



Presentation to the Information Technology Committee

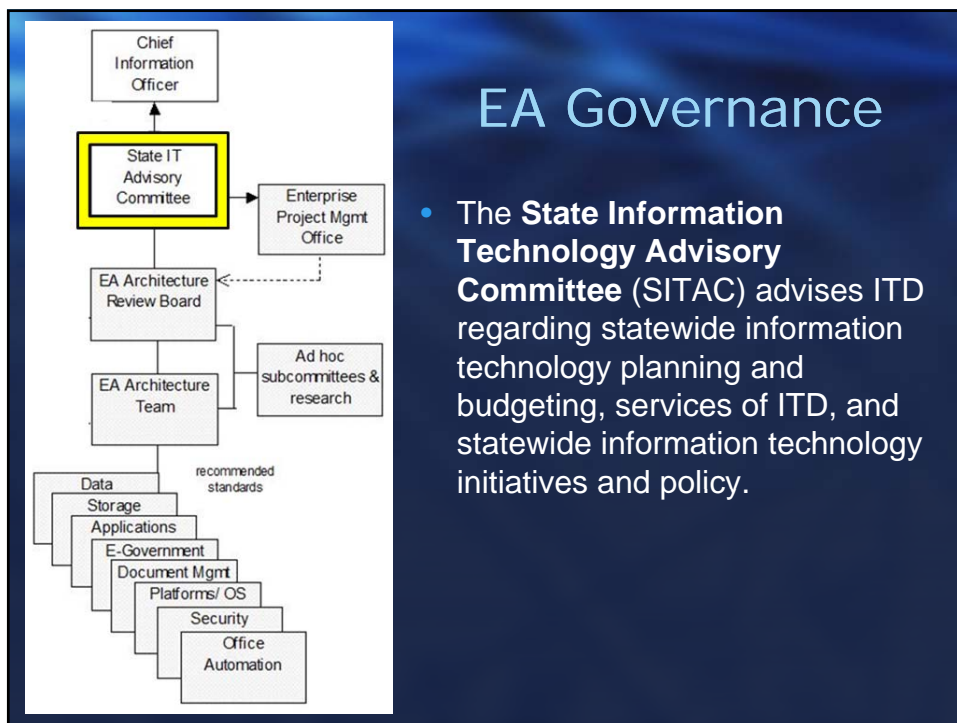
Tuesday, August 16, 2011
Harvest Room,
Bismarck, North Dakota

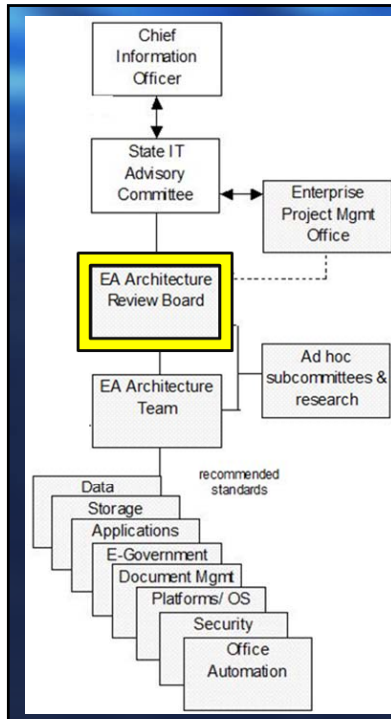


Gary Vetter, Director
Enterprise Services
Division

Enterprise Architecture

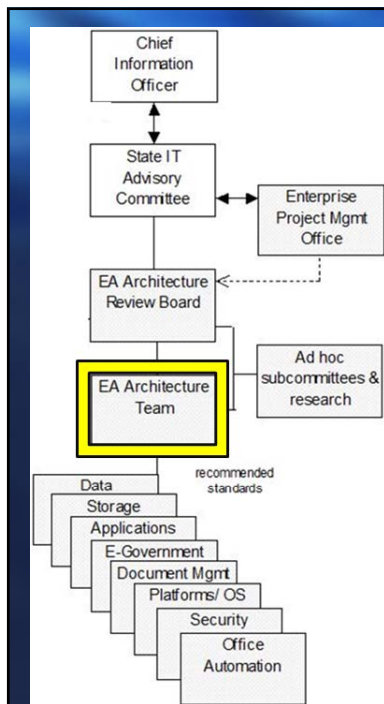
- Enterprise Architecture (EA) is a collaborative effort involving 142 people from 27 agencies from all three branches of North Dakota government.
- EA and IT Planning are supported by one FTE in the Enterprise Services Division.
- In 2001, EA replaced ITD's process for setting technical standards. In 2010, Business Architecture was added to the EA initiative in the form of the Project Management domain team.





