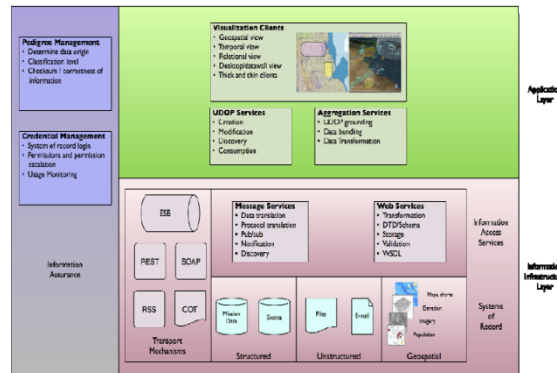




Strategies for Enterprise Metadata Management (SEMM)

Project Summary: The objective of this research effort will focus on three areas: 1) strategies for managing metadata including required infrastructure components, refreshing metadata as the enterprise changes, availability of metadata to the enterprise, and governance of metadata; 2) collection of metadata including population of metadata repositories; and finally 3) tools and/or applications that leverage the metadata to aid analysts in completing their operational tasks.



Return on Investment: This effort is the driving thrust of this research, it includes the what, when, where, how and why of enterprise metadata within USTRANCOM. The research will recommend metadata definition for the enterprise including minimal requirements for metadata elements and the purpose of those elements. Infrastructure components to effectively host and manage metadata will be investigated, culminating in a recommended architecture for metadata lifecycle management and operational accessibility. Research will include transition strategies and linkages to programs with respect to future sustainment and funding responsibilities. Implementation plans will be created showing a practical way ahead for incrementally achieving the enterprise management strategies. Focus will be given to areas in the enterprise that have the potential for the highest return on investment for using metadata.

Duration of project: FY16-FY18

Participants: United States Transportation Command

Project advocacy (funding or otherwise): United States Transportation Command