



ATA e-BUSINESS PROGRAM

Overview

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ATA Overview

■ Air Transport Association (U.S. Airlines)

- Background/History
- Membership/Role/Mission



AIR TRANSPORT ASSOCIATION

■ ATA e-Business Program (International)

- Vision/Mission/Scope
- Organizational Structure
- Membership
- Projects



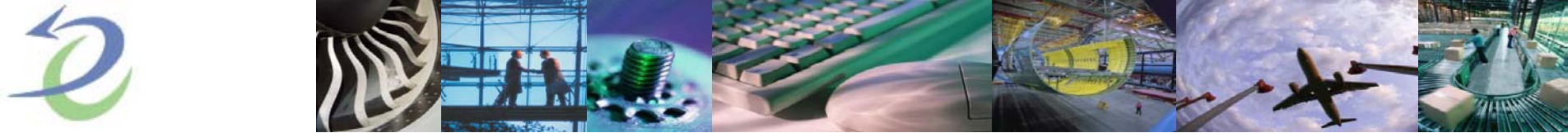
ATA e-BUSINESS PROGRAM

■ Q&A



Air Transport Association

- Airline trade association - not-for-profit
- Based in Washington D.C. - 80 Employees
- Founded 1936 by 14 airlines
- Current membership – 19 airlines
 - 11 Passenger Carriers
 - 5 All-Cargo Carriers
 - 3 Associate Members (International Airlines)
- Member carriers handle 90% cargo/passenger traffic in the U.S.
- Industry Membership/Partners (non-airlines)
 - 47 Companies



Air Transport Association Members

Airline Members

ABX Air, Inc. (GB)

AirTran Airways (FL)

Alaska Airlines, Inc. (AS)

American Airlines, Inc. (AA)

ASTAR Air Cargo, Inc. (ER)

Atlas Air, Inc. (5Y)

Continental Airlines, Inc. (CO)

Delta Air Lines, Inc. (DL)

Evergreen International Airlines (EZ)

Federal Express Corporation (FX)

Hawaiian Airlines (HA)

JetBlue Airways Corp. (B6)

Southwest Airlines Co. (WN)

United Airlines, Inc. (UA)

UPS Airlines (5X)

US Airways, Inc. (US)

Associate Airline Members

Air Canada (AC)

Air Jamaica Ltd. (JM)

Mexicana (MX)



ATA Purpose

- Purpose is to foster a business and regulatory environment that ensures safe and secure air transportation and enables airlines to flourish, stimulating economic growth.
- Non-competitive issues
- History
 - Creation of the Civil Aeronautics Board
 - Creation of the Federal Aviation Administration
 - Creation of the air traffic control system
 - Airline deregulation
 - Aftermath 9/11



ATA Activities Today

- Reauthorizing FAA
- Modernizing the air traffic control system
- Stopping oil speculation from driving up fuel prices
- Advocating fair airline taxation and regulation
- Transmitting technical expertise and operational knowledge to improve safety, service and efficiency
- Publishing numerous guidelines and standards
 - [e-Business \(through the ATA e-Business Program\)](#)
 - Operations
 - Safety
 - Other/Misc



ATA e-Business Program

- International standards program
- Membership open to the world's airlines, suppliers, repair agencies, solution providers, etc.
- Consensus-based
- Independent business unit (not for profit)
 - Separate membership from ATA
 - 119 Member companies
 - 1,660 Individual volunteers
- Vision, mission, strategy and goals



ATA e-Business Program - 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 list of standards and data definitions
 - Long list of adopters
 - Standards deeply embedded in industry systems and processes



Vision

- To be an agile, cost effective, global commercial aviation industry enabled through effective and efficient information sharing.
 - Information is as dynamic as the business environment
 - Business models can be effectively adjusted in a timely manner as conditions require
 - Minimal data processing for distribution or consumption
 - Information is complete and ready for consumption when provided



Mission

- Establish a global commercial aviation industry **information framework** that facilitates improved business agility, reduces costs, increases speed of business, and maintains the highest level of safety.