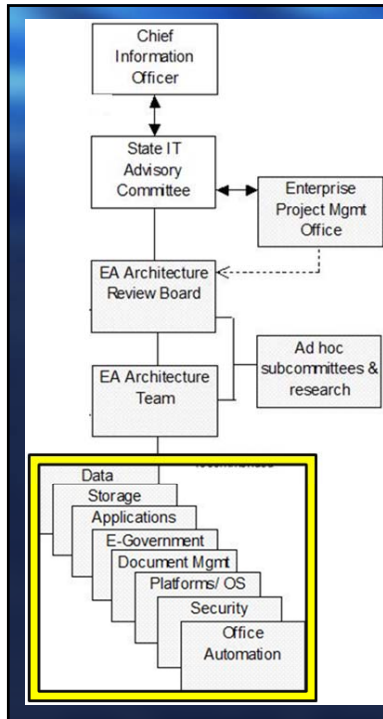
EA Governance

- The **Architecture Review Board (ARB)** reviews and approves both business and technical conceptual architectures. The ARB is responsible for recommending approval of enterprise standards, best practices and guidelines, and collaborating on enterprise architecture design principles.



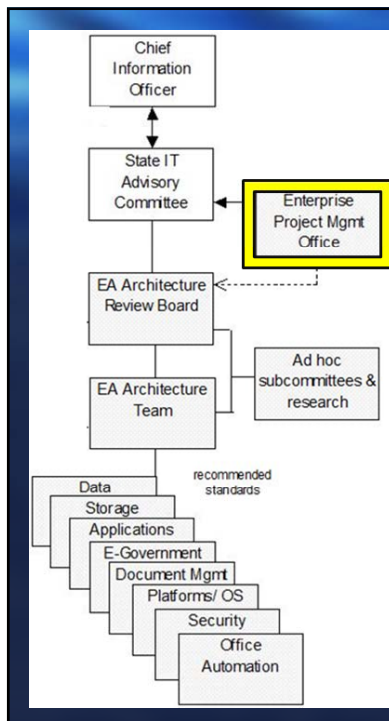
EA Governance

- The **Architecture Team (AT)** facilitates the technical enterprise architecture process, creates and maintains deliverables, communicates architecture standards to all interested parties, and reviews technology infrastructure projects for compliance to the architecture.



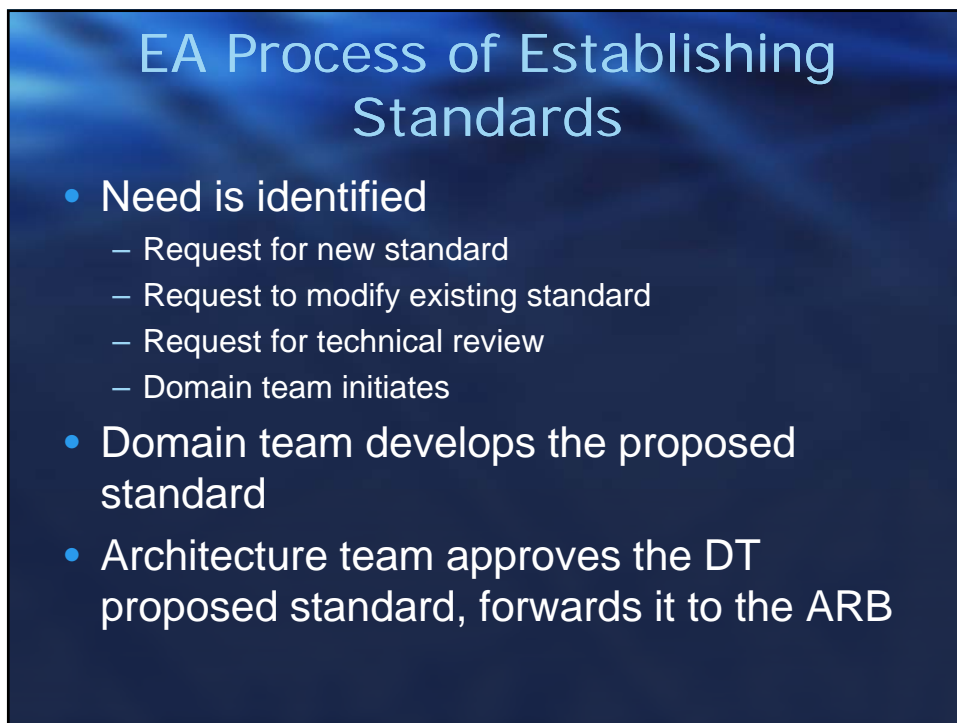
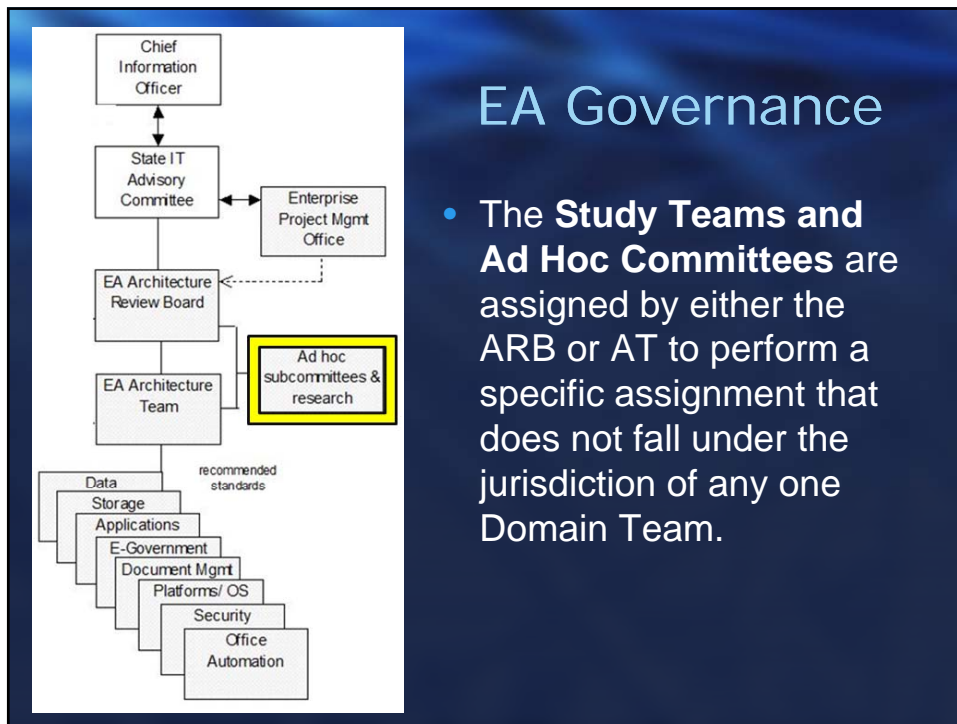
EA Governance

