Bartender® software
- Specialized templates ensuring compliance
- Roll-form media enables continual printing/encoding
- Validation of data encoding



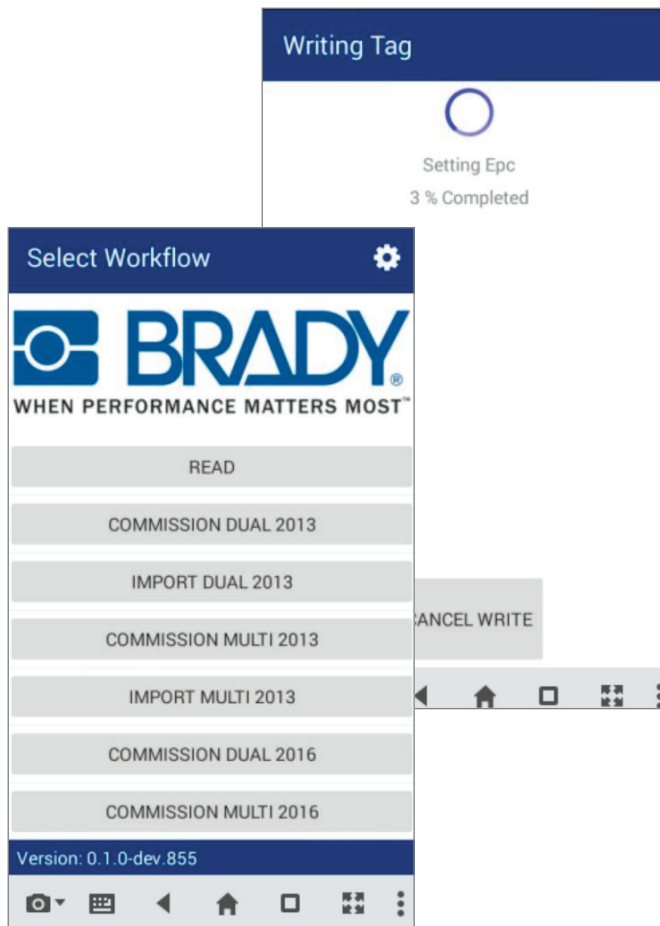
Mobile handheld writing and encoding

We also support multiple platforms for RFID readers/encoders with our ATA Tag Commander software.

Brady leverages cutting-edge device and software expertise to bring easy-to-use, sustainable handheld RFID reading and encoding software to the aerospace industry. The Brady ATA Tag Commander is a mobile application used to read and author RFID tags in compliance with the ATA specifications.

Born from the feedback of aircraft operations, the ATA Tag Commander software allows for users worldwide to commission, read and update RFID tags and/or databases with historical and/or current maintenance and other information that may be stored on the RFID chip.

Brady takes inter-operability seriously. Brady's Tag Commander software will read, write and update legacy RFID tags including Tego, Maintag and Fujitsu. We're continually developing and supporting our software to ensure compliance with the ATA and IATA's goals for inter-operability.



Full system integration

A fully automated RFID solution, including full systems integration, RFID readers and enterprise class software enables enterprise-level automation, complete with analytics and potential process improvements.



Full systems integration

- Highly customized needs analysis
- Integration with company ERP system
- Auto-writing data to RFID label printer
- Auto-writing back to ERP system



Enterprise class RFID software

- Increased forecast accuracy and reduced safety stocks in the supply chain
- Streamlined shipping costs, increased order accuracy and customer satisfaction in logistics
- Improved product quality, fewer returns, reduced downtime and reduced scrap in manufacturing and assembly
- Time savings, reduced cost and fewer audits in maintenance and repair



Brady solutions

Brady is an international manufacturer and marketer of complete solutions that identify and protect people, products and places. Brady has one of the largest durable identification label offerings on the market and is the preferred identification partner in many of the world's most demanding industries. Brady labels are engineered to stay in place, remain legible and perform in challenging conditions. Brady has a worldwide presence with offices and tech support close to you.

Learn more now about Brady label materials at: [BradyID.com/SmartID](https://bradyid.com/smartid).

USA
Customer Service: 1-888-272-3946
Inside Sales: 1-888-311-0775
[BradyID.com](https://bradyid.com)

Canada
Customer Service: 1-800-263-6179
[BradyCanada.ca](https://bradycanada.ca)

Mexico
Customer Service: 1-800-262-7777
Inside Sales: 1-800-262-7777 ext 177
[BradyLatinAmerica.com](https://bradylatinamerica.com)