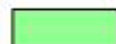
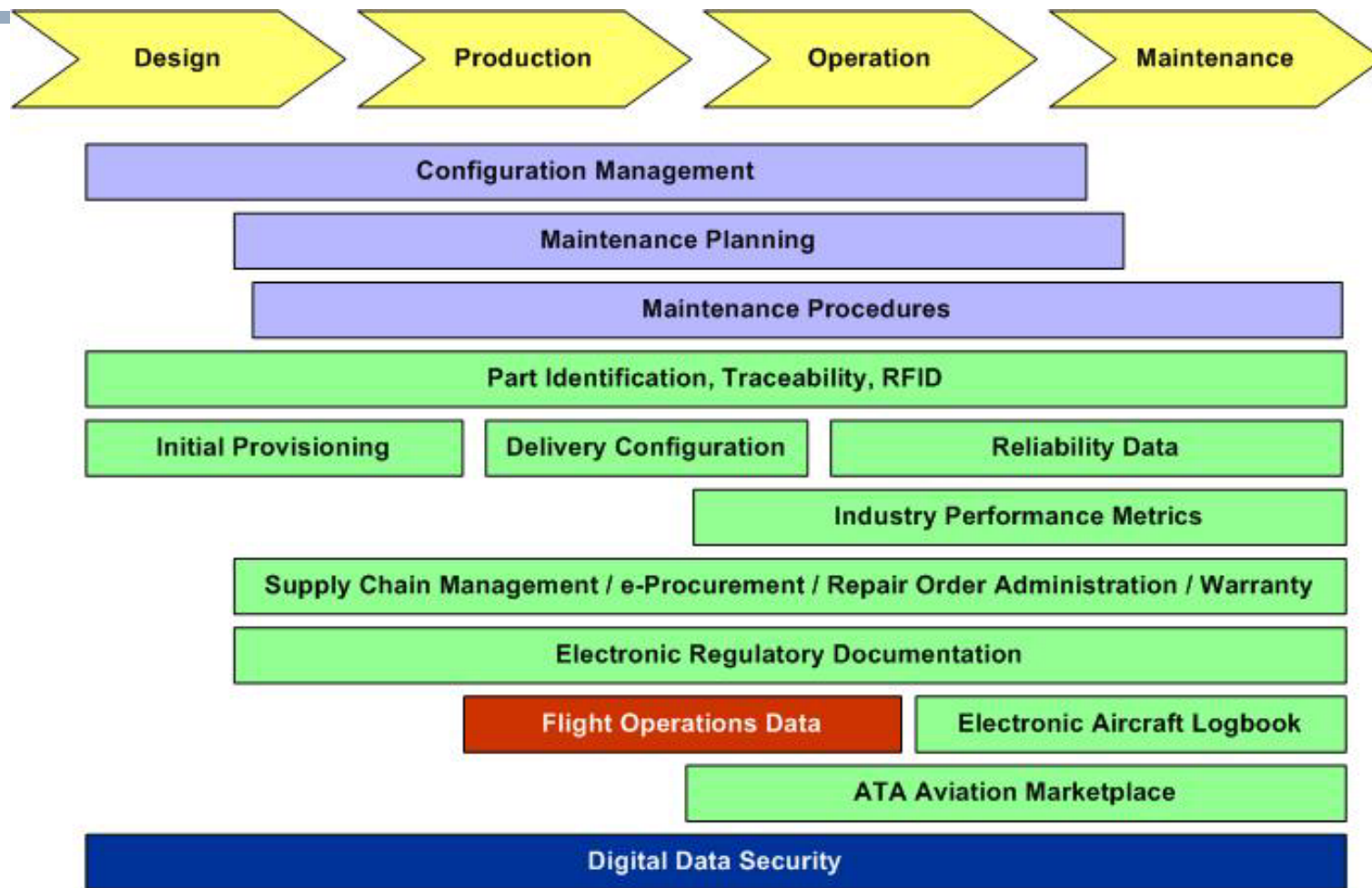