- The **Technical Domain Teams** define technical standards, standard configurations, and collaborate on enterprise architecture design principles with the architecture team.



EA Governance

- The **Business Domain Teams** collaborate on enterprise business architecture design principles with the ARB. The teams define standards, best practices and guidelines regarding enterprise business processes.



EA Process of Establishing Standards

- Architecture Review Board approves the standard submitted by the AT, forwards it to SITAC
- SITAC reviews the standard and advises the CIO
- EA website is updated, communication sent to IT Coordinates on new / modified standard
- Agencies comply with the standard or request a waiver

EA Summary of Standards

Domain Team	Standards	Guidelines
Application Software	3	
Communications	2	
Data & Information	3	2
Desktop	5	1
Document Management	6	
E-Government	4	3
Project Management	1	
Security	13	
Servers & Storage	1	

EA Standards and Guidelines can be found at:
<http://www.nd.gov/itd/standards/ea>

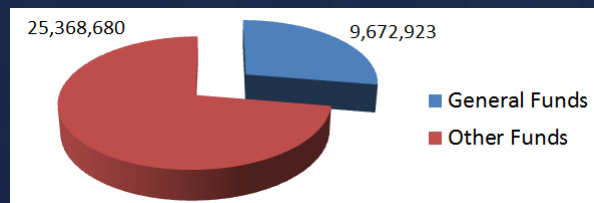
State IT Projects

- In even-numbered years, agencies submit IT plans that provided input to the State IT Advisory Committee's ranking process
- SITAC prioritized 13 projects in Sept. 2010
- 9 of the 13 were included in the Executive Budget Recommendation and funded by the Legislature

<http://www.nd.gov/itd/statewide-alliances/sitac/sitac-large-project-ranking>

State IT Projects

- 8 projects either carried over from previous biennium or originated after SITAC ranking
- A total of 17 Large IT Projects for 2011-13
 - Largest project: \$12,400,000
 - Projects one-million or more: 11
 - Total appropriations: \$35,041,603



State IT Projects

- Project details can be found:
 - By asking the agency
 - Reviewing IT Plans

<http://www.nd.gov/itd/service-info/state-agency-it-plans-2011-2013>
 - IT Project funding results can be found in Section K of State Budget Actions for the 2011-13 Biennium, published by the Legislative Council
- <http://www.legis.nd.gov/fiscal/biennium-reports/62-2011/budget-analysis/executive/pdf/statebudgetactions201113biennium.pdf>