



Virginia Information Technologies Agency

Enterprise Architecture

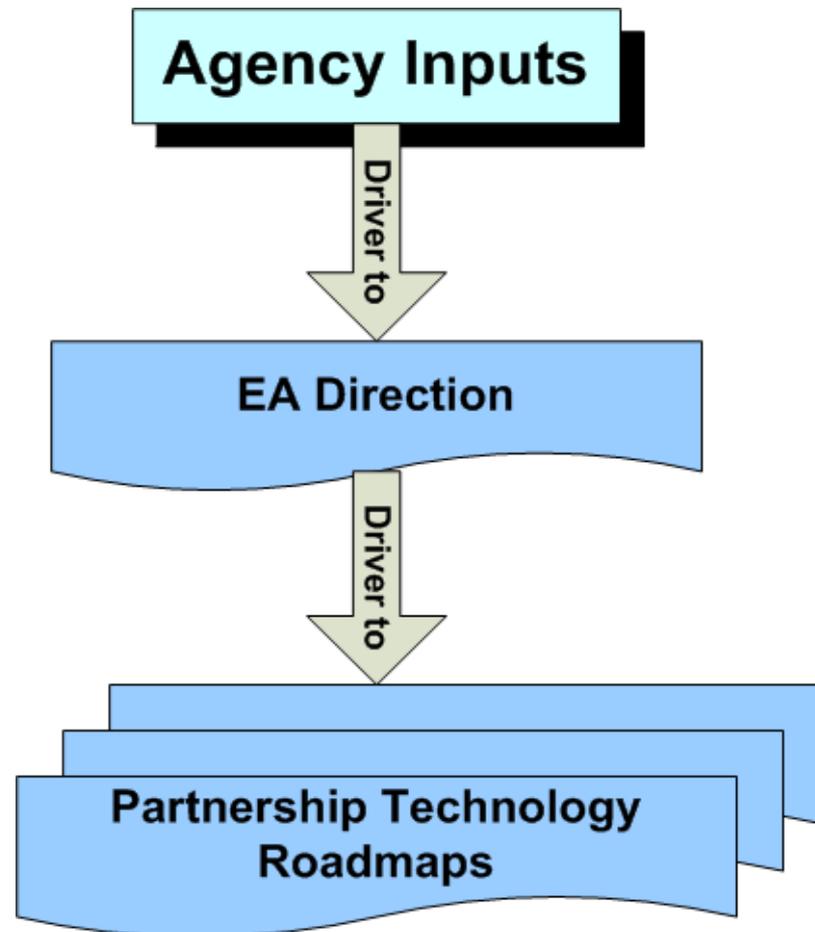
Driver to Partnerships Technology Roadmaps

