■ ATA e-Business Program Overview

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ATA e-Business Program

ATA e-Business Program

- International standards program for information exchange
- Support engineering, maintenance, materiel management and flight operations (civil aviation).
- Open membership
    - 118 Member companies
    - 33 Countries
    - 800 Individual active participants
- Neutral/consensus-based environment
- Administered by Airlines for America, formerly Air Transport Association (non profit)
- http://www.ataebiz.org

History

- Beginning – late 1950s
  - Spec 100 – Technical Data Standards
  - Spec 200 – Materiel Data Standards (IBM Punch Cards)
- Standards Evolved and Expanded
  - Changing business needs
  - Technological advances
- Today
  - Broad suite of industry standards and data definitions
  - Long list of adopters
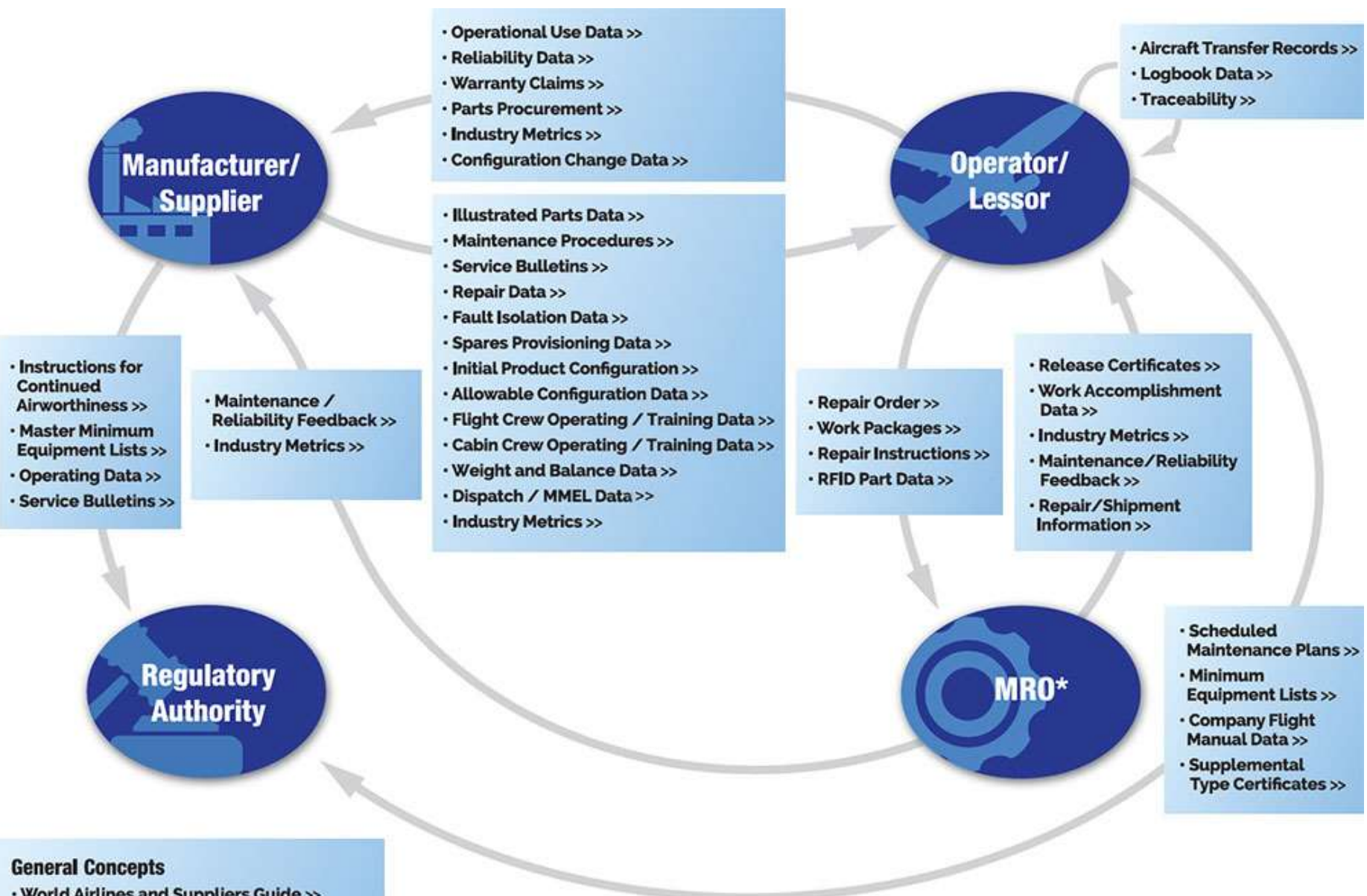 - Standards deeply embedded in industry systems and processes

Vision

**Enable the seamless
exchange and availability
of digital information
throughout the
civil aviation industry.**

Mission

Provide the aviation industry with benchmark information standards in support of aircraft maintenance and operations.

We are committed to evolving shared standards and promoting implementation to contribute to increased business agility and reduced costs, while maintaining the highest levels of safety.

