

1 Deliverable Description

ID and Title: D-18 System Design Document

Description: The system design document will reflect all of the requirements, external and internal interfaces points, communication protocols, data design, database structure, systems integration, and overall design of the system that includes hardware and software considerations. With the implementation of a COTS system, the gaps that are found with the requirements will be the focus of the System Design Document.

2 Content

Content Item	Description
1. Design Considerations	Designed considerations will be reflected in the Goals and Guidelines, a development methodology, and an architectural strategy.
2. System Architecture	Will consist of the hardware information, internal communication processes, software architecture, and a system design diagram.
3. Data Design	Consist of the database structures and data objects.
4. Human-Machine Interface	
4.1 Inputs & Output	Description of any access restrictions or security considerations. Describes what is done by humans versus what is done by machine.
5. Detail Design	Will reflect the hardware detail, the internal communications and software details design information.
6. Interface Architecture	Information showing the multiple interfaces and their details.

3 Development and Review Plan

Approver: Justin Tease

Reviewers: Maureen Connolly, Justin Tease, Dana Houlihan, Les Birnbaum, Tena Perrelli, Greg Paradiso, Margot Thistle, Sean Sheehan, Michael Morey, Nicole Weidman, Gartner

Work plan tasks:

Unique ID	Task Name	Deliverable Owner	Deliverable ID	Duration	Start	Finish
4895	Deliverable: (D-18) System Design Document	Kurt	D-18	20 days	Fri 4/5/13	Thu 5/2/13
4896	Create Deliverable	Kurt	D-18	10 days	Fri 4/5/13	Thu 4/18/13
4897	Document System Design Document	Kurt	D-18	10 days	Fri 4/5/13	Thu 4/18/13
4898	Review and Approve Deliverable	Kurt	D-18	10 days	Fri 4/19/13	Thu 5/2/13
4899	Intl Rev & U/D - System Design Document	Kurt	D-18	5 days	Fri 4/19/13	Thu 4/25/13
4900	Milestone: System Design Document Submitted	Kurt	D-18	0 days	Thu 4/25/13	Thu 4/25/13
4901	Rev, Rvs & Appr - System Design Document	Kurt	D-18	5 days	Fri 4/26/13	Thu 5/2/13
4902	Milestone: Final System Design Document Approved	Kurt	D-18	0 days	Thu 5/2/13	Thu 5/2/13

4 Acceptance Criteria

- Transformation of the requirements, user-oriented functional design, and data-design into more technical specifications.
- Specifications must contain appropriate level of detail in order to build the system according to these requirements.

DISCUSSION DRAFT