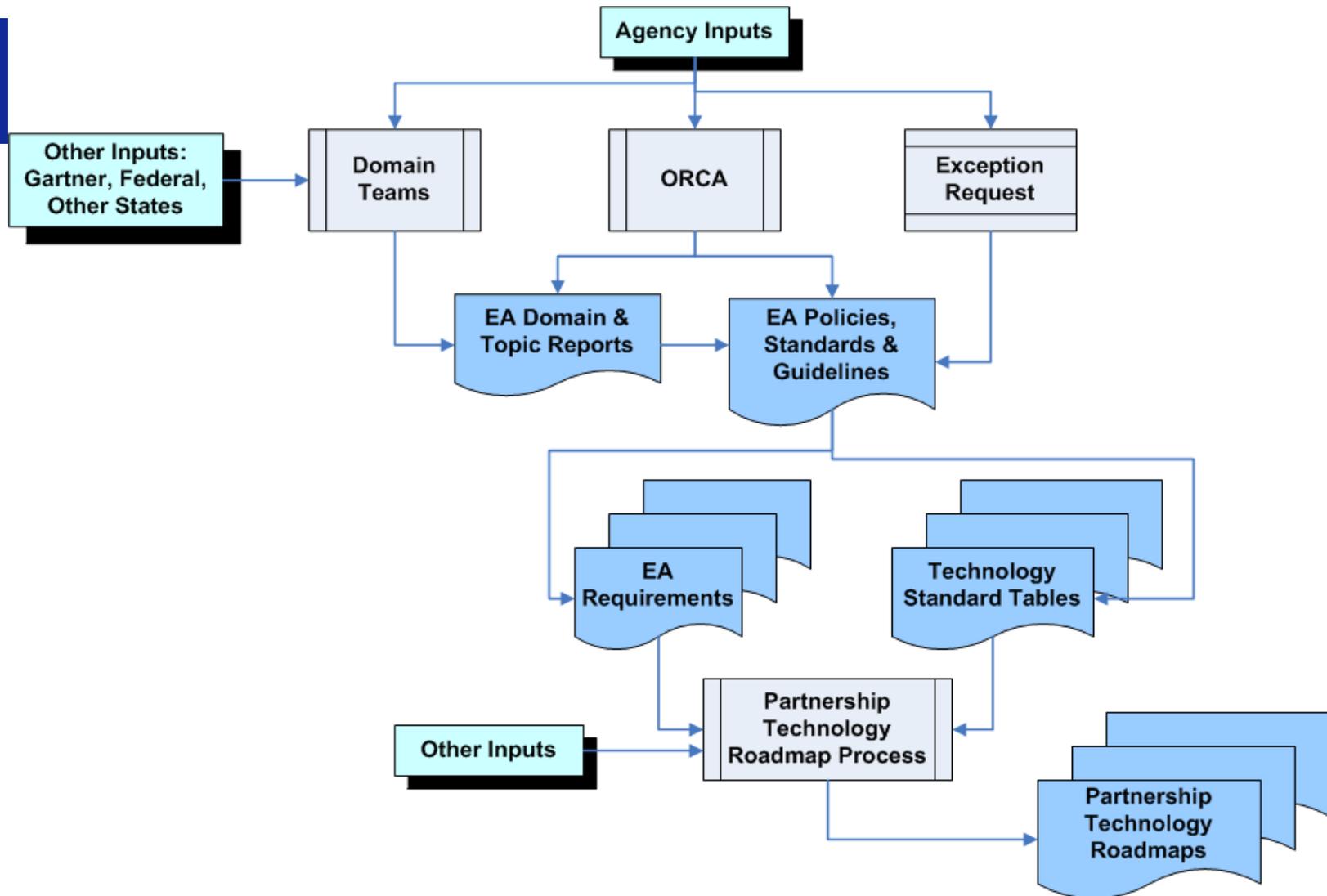
Agency Input Driver to EA

Todd Kissam

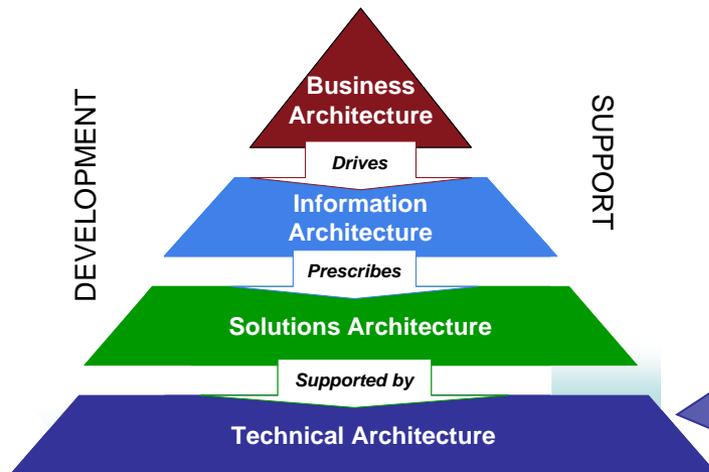
CIO/AITR Communications Exchange Meeting
Aug. 17, 2010

