TEGO

TegoAir for Compliance, Safety and Efficiency

A Safer, More Efficient Future

TegoAir is a fully compliant, high-performing traceability solution revolutionizing the way aerospace part suppliers, Original Equipment Manufacturer (OEM), airlines, and Maintenance, Repairs and Overhaul (MRO) organizations meet both a mandate and safety standards. The solution is commensurate with the Air Transport Association (ATA) Spec 2000 Chapter 9-5 code.

Tego inc is the leading Flyable Parts solution provider worldwide, offering the only turnkey solution available.

ABOUT

Revolutionizing Part Traceability with RFID

The "flyable parts" standard and ATA Spec 2000 Chapter 9-5 represent the bedrock of safety and operational integrity in commercial aerospace. At the forefront of modern aerospace logistics, this standard is an industry-critical one focused on Radio Frequency Identification (RFID) tags for automated part identification and data capture. This standard outlines specifications for various RFID tag types and data capacity, including Single-Record and Dual-Record tags, designed to enhance the traceability of aircraft components. The RFID tag itself stores essential identification data, the official record for a part remains securely on company servers, with the tag serving as valuable ancillary data. This system supports efficient data exchange and streamlines supply chain management, proving crucial for tracking parts throughout their decades-long lifecycle. For new customers, understanding this standard is vital for ensuring compliance, mitigating risks, and optimizing their operational supply chain.

In 2005, Tego pioneered the rugged UHF RFID chip, TegoChip™, that is the foundation for all flyable parts technology and solution deployments. The company co-authored the worldwide standard. Tego is committed, long-term, to assuring the ongoing compliance of suppliers, airlines and MRO organizations. TegoAir, is the company's flagship solution that is not only high-performing but also fully compliant, delivering traceability of parts and components from original tagging to installation to ongoing maintenance, repair and overhaul.

Visibility, Traceability and Compliance

TegoAir is a turnkey solution giving suppliers, OEMs, airlines, and MROs a comprehensive solution that supports traceability, reduces costs, and meets compliance requirements. With specialized rugged hardware, operator compliant software, and hands-on services, Tego facilitates ATA compliance across the ecosystem. More specifically:

- **For suppliers**: a tagging solution integrates seamlessly into enterprise-wide operational systems to deliver a seamless digitalization of parts and components across manufacturing lines
- **For OEMs**, a standardized approach toward more reliable, full digital inspection and verification during final assembly and delivery to customers.
- **For Airlines**, a hands-on solution for flight and ground crew personnel reporting the status of safety equipment and cabin interior parts, to speed up pre-flight inspections
- **For MRO providers**, the digital, lifecycle history on the part itself for every aircraft's part presenting for maintenance. Digital certificates of authenticity improve oversight and reduce risk of counterfeits in the supply chain.

TegoHub™

TegoHub™ is the enterprise interface that captures real-time data from every interaction with each part and component, across vendors and processes completed. It integrates with existing ERP, EAM, and aviation maintenance platforms, enabling part-level visibility, audit logs, and alerts.

From seat and safety gear inspections to component replacement histories, TegoHub delivers the confidence that comes with clear, accurate data—direct from the field.

- Enterprise-wide visibility of tagged parts, fleet-wide and individual plane reporting to assist with automated airworthiness checks and MRO processes
- Reduction of part and component pre-expiry waste
- End-to-end audit trail and digital documentation
- Certified lifecycle history for every component, accessible
- Elimination of paper-based logs and reduced human error
- Improved safety and quality control with accurate part condition data

A Turnkey Solution for Seamless Part Traceability and Regulatory Compliance

30%

Increase in the useful life of parts, to achieve significant material cost savings.

Launching an ATA compliant program requires collaboration with a partner who has specialized expertise and an established history of aerospace success. This collaboration reduces risk and provides crucial advantages.

Tego has two decades of expertise and experience developing its platform that delivers flexibility, real-time insight, and seamless integration across teams and tiers of the aerospace ecosystem. Cloud infrastructure, mobile tools, and intelligent automation are prerequisites for automated compliance.

Tego meets this need with an end-to-end solution that supports a global standard and delivers real-time insights for the people who need them most.

Tego Solves Business Problems

Tego is the architect, deployer and servicer of a solution that combines edge devices, intelligent software, and hands-on services - engineered for the realities of industrial operations.

Differentiated from other platform solutions that only automate and collect data, TegoHub also pulls and pushes data from other systems (ERP, MES, WMS and others), offering a completely integrated digital solution with powerful real-time analytics and true business insights. Our tailored services support your environment, your workflows, and your goals for today, tomorrow and always.

Tego Delivers Value and Compliance for:

OEMs

- Reduce final inspection times.
- Establish digital audit trail for regulatory compliance.
- Expose rogue and nearly expired parts before delivery.
- Provide accurate "as delivered" configuration to customer to streamline acceptance.

Airlines

- Shorten gate turnaround times.
- Eliminate wasted cost of pre-expiry replacements.
- Increase inspection accuracy.
- Digitize inspection logs for audit preparation.
- Ensure up-to-date equipment condition.
- Digitize process compliance records

MROs

- Significantly improve maintenance turnaround times leveraging digital documentation.
- Know precise repair and condition history no matter the asset or the location.
- Guarantee every part's accurate flight hours and ensure each achieves its full lifetime value.
- Update digital information on every part, at every interaction, across the ecosystem during the part's entire lifecycle.
- Enable tighter inventory controls.
- Eliminate paper-based recordkeeping and data entry errors.

Real-World Results

$4M
cost savings per plane configuration

60x
time reduction performing equipment inspection

20%
extension of useful life for emergency equipment

$2^{+}M
annual maintenance savings per plane

A Solution Provider with End to End Responsibility. We're with you Every Step of the Way.

1

Audit & Assessment

Every engagement begins with a deep understanding of your operation.

- Facility walk-throughs and workflow observation
- Assessment of materials, inventory, workflows, and digital maturity
- Review of current systems, processes, and workforce needs

This assessment lays the foundation for a solution that accurately reflects how your organization works, how data flows and assures maximum impact of the solution when deployed.

2

Design the End-to-End Solution

We build a complete, right-sized solution aligned with your use cases and scalable for growth.

- Hardware selection and procurement – selection of auto-ID devices, sensors, and edge components tailored for your environment
- System design & configuration – including modeling of coverage areas, workflows, data, labeling formats, and access roles
- Application ready – a configured app is plug-and-play ready for item tracking, task logging, and field mobility, ready for warehouse, production, and field environments
- Label design and management –including integration into your labeling systems (e.g. SAP), and management of front-end label software

③ Integrate Hardware, Configure Software & Monitor Systems

We bring it all together and make sure it works in your environment.

- Provisioning, configuration and proactive maintenance of devices
- Software implementation: TegoHub™ and TegoConnect™ Fixed and Mobile
- System configuration and integration with ERP, MES, WMS, and other business platforms
- Validation of workflows and data models in production

④ Rollout, Train & Support

Our work doesn't end at go-live. We stay involved to ensure adoption, minimize deployment risk, and optimize performance over time.

- Go-Live Support – Onsite and remote support from subject matter experts to assist with issue resolution during go-live
- Training Services – "Train the trainer" education for administrators and frontline champions, customized to your operation and supported with clear documentation
- Ongoing Support – Remote technical support, system updates, proactive maintenance, and roadmap planning

TEGO

Start Connecting Now

Discover how Tego can help your team get ahead of today's demands—and tomorrow's.

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