Guiding Principles

- Information-centric rather than document-centric
- Platform neutral – open architecture
- Consistent data structures, definitions and properties across all applications of the data
- Leverage other standards where applicable
- Enable an appropriate level of data security for the application
- Meet all applicable regulatory requirements



Functional Scope



Spec 2000



Spec 42



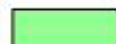
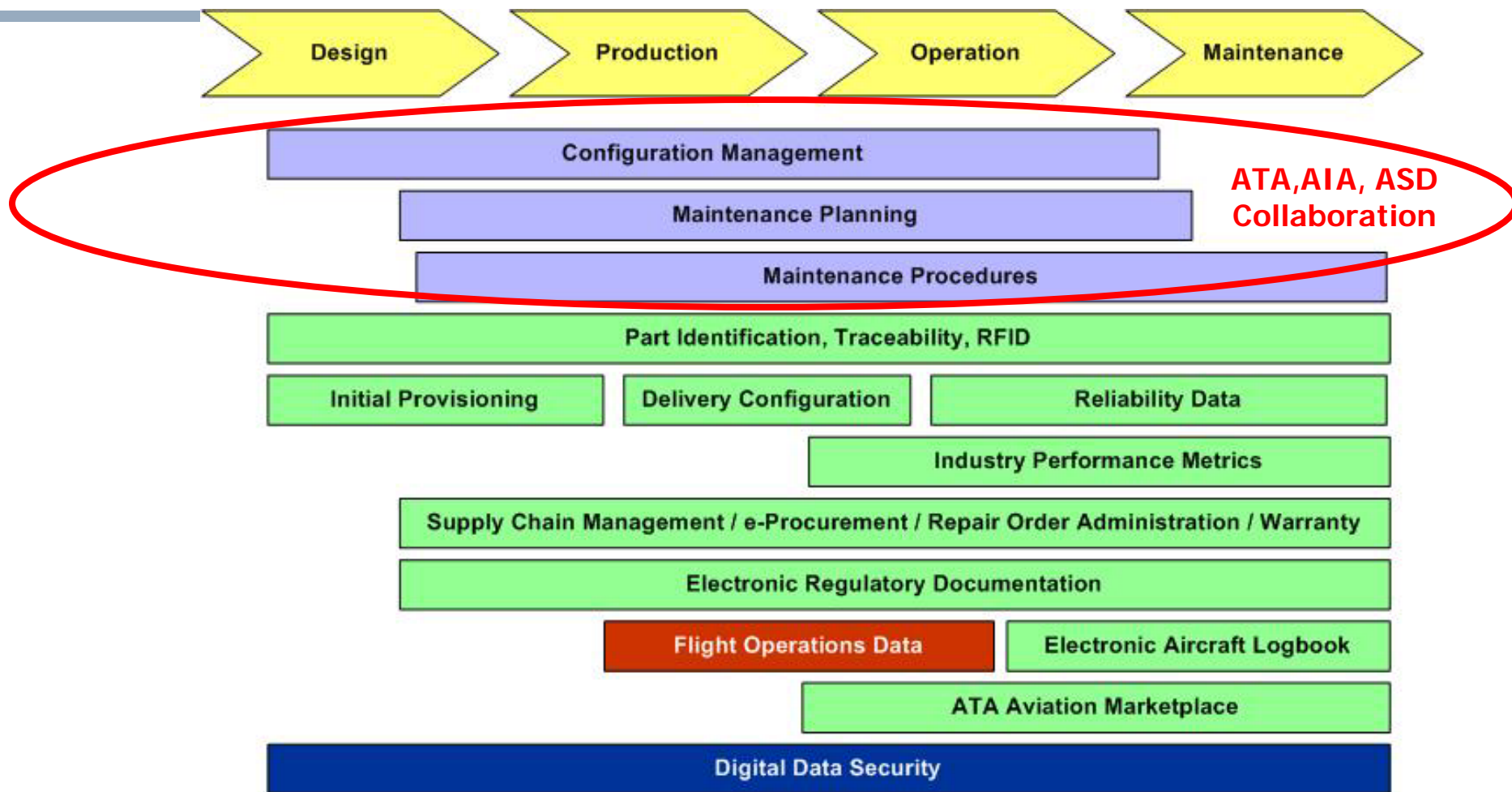
ISpec 2200 / S1000D