Manufacturer/Supplier

- Operational Use Data >>
- Reliability Data >>
- Warranty Claims >>
- Parts Procurement >>
- Industry Metrics >>
- Configuration Change Data >>

Operator/Lessor

- Aircraft Transfer Records >>
- Logbook Data >>
- Traceability >>

- Illustrated Parts Data >>
- Maintenance Procedures >>
- Service Bulletins >>
- Repair Data >>
- Fault Isolation Data >>
- Spares Provisioning Data >>
- Initial Product Configuration >>
- Allowable Configuration Data >>
- Flight Crew Operating / Training Data >>
- Cabin Crew Operating / Training Data >>
- Weight and Balance Data >>
- Dispatch / MMEL Data >>
- Industry Metrics >>

- Instructions for Continued Airworthiness >>
- Master Minimum Equipment Lists >>
- Operating Data >>
- Service Bulletins >>

- Maintenance / Reliability Feedback >>
- Industry Metrics >>

- Repair Order >>
- Work Packages >>
- Repair Instructions >>
- RFID Part Data >>

- Release Certificates >>
- Work Accomplishment Data >>
- Industry Metrics >>
- Maintenance/Reliability Feedback >>
- Repair/Shipment Information >>

Regulatory Authority

MRO*

- Scheduled Maintenance Plans >>
- Minimum Equipment Lists >>
- Company Flight Manual Data >>
- Supplemental Type Certificates >>

General Concepts
- World Airlines and Suppliers Guide >>
- Information Security / Digital Signatures >>
- ATA Standard Numbering System >>
- Graphics and Multimedia >>
- RFID / Bar Coding on Parts >>
- Industry Data Dictionary (CSDD) >>

Functional Scope

ATA e-Business Standards

Common Support Data Dictionary (CSDD)

iSpec 2200 - Information Standards for Aviation Maint.

iSpec 2200 Extract - ATA Standard Numbering System

S1000D, International Specification for Tech. Publications

Spec 1000BR - Civil Aviation S1000D Business Rules

Spec 2000 - Provisioning (ch. 1)

Spec 2000 - Procurement Planning (ch. 2)

Spec 2000 - Materiel Management (ch. 3 – 4, 6)

Spec 2000 - Repair Order Administration (ch. 7)

Spec 2000 - Automated ID& Data Capture (ch. 9)

Spec 2000 - Reliability Data Collection and Exch. (ch. 11)

Spec 2000 - Airline Inventory Redistribution System (ch.12)

Spec 2000 - Industry Metrics (ch. 13)

Spec 2000 - Warranty Claims (ch. 14)

Spec 2000 - Aircraft Transfer Parts List (ch. 15)

Spec 2000 - Authorized Release Certificate (ch. 16)

Spec 2000 - Electronic Logbook (ch. 17)

Spec 2300 - Data Exchange Standard for Flight Ops

Spec 2500: Aircraft Transfer Records

Spec 42 - Aviation Industry Stds for Digital Info. Security

World Airlines and Suppliers Guide (WASG)

Spec 100 - Manufacturers Technical Data

Spec 101 - Ground Equipment Technical Data

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ATA, AIA, ASD Collaboration (S1000D)

ATA e-Business Program - Membership

Acumen Aviation	Cathay Pacific Airways Ltd	Hong Kong Aircraft Engineering Co.	SAP AG
Advanced Project Consulting, LLC	CHUOZUKEN CO., LTD	Horizon Air	Satair A/S
AerCap	CIT Aerospace	Inpaer Easy Aircraft	Saudi Arabian Airlines
AerData	CloudCARDS Limited	International Air Transport Association	SDL
AEROCONTROLEX GROUP, INC.	Communications Software	Inventory Locator Service	Shanghai Aviation Industrial Co.
Aeroinfo Systems	Compagnie Aeriene ASKY	JANA, Inc.	SITA
Aeromexico	Continental DataGraphics	Japan Airlines	Sonovision Canada Inc.
Aerospace Software Development	CrossConsense GmbH & Co. KG	JetBlue Airways	Southwest Airlines
Aeroxchange Ltd.	Dassault	KLM Royal Dutch Airlines	Spirit AeroSystems Incorporated
Air Canada	Dayton T. Brown, Inc.	L-3 Communications	SR Technics Switzerland
Air New Zealand Limited	DIEHL AEROSPACE GMBH	LORD Corporation	Swiss AviationSoftware
Airbus	EAM RFID Solutions	Lufthansa Industry Solutions BS GmbH	TD&DS Technical Doc & Data Svcs
Airbus Group	Eaton Aerospace	Lufthansa Technik AG	Technology Solutions
Airbus Helicopters	Embraer	Meggitt	Tego, Inc.
Alaska Airlines	Esterline Corporation	MORPHO	Teledyne Controls
AMAC Aerospace	EvaAviation.com Co.	myTECHNIC MRO Technical Svcs	Thales Avionics
American Airlines	FedEx	Nabtesco Aerospace	Thomas Cook Airlines Ltd
AMPLEXOR	Finnair	O'Neil & Associates	Thrane & Thrane / Cobham SATCOM
Atlas Air	Flatirons Jouve	Panasonic Avionics Corporation	TRAX USA Corp
ATR	FUJITSU LIMITED	Parametric Technology Corporation	TXCOM Group
Auburn University - RFID Lab	Gables Engineering	Parker Hannifin	United Airlines
Aviall Services	GE Aviation	Pratt & Whitney	UPS Airlines
Avio-Diepen.B.V.	GE Capital Aviation Services Ltd.	Proto Type Industries, Inc.	UTC Aerospace Systems
B/E Aerospace, Inc.	GGS	Qantas Airways	VAS Aero Services, LLC
BAE Systems	GMF AeroAsia	Rockwell Collins	W. S. Wilson Corporation
Boeing	Hawaiian Airlines	Rolls-Royce	warp it AG
Bombardier Aerospace	Hexagon US Federal	Rusada Software	Woodward, Inc.
Brady Corporation	HiCo-ICS GmbH	SAAB	Zodiac Aerospace
British Airways	Honda Aircraft Company, LLC	SAFRAN Aircraft Engines	
Bruno Chatel (Chadocs)	Honeywell	Safran Landing Systems/Safran Group	

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