

# INTRODUCTION TO THE ATA SPEC 2000 STANDARD

## MASTER THE ATA SPEC 2000 STANDARD FOR OPTIMIZED LOGISTICS AND AVIATION DATA EXCHANGE

Course ID	STID-ACD-GEN-15
Duration	1 day
Format	ILT / OST
Certified Training	Yes
Languages	FR/EN

In the ever-evolving aerospace and logistics sectors, standardized and secure data exchange has become essential for ensuring operational efficiency, traceability, and compliance with global regulations. The ATA Spec 2000 Standard is an industry-wide framework used to streamline data communication between manufacturers, airlines, suppliers, and service providers. This training course will provide a comprehensive understanding of the standard, equipping participants with the skills to optimize data exchange, enhance supply chain performance, and ensure full regulatory compliance. Through a combination of theory, case studies, and practical applications, attendees will learn how to implement the ATA Spec 2000 standard effectively to maximize business performance and facilitate seamless communication across the industry.

### PREREQUISITES

- Basic understanding of logistics processes or supply chain management.
- Familiarity with industry data exchange standards (helpful but not required).
- No advanced technical knowledge required

### AUDIENCE

This training is designed for professionals who want to implement and manage the ATA Spec 2000 Standard, including:

- Installers & Integrators
- Administrators & Security Managers
- Project Managers & System Engineers
- Logistics & Supply Chain Managers
- Commercial Teams & Compliance Officers

### LEARNING OBJECTIVES



**Understand the fundamental principles** of the ATA Spec 2000 Standard and its role in aviation and logistics data management.



**Ensure compliance with global standards** and best practices for seamless and secure data exchange.



**Optimize stock management**, traceability of aircraft components, and automated supply chain processes using ATA Spec 2000.



**Implement the standard** within an existing infrastructure while maintaining interoperability with other industry protocols.



**Identify and address challenges related to integrating the standard into complex data systems.**



**Prepare for upcoming regulatory** and technological developments to ensure future-proof operations.

## DETAILED COURSE OUTLINE

### INTRODUCTION TO THE ATA SPEC 2000 STANDARD

- History and evolution of the standard in aerospace and logistics.
- The strategic role of ATA Spec 2000 in structured data communication.
- Regulatory compliance and its impact on inventory and maintenance management.

### MODULE 1: STRUCTURE ET COMPOSANTES DE L'ATA SPEC 2000

- Breakdown of key sections of the standard.
- Data formats and communication protocols.
- Integration of ATA Spec 2000 into ERP and SCM systems.

### MODULE 2: PROTOCOL OPTIMIZATION & CONFIGURATION BEST PRACTICES

- Optimizing communication parameters for long-range UHF RFID.
- Interoperability strategies: Ensuring compatibility with different RFID readers and systems.
- Configuring advanced SSCP UHF settings for improved efficiency and security.

### MODULE 3: IMPLEMENTING ATA SPEC 2000

- Migration strategies and best practices for integrating the standard into an existing infrastructure.
- Ensuring interoperability with other aviation and logistics protocols.
- Case studies: successful implementations of ATA Spec 2000 in major organizations.

### MODULE 4: SECURITY & COMPLIANCE

- Data security best practices in the aviation and logistics sectors.
- Compliance with international regulations and certification requirements.
- Ensuring data integrity and system security in line with industry standards.

### MODULE 5: CASE STUDIES AND HANDS-ON EXERCISES

- Practical implementation of a real-world data exchange scenario using ATA Spec 2000.
- Analyzing and solving common challenges in integration projects.
- Final assessment and Q&A with industry experts.

## CERTIFICATION

A **STid Certificate of Completion** will be issued to participants who successfully complete the training.

## FORMATS D'APPRENTISSAGE



### **ILT (Instructor-Led Training):**

Experience hands-on training at STid's headquarters, led by experts in a fully equipped environment. Benefit from live demonstrations, interactive exercises, and direct engagement with STid specialists for an optimal learning experience.



### **OST (On-Site Client Training):**

Tailored training delivered at your site, adapted to your infrastructure, security needs, and equipment for a fully personalized learning experience.

## SCHEDULE AND REGISTRATION

To check the schedule, pricing, or register for the course:



[customer.training@stid.com](mailto:customer.training@stid.com)

### **Learn more at :**

[www.stid.com](http://www.stid.com)



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