Intelligence Collection and Planning Synchronization: ICaPS

Software Requirement Specification

Version: 0.

1. Introduction
   1. Purpose

This document describes the major features and requirements of the Intelligence Collection and Planning Synchronization (ICaPS) application.

* 1. Document Conventions
  2. Intended Audience and Reading Suggestions
  3. Project Scope
  4. References

1. Overall Description
   1. Product Perspective

This is a new product for CLIR Research. It is intended to help military and civilian planers manage information collection and planning. For military clients the primary use is intended to be Information Collection planning and synchronization. For the civilian planner the primary role is to assist in disaster relief and management of limited resources.

* 1. Product Features
* Map based planning view where users can draw and label areas of interest on the map
* Asset based planning where users can add and modify assets that can be used to assist in planning. The user can quickly identify where each of the assets are being used and what they are being used for.
* Need based planning where the user can add assets and map areas to fill a need based on the mission at hand (PIR). The user can quickly identify which assets are in which areas to fill the need.
* Area based planning where users can quickly identify which areas are utilizing assets and the needs that are being filled.
  1. User Classes and Characteristics
  2. Operating Environment

The software will be deployed to military server stack and civilian servers. The majority of our users will be operating in less than ideal situations i.e. disaster locations, field conditions.

* 1. Design and Implementation Constraints
  2. User Documentation
  3. Assumptions and Despondencies

1. System features
   1. Map Based Planning
      1. Map system that allows the user to add map data.
      2. Map system that will allow the user to draw shapes on the map
      3. Map system that will allow
   2. System Feature 2
2. External Interface Requirements
   1. User Interfaces
   2. Hardware Interfaces
   3. Software Interfaces
   4. Communications Interfaces
3. Other Nonfunctional Requirements
   1. Performance Requirements
   2. Safety Requirements
   3. Security Requirements
   4. Software Quality Attributes
4. Other Requirements
5. Glossary
6. Analysis Models
7. Issues List