Simple View





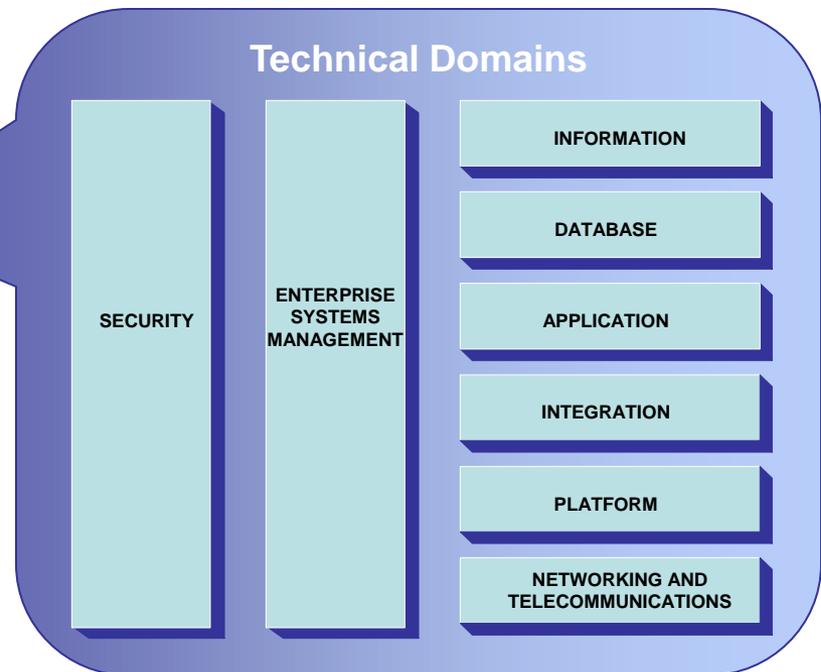
Enterprise Architecture

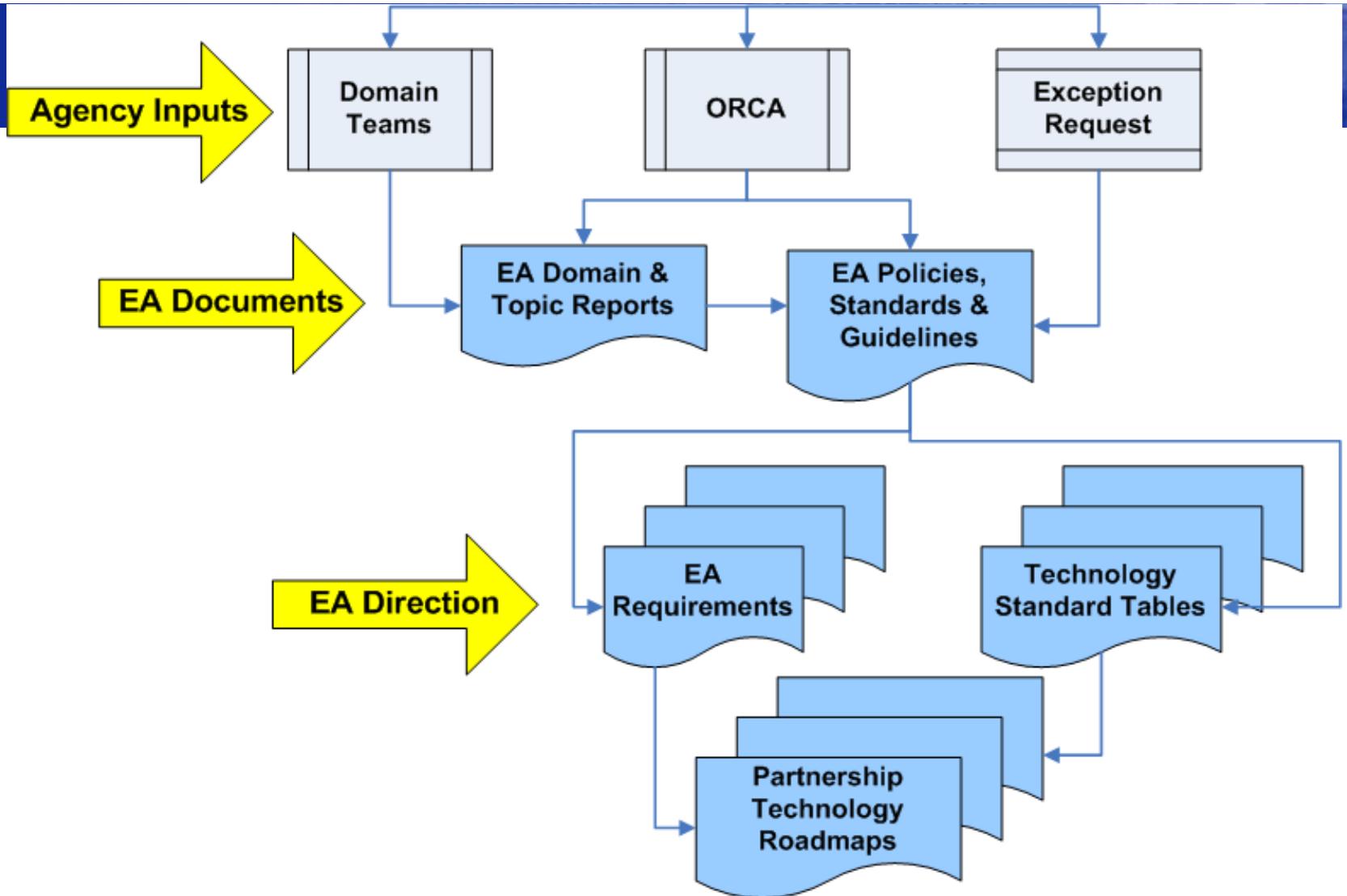


Enterprise Architecture Model

The Enterprise Technical Architecture (ETA) consists of eight technical domains that provide direction, recommendations, and requirements for supporting the Enterprise Solutions Architecture and for implementing the ETA.

Enterprise Technical Architecture







EA Documents



EA Documents & Related Processes

- ITRM Policies, Standard, Guidelines
 - Process defined in Standard on Development and Governance of Policies, Standards & Guidelines
- EA Reports
- Data Standards
 - Data Standardization Process
- Exception process defined in EA Policy



EA Documents: PSGs

- Policy - Provides general statements of purpose, direction and required activities for one or more defined areas of the ITRM framework
- Standard - Provides required technical or programmatic activities in detail for a specific area of the ITRM framework
- Guidelines - Provides information on optional activities related to an area of control for the Commonwealth's information technology resource management program. Activities in guidelines are considered to be best practices but are not required.



EA Reports

- Provides an all encompassing discussion of an Enterprise Architecture domain or topic including principles, recommended practices, requirements, standards, rationale and implications. Any requirements, standards or recommended practices presented within a report must be implemented by an ITRM Standard or Guideline.



EA Direction



EA Direction Types

- Requirements
- Recommended Practices
- Technology Standard Tables

- All of the above is summarized in EA Checklist
- All requirements & standards appear in single EA Standard



EA Requirements: Example

PLA-R-37: Supported Server Operating Systems – The release version levels of all server operating systems shall have vendor or equivalent level support. This support shall include security update and hotfix support. The use of unsupported open source server operating systems shall be avoided.



EA Technology Component Standard Tables

- Indicate what technologies or products that may be acquired/deployed at a particular point in time.
- Standard Tables Classifications