Spec 2300



Functional Scope



Spec 2000



Spec 42



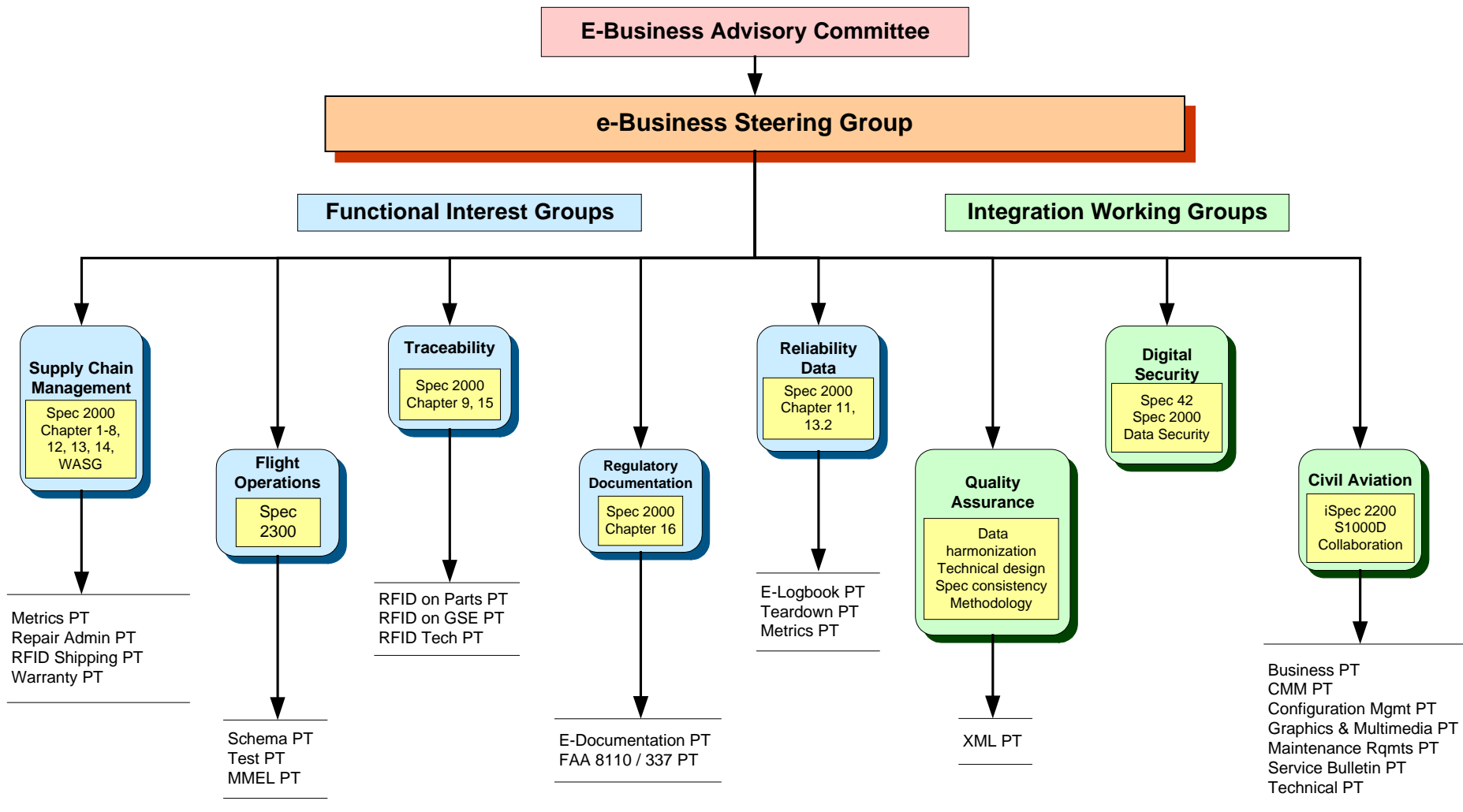
iSpec 2200 / S1000D



Spec 2300



ATA e-Business Committee Structure





Project List

- e-Logbook Standards
- Information Security Standards and Web Seminars
- Information Standards for Flight Operations Data
- Next Generation Technical Data Standards (S1000D)
- Regulatory Documentation Standards
- Reliability Data Standards
- Enhancements to Supply Chain Management Standards



