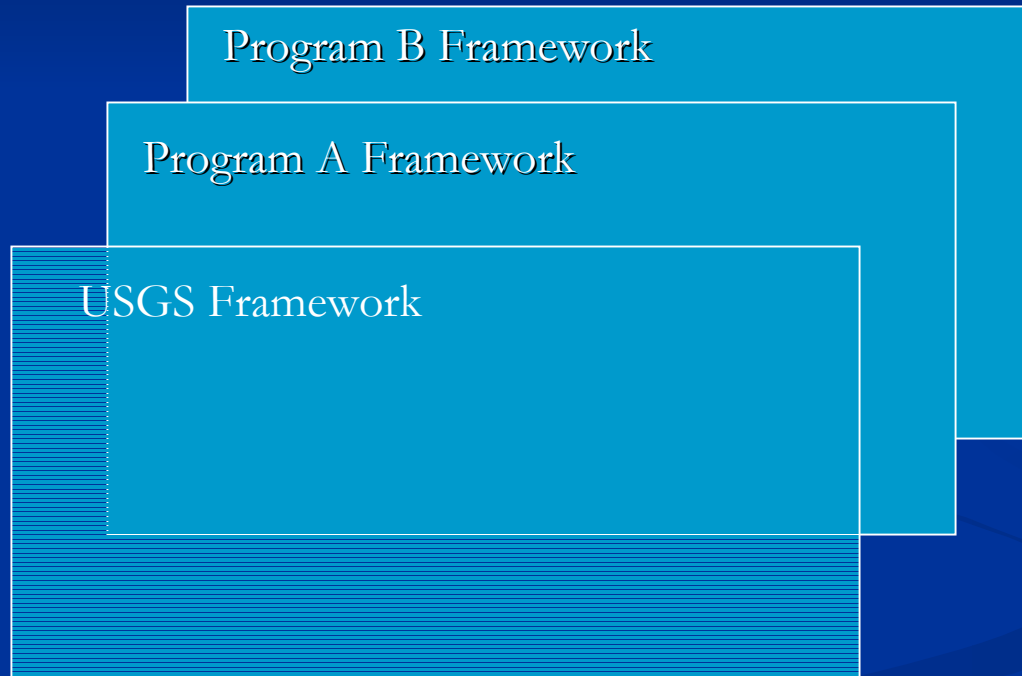


USGS Enterprise Architecture Plan

EA Tiger Team
4-4-02

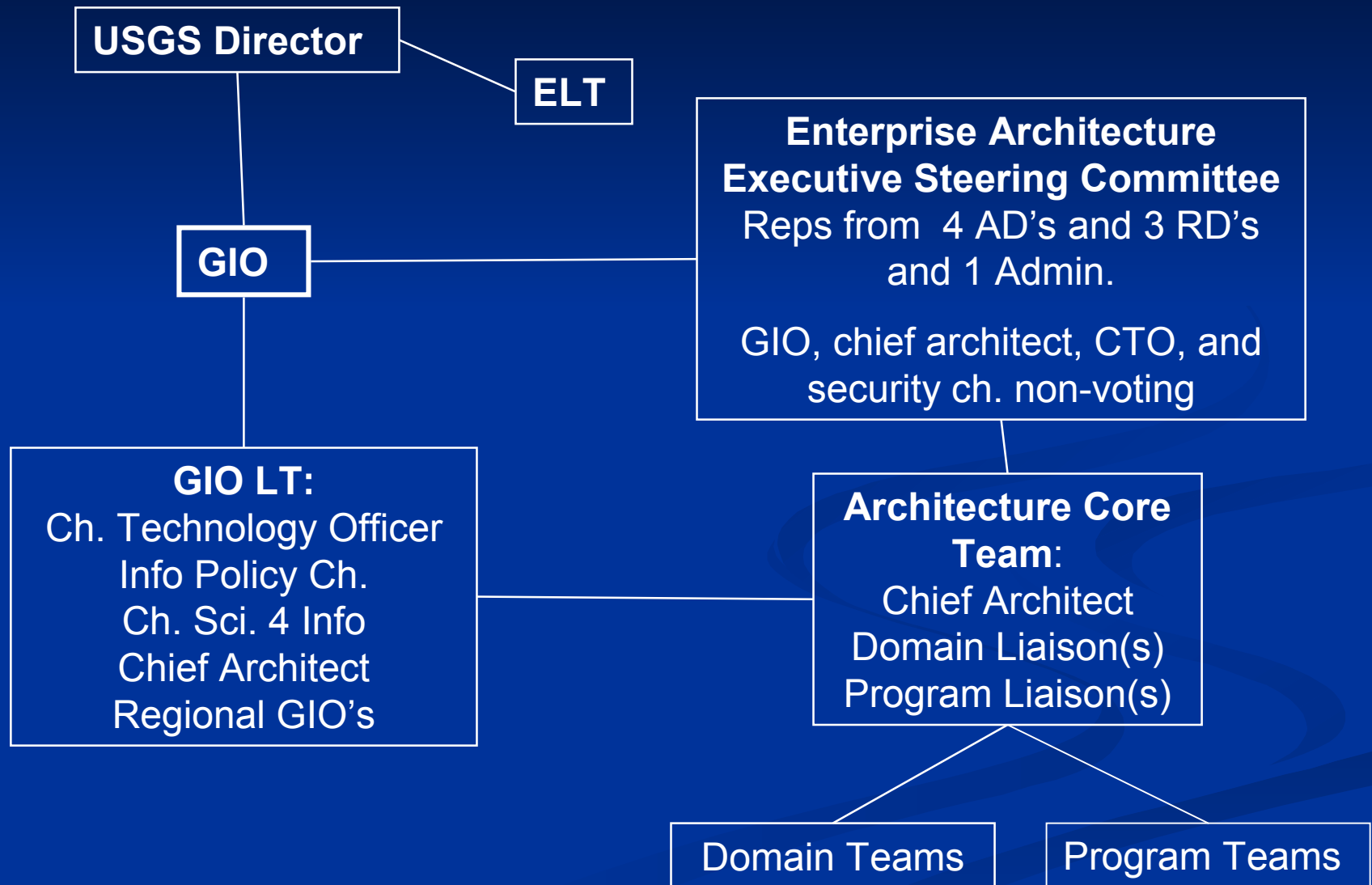
Conceptual Achitecture Framework



Deliverables

- Tiger Team Report with Appendices:
 - Enterprise Architecture Executive Steering Committee Charter
 - Enterprise Architecture Core Team Charter
- Powerpoint Briefings for GIOLT
- Draft Guidance and Principles
- Quick Place repository of references
- Suggested sequence of steps

Information Architecture Org. Chart



Enterprise Architecture Executive Steering Committee

- Ensuring the EA is in alignment with scientific and administrative functions
- Approving the enterprise architecture core teams plans
- Approving the initial enterprise architecture
- Approving significant changes to the architecture
- Establishes and controls the process and approval thresholds to ensure compliance with EA

Enterprise Architecture Executive Steering Committee

- Chair is a scientist appointed by the GIO, annually renewable
- Reps from 4 AD's and 3 RD's and 1 Admin.
 - Staggered 3 year terms
 - 10-15% fte each
- GIO, chief architect, CTO, and security ch. non-voting
- Executive Secretary 30+% FTE
- Meets at least quarterly
- Decisions by 75% majority

Enterprise Architecture Core Team

- Chief Architect
 - Heads the Enterprise Architecture Program Management Office, organizes and manages the Enterprise Architecture core team; directs development of the baseline and target architecture.
- Program Liaison (2)
 - Coordinate, communicate and facilitate the Bureau scientific and administrative views (rows 1 and 2 of Zachman) and strategic planning teams.
- Domain Liaison (2)
(matrix from CTO)
 - Coordinate, communicate and facilitate the Bureau current and future technology teams (domains), (rows 3-5 of Zachman). Coordinates with the DoI domain teams.

Domain Liaison Options

- Option A: Two FTEs selected to facilitate technical requirements with DoI Domains and the Technical Reference Model. These individuals will also work with the CTO to identify the Bureau IT teams and the development of the Bureau domains.