 - Strategic
 - Emerging
 - Transitional/Contained
 - Obsolescent/Rejected
- Subtle differences to NG definitions
- Scope is Commonwealth



Strategic

- This technology is considered a strategic component of the Commonwealth's Enterprise Technical Architecture. Strategic technologies define the desired "to-be" state of the Commonwealth.
- Before any updated or new Strategic technology can be deployed it must complete a formal operational review.



Emerging

- This technology requires additional evaluation in government and university settings.
- This technology may be used for evaluative or pilot testing deployments or in a higher education research environment.



Transitional/Contained

- This technology is not consistent with the Commonwealth's Enterprise Technical Architecture strategic direction.
- Agencies may use this technology only as a transitional strategy for moving to a strategic technology.



Obsolescent/Rejected

- This technology may be waning in use and support, and/or has been evaluated and found not to meet current Commonwealth Technical Architecture needs.
- Agencies shall not make any procurements or additional deployments of this technology.



Table PLA-S-01: PC Operating Systems

Strategic:

Windows XP Pro (with tested Service Packs)

Note: Windows 7 may be tested immediately in its release code or RC version and will be moved to strategic as soon as adequate evidence exists

Macintosh OS X v10.x



Agency Inputs



Agency Involvement

- EA PSGs: Domain team members
- Data Standards: Data Owners/Stewards
- ORCA commenting
- EA exceptions request
 - Can also request research or update



PSG & Report Process

- Identify and define needed effort/priority
- Establish stakeholder team
- Research and develop draft
- Internal reviews
- Post to ORCA for stakeholder review
- Address every comment
- Finalize and obtain CIO/SoTech approval
- Publish



On-line Review & Comment Application (ORCA)

- All AITRS and other stakeholders notified by email that document has been posted
- Most documents posted for 30 days
- Open to all stakeholders (including the public)
- Everyone who comments is contacted with a response
- Special 15 day comment period for administrative changes only (example: ITIB)



Questions