



Architecture Planning and Development for E-Enterprise

EN2014 Working Session - February 27, 2014



Goal: Finding the Common Denominator

- Identifying stakeholder business needs
- Input from States and Tribes on Environmental Mission and the linkage between Federal and State Mission and Programs
- Input from Programs on Environmental Mission and the linkage between Federal and State Mission and Programs via delegations
- Internal IT coordination within the Office of Environmental Information
- Collaboration with programmatic and state IT experts
- Locating existing solutions from the public and private sectors
- Identification of lessons learned

- Task 1: Strategic and Business Architecture
- Task 2: As-Is Shared Services
- Task 3: Functional Integration
- Task 4: Resource Optimization
- Task 5: Core Enterprise Components
- Task 6: Analysis for To-Be Shared Services
- Task 7: Planning for Future Architecture/Transition
- Task 8: Tools and Resources for CPIC
- Task 9: White Paper Development
- Task 10: Communications Support
- Task 11: Additional Enterprise Architecture Support



EA Task Order: What we want to do (1)

- Task 1: Strategic and Business Architecture
 - Goal: Establish a common view by mission function
- Task 2: As-Is Shared Services
 - Goal: Document what we have today
- Task 3: Functional Integration
 - Goal: Using Task 1 how can we integrate our services across Programs, and across Federal, State, and Tribal boundaries
- Task 4: Resource Optimization
 - Goal: Using Tasks 1 and 3 Find that lowest common denominator



EA Task Order: What we want to do (2)

- Task 5: Core Enterprise Components
 - Goal: Develop the architectural components for a core set of data directly reported to the EPA
- Task 6: Analysis for To-Be Shared Services
 - Goal: Using what we've discovered from the prior tasks to project into the future, what we need and where it might help
- Task 7: Planning for Future Architecture/Transition
 - Goal: Develop a plan to make our work to date real, prioritize and sequence the To-Be Services



EA Task Order: What we want to do (3)

- Task 8: Tools and Resources for CPIC
 - Goal: develop common documentation formats and information repositories to aid EPA Programs with CPIC development
- Task 9: White Paper Development
 - Goal: Inform the discussion with research into critical areas
- Task 10: Communications Support
 - Goal: Keep everyone up on what we're doing
- Task 11: Additional Enterprise Architecture Support
 - Goal: Collaborate with projects to help them use what we've accomplished



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E-Enterprise for the Environment

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Early input on State requirements and business needs for program modernization and centralized architecture.



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Ideas for how the Portal might support modernization and streamlining

- Serves as front door for regulated entities to understand what reporting requirements might apply and then directs them to appropriate state or EPA reporting tool.
- Replaces some TBD existing program specific reporting tools
- serves as the reporting tool for any new reporting requirements



Ideas for how the Portal might support modernization and streamlining

- An EPA Direct Report is able to be see its non-EPA environmental interests when at the E-Enterprise Portal?
- Portal Services that prepopulate information into smart forms?
- Other?



Other High-Level Program Modernization Discussion Questions

- What activities are going on in your organizations that might be ‘E-Enterprise like’? How can E-Enterprise support those activities?
- What might be some types of projects you would like to do that could be seeded using E-Enterprise grant funds?
- What are State/EPA program modernization opportunities?