- Option B: The CTO assigns two FTE's to facilitate technical requirements with DoI Domains and the Technical Reference Model. These individuals will also work with the CTO to identify the Bureau IT teams and the development of the Bureau domains.

Functions below need support (e.g. contract)

Analyst	Analyzes and documents scientific and administrative processes, scenarios, and information flow.
Technical Writer	Ensures that policies, guidebooks, and other documentation within the Enterprise Architecture repository are clear, concise, usable, and conform to configuration management standards.
Quality Assurance	Ensures that all established program and project standards, processes, and practices are met.
Risk Management	Identifies, monitors, and controls risks in light of environmental factors and constraints.
Configuration and tool Control	Assures that all changes are identified, tracked, monitored, and appropriately documented.

Suggested sequence of steps

- EA Tiger Team Report Adopted
- Select Chief Architect
- Select Core Team
- Core Team Develop Statement Of Work For Contractor
- Select EA Steering Committee
- Core team develop EA Plan and steering committee approve

Outline for Statement of Work for Architecture contract

- Work closely with the architecture core team and steering committee, and program team
 - Focus on “program-architecture” (Federated Model)
 - Focus on Zachman rows 1 & 2 for “USGS Architecture”
 - Training/Mentoring USGS architecture workers and program leaders (steering committee)
 - Help develop communications plan:
 - Help prepare ‘road show’, website, newsletter?
 - Assist in tool evaluation for the repository

Contracting Guidelines

- Time and materials basis
- Work alongside USGS employees
- Experience base of architecture in the federal gov [3-5 yrs]
- Experience in business modeling
- Hire the person(s) not the organization
- 'Lease before you buy'