Project Charter – CST-CI

Challenge Statement – Source code for systems developed and delivered by contractors does not contain all artifacts. Lack of complete source code delivery prevents quality analysis of the system for management reporting, but most importantly puts the CA systems stability at risks during contractor transition.

Goals – We will implement a continuous integration system that will ingest source code, perform automated builds, perform source code quality analysis and have the capability of generating binaries that mirror production deployments in a repeatable fashion. The pilot phase of the system will onboard at least 3 web applications in 4 months

Project Justification – A continuous integration system will provide assurance that CA is in control of all deliverables that are expected from contractors. A continuous integration system will also aid in measuring progress of projects/systems that are using the agile methodology.

Project Scope – The project scope includes ingesting source code deliverables by interfacing either with contractor source code repository or CM source code repository, performing automated builds and reporting on quality analysis of the system. The project will not cause any changes in existing CST systems or processes.

Key Personnel –

Johnny Johnson (including SEI team)

Scott Jaffa (Including SO team)

Jose Hancock (including NSDD team)

Peter Hill (including IV&V team)

Marianne Bellotti (including the USDS team)

Task and deliverables –

1. System requirements
2. System design and approach
3. Onboarding SoP
4. System setup and support documentation
5. Working prototype of proposed solution