Project List (cont'd)

- RFID Tags on Aircraft Parts
- RFID Tags to Support Part Shipments
- RFID Tags on Tools, Test and Ground Equipment
- Warranty Administration Standards
- XML Strategy for Quality, Consistency and Best Practices
- Industry Performance Metrics
- Repair Administration Standards



ATA e-Business Program Members (119)

ABX Air	CORENA	Inventory Locator Service	SAP AG
Aeroinfo Systems	Crane Aerospace & Electronics	JANA, Inc.	Shanghai Aircraft Customer Svc Co.
ARSA	Critical Technologies	Japan Airlines	SITA
Aerospace Software Development	Dassault	Jeppesen	SNECMA
Aeroxchange Ltd.	DCA-BR	JetBlue Airways	Southwest Airlines
Air Canada	Delta Air Lines	KLM Royal Dutch Airlines	Spirit AeroSystems Incorporated
Air France	DIEHL AEROSPACE GMBH	L-3 Communications	SR Technics Switzerland
Air New Zealand Limited	EADS	Lufthansa Technik AG	Swiss AviationSoftware
Air Transport Association	Eaton Aerospace	MacSema	TAI - Tusas Aerospace Industries
Airbus	Efasoft Inc.	MAINTag	TANNER AG
Aircraft Inventory Mgmt & Svcs	Embraer	Meggitt Aircraft Braking Systems	Technology Solutions
Alaska Airlines	EmpowerMX	Messier-Dowty	Tectura Corporation
American Airlines	ESIS	Mexicana Airlines	Tego, Inc.
Appendix-Sonovision ITEP	FedEx	Moog Inc.	Teledyne Controls
ARINC	Finnair	Mxi Technologies Ltd	Thai Airways International
ATC Lasham Ltd	FUJITSU LIMITED	Nabtesco Aerospace	Thales Avionics
Aviall Services	Gables Engineering	Northrop Grumman	Thomas Cook Airlines Ltd
Avio-Diepen.B.V.	GE Aviation	Office of the Secretary of Defense	Timco Aviation Services
BAE Systems	GE Transportation	OmegaBlue, Inc.	TRAX USA Corp
BAE Systems Australia	GGG INFORMATION SERVICES	O'Neil & Associates	Turkish Airlines
Boeing	Goodrich	Panasonic Avionics Corporation	United Airlines
Bombardier Aerospace	Hamilton Sundstrand	Parker Hannifin	UPS Airlines
Bruno Chatel (Chadocs)	Hawaiian Airlines	Pratt & Whitney	US Airways
Cambridge UK Auto-ID Lab	Heath Tecna Inc.	Qantas Airways	Virgin Atlantic Airways
Carillon Information Security	Honeywell	Qatar Airways	W. S. Wilson Corporation
CHC Helicopter Corporation	INFOSYS TECHNOLOGIES LTD	RFIDsec	warp it AG
CHUOZUKEN CO., LTD	InfoTrust Group	Rockwell Collins	Weber Aircraft, LLC
Communications Software Ltd	Inmedius, Inc.	Rolls-Royce	Woodward Aircraft Engine Systems
Continental Airlines	Intelleflex Corporation	Rusada SA	XyEnterprise
Continental DataGraphics	International Aero Engines	SAAB	



Collaborative Web Site

www.ataebiz.org

- Self sign-up for any/all groups
- View rosters and contact info
- Join group discussions (email lists, etc.)
- Access group documents, agendas, summaries, and discussions
- Access group calendars with all activities
- Vote in informal polls
- Receive automatic email notification of changes



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