

GEIA G-47 (System Engineering) & G-33 (Configuration Management) Conference
April 20-23, 2004, Roslyn, VA

Summary

The Government Electronics and Information Technology Association (GEIA) held their quarterly meeting of the G-47 (System Engineering) & G-33 (Configuration and Data Management) committees on April 20-23, 2004 in Roslyn, VA. The G-33 and G-47 committees met jointly and separately on various topics. This section summarizes the major results linked to detailed notes.

- **DoD Unique Identification (UID) Program:** The purpose of this program is to develop and employ a scheme for uniquely identifying all DoD items and parts to improve inventory management and operational asset employment. The UID policy, released on July 29, 2003, established UID as a mandatory DoD requirement on all solicitations issued on or after January 1, 2004. Wide Area Workflow (WAWF) will be modified to include UID and will be a requirement for contractor payment no later than January 1, 2005. The item identification standard is being developed through ISO with increasing NATO country participation. Business rules are being defined and MIL-STD-130L, *Identification Marking Of U.S. Military Property*, is being updated. A UID Registry is being developed to track all DoD assets.
- **OSD Vision for CM/DM:** Representatives from the Offices of the Undersecretaries of Defense for Logistics, Plans and Programs (OUSD(LP&P)) and Acquisition, Technology and Logistics (OUSD(AT&L)) briefed GEIA on OSD work in progress to develop a DOD 5000 Guidebook containing requirements and objectives for CM/DM and specific Service Instructions for implementation by working with industry experts through GEIA.
- **DM Continuous Learning Course through DAU:** The G-33 DM team is working with the Defense Acquisition University (DAU) to develop a course on Data Management.
- **Value Engineering:** A representative from OUSD(AT&L) briefed DoD's Strategic Plan for revitalizing Value Engineering. This program reduces cost, increases quality, and improves mission capabilities by promoting shared rewards for innovation and creativity. The VE award pool is being increased to offer agencies and contractors more opportunity for funding and the process is being streamlined. A Raytheon manager described how they have won hundreds of millions of dollars through VE Change Proposals. G-47 will work with OSD on developing and promoting this program. The USD(AT&L) goal is to generate *net government savings & cost avoidance of at least 1.4% of total obligation authority by FY06. (more details)*
- **EIA-836 (CM Data Exchange and Interoperability) Status:** Revision A of this standard is targeted for the fourth quarter of 2004 with tighter coupling to the ISO 11179 naming standard and ebXML for enhanced automation of CM data exchanges.
- **EIA-859 (DM Data Exchange and Interoperability) and Handbook Status:** The balloting unanimously approved this new standard, which is slated to become an American National Standard (ANSI) in June 2004. The 500+ comments received will be incorporated either into the accompanying handbook currently under development or in the next version of the standard.
- **ANSI/EIA-649A (CM Process) & Handbook Status:** Balloting for the new revision A should be complete by July 2004. The latest draft of the accompanying handbook was reviewed and should be released by the first quarter of 2005.
- **ANSI/EIA-632 (SE Process) Status:** G-47 started developing plans to update this standard and develop an accompanying handbook that would be based on NAVAIR's SE Handbook. The NAVAIR SE Handbook is in coordination to become a Navy standard. EIA-731 (SE Capability Model) would be updated in parallel. The scope of updates may include harmonizing 632 with other SE standards and broadening its scope to enterprise and System of Systems processes.
- **GEIA-927 (Common Data Schema for Complex Systems) Status:** Lou Kratz/DUSD(PL&L) and the Defense Standardization Executive endorsed GEIA-927 as part of the push for increased

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interoperability. A draft version of 927 will be issued for comments in May. A review of the associated MultiView program was conducted to prepare for coordination with the Army's Future Combat System program, which may adopt the standard for trial use. ([more details](#))

Joint General Session (G-33 & G-47)
Holiday Inn Roslyn Westpark, Arlington, VA

Welcome & Introductions (Dan McCurry/Boeing/G-33 Chairman & John Noblin/Lockheed Martin/G-47 Chairman)

Unique Identification (UID) Program (Rob Leibrandt, OUSD(AT&L), Deputy, UID Program)

- UID is “the set of data for tangible assets that is globally unique and unambiguous, ensures data integrity and data quality throughout life, and supports multi-faceted business applications and users.”
- Purpose of the program is to develop and employ a scheme for uniquely identifying all systems, components, and parts within the DoD to improve inventory management and operational employment of assets in wartime operations and operations other than war.
- Why?
 - Lower cost/item
 - Improve item availability
 - Evolving best commercial practices
 - Improve long term inventory mgmt
 - Achieve clean audit opinions on property, plant, etc. to ensure CFO accountability
- UID construct = enterprise ID + part number + serial number
 - Enterprise ID can be CAGE code, NCAGE or EAN
 - Part & serial numbers are in original equipment vendor's format
- End item DB data captures data from DD250 form + embedded items of end items
- UID Program is addressing the business rules to employ UIDs as well as the policies and technical standards
- Distance learning module on DAU site provides outreach to US & allies
- Working to get ISO approval of codes – voted to go to US TAG to get formal ISO approval
 - Primary standards group is ISO JTC 1/SC31: Automatic identification and data capture techniques (which is also responsible for the related RF Identification standards)
 - Coordination groups include ISO TC20, Aircraft and space vehicles, and TC184/SC4, STEP
- Industry groups involved