Acknowledgments

This material is an evolution of documents that were updated during the time frame: September 2003 through December 2004. The primary contributors were Bruce Haberkamp, James Blalock, and Michael Gorman of the Office of the CIO, United States Army. The foundational components of this work has been favorably reviewed by subject matter experts within the U.S. Department of Defense.
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1.0 Communities of Interest (COI)

a. Establish and manage COI Infrastructure
   i. Create Prototypical Concept of Operations
   ii. Create Metadata Repository Environment
   iii. Create Methodology for COI Efforts
   iv. Create Data Asset Product Specifications
      (1) Create Development Guides
      (2) Create Metadata Repository Export and Import Templates
      (3) Create Data Asset Product Assessment Guides

b. Create Metadata Infrastructure in Metadata Repository
   i. Mine and load the 11179 Data Element Metadata Components from the DDDS
   ii. Mine and load the conceptual data model Metadata Components from the DDA
   iii. Acquire and load appropriate Ontologies and Taxonomies into 11179 Data Element Metadata Components
   iv. Acquire and load appropriate data management metadata into the metadata repository

c. Discover Communities of Interest (COI)
   i. Create Resources of the Enterprise
   ii. Create Resource Life Cycles for each Enterprise Resource
   iii. Identify inventory of Automated Information Systems (AIS) within the enterprise
   iv. Allocate AIS to Resource Life Cycle Nodes
   v. Identify/Characterize Database Objects within each AIS
   vi. Allocate non-redundant set of Database objects to the Resource Life Cycle Nodes
   vii. Allocate the CRUD indicator to the intersection of Database Object and RLC Node
   viii. Allocate the CRUD indicator to the intersection of AIS and RLC Node
   ix. Perform an Affinity Analysis of the AIS & Database Object with respect to the RLC Node
   x. Propose COIs for the highest affinity levels
   xi. Organize Institutional COIs as those that are organizationally related
   xii. Organization Joint COIs as those that embrace multiple services
   xiii. Organization expedient COIs as those that are not institutional nor joint

d. Establish and Manage Mission Area COIs
   i. Build Enterprise Mission Area metadata within the Metadata Repository
      (1) Create Enterprise Mission Area Mission Models
(2) Create Enterprise Mission Area Organization Models
(3) Create Enterprise Mission Area Function Models
(4) Create Enterprise Mission Area Information Needs Models
(5) Create Enterprise Mission Area Resource Life Cycle Models

ii. Interrelate Mission Area metadata with other mission areas
iii. Evolve and maintain Mission Area metadata

e. Establish and Manage Domain Area COIs
i. Build Domain Area metadata within the Metadata Repository
   (1) Create Domain Area Domain Models
   (2) Create Domain Area Organization Models
   (3) Create Domain Area Function Models
   (4) Create Domain Area Information Needs Models
   (5) Create Domain Area Resource Life Cycle Models

ii. Interrelate Domain Area metadata with other Domain Areas
iii. Interrelate Domain Area metadata with Mission Area Metadata
iv. Evolve and maintain Domain Area Metadata

f. Establish and Manage Function based COIs (e.g. C2 COI)
   i. Build Function based COIs metadata within the Metadata Repository
      (1) Create Function Based COI Infrastructure Metadata Models
         (a) Create Function based COIs Mission Models
         (b) Create Function based COIs Organization Models
         (c) Create Function based COIs Function Models
         (d) Create Function based COIs Resource Life Cycle Models
      (2) Evolve and maintain Function Based COI Metadata
      (3) Create Function Area IESS Models
      (4) Evolve and maintain IESS Models

ii. Interrelate Function based COI metadata with other function area COI metadata
iii. Interrelate Function based COI metadata with Domain Area Metadata

g. Harmonize COI Data Asset Products
i. Harmonize Function Area Models with Joint Models
ii. Harmonize Function Area Models with Service Models
iii. Harmonize Function Area Models with Federal Models
iv. Create Policies, procedures, and documentation regarding COIs

h. Establish and Manage Data Management COIs
   i. Build Data Management metadata within the Metadata Repository
      (1) Create Information System Models
      (2) Create Business Event and Calendar and Cycle Models
      (3) Create Information System Models
      (4) Create Information System Planning Models