

Sample Statement of Objectives

Statement of Objectives Solution Life Cycle (SLC)

Objectives

The purpose of this initiative is to provide SFA with a comprehensive SDLC methodology. The requirements and deliverables outlined in this statement of objectives will complement work currently underway within the SFA organization. Specifically, this new work will be integrated with the existing efforts involved with completing the Software Engineering Handbook and Deployment of the Rational Rose tool suit. Specifically the objectives of this task are to:

- 1) Convert the existing IPT process into a full SDLC
- 2) Mainstream the SDLC to the SFA IPTs with a deployment strategy and orientation training.

Requirements

1. Planning – Identify key tasks and schedule that need to be accomplished in order to successfully complete the above objectives.
2. Convert IPT Process into an SDLC - In 2nd quarter of FY 2000, the Modernization Partner was tasked to develop an IPT Process that was based on their Business Integration Methodology (BIM). It consisted of the SDLC life cycle phases, with IV&V and milestone reviews, and deliverable templates based upon BIM. Several IPT's began to use the IPT Process.

Feedback from its use and management reviews have indicated a need to convert the IPT process into a full and open SDLC that is object oriented and can be supported by SFA's selected standard development tools (i.e. Rational Tool Suite and Rational Unified Process). The new SDLC should consist of an expanded set of roles and responsibilities and be deployed with orientation training courses to the IPTs.

The scope of this initiative is to convert the existing IPT process into a full SDLC. It will describe the use of tools and templates, a repeatable development process, deliverable outcomes, signoff controls, roles and responsibilities, and change management. The scope includes mainstreaming the SDLC within the SFA IPT structure using a deployment strategy of orientation training and continual process improvement. The SDLC will incorporate the use of the Rational Rose tool suite, object oriented approach and configuration management to produce functional system requirements, entity relationship diagrams, data flow diagrams, test plans, and

test scripts. Secondly additional tools will be incorporated to tie the life cycle and tools altogether.

3. Deployment – Develop a strategy for migrating the SDLC to the SFA organization. Specifically, develop and implement a detail plan for deploying and supporting the teams through orientation training. This includes developing the curriculum for the orientation training.

Deliverables

Deliverable Number	Deliverable	Description
1.	Project Work Plan	This deliverable outlines a schedule for how and when the tasks will be completed.
2.	SDLC	This deliverable is the full comprehensive SDLC converted from the IPT process. It consists of an annotated outline, draft and final versions of the SDLC and associated templates that are all in electronic format for on-line viewing and updating.
3.	Deployment Plan	This deliverable plans the approach for deploying the SDLC to ensure that the process and tools are meeting the team’s requirements. It consists of a draft and final version.
4.	SDLC Orientation Training Content	This deliverable is the overview training content for various SFA audiences (e.g. IPT members, project managers, and executive leaders). It includes draft and final versions of both handouts for students and presentation instructions. This deliverable should be provided in electronic format for on-line viewing and presentation.

Period of Performance: Task start + 120 days.

Rights to Work Products: The US Government will be the sole owner of all materials created in electronic or paper form under this task.