



# Vendor Exchange Forum Problem Statements 1



## Vendor Exchange Forum: 11-13 February 2014

- **Scenario:** The AF Business and Enterprise Systems portfolio has several applications that are faced with having one investment-funded team (development contractor) add new mission functionality while a separate O&M-funded team (sustainment contractor) sustains and operates the application. There is increased likelihood that the two contracted teams may be modifying the same configuration items within the same source code baseline.
- **Question 1:** What specific contract requirements, terms, and conditions are recommended for BES new development and sustainment contracts to govern the interaction between the two contracted teams?
- **Question 2:** How should the contract specify mediation in the assignment of responsibility for a Deficiency Report where both contracted teams may have made changes in the code released into production?
- **Question 3:** Are there Industry contractual provisions/contract practices that provide more enforcement “teeth” beyond the traditional Associate Contractor Agreement?



# *Vendor Exchange Forum Problem Statements 2*



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- **Scenario: The AF Business and Enterprise System application portfolio contains dozens of applications that share common processes for managing different classes of AF assets. This suggests that several applications could be merged/consolidated to share the common (best of breed) processes while retaining those business rules peculiar to a given asset class.**
  - **For example: CAS, IMDS, ILS-S all perform asset tracking but maintain independent code and technical baselines**
- **Question 1: What are the industry best practices, tools, and techniques that could be used to produce a composite application derived from multiple code baselines that result in a single application having a common user interface, navigation structure, and database?**
- **Question 2: Provide real-world cost estimating relationship that can be used in PEO BES cost estimates as we develop acquisition strategies for potential consolidation of portfolio capabilities.**



# Vendor Exchange Forum

## Problem Statements 3



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- **Scenario:** The AF Business and Enterprise System application portfolio contains dozens of applications that have a long history of manual testing that is proving to be expensive and very time consuming when used to validate the impact of change (application, infrastructure services, and network services).
- **Solution:** Please provide draft contractual language that Industry would recommend we add to our development and sustainment contracts to incentivize automated test coverage of existing BES applications.
- **Solution:** If you are an existing BES sustainment contractor feel free to provide an impact assessment to your current contract (e.g., contract modifications would be required, etc.)
  - Please address the role that open-source test tools play in this scenario for unit, functional, and performance testing. Identify the tools that you use the most for your non-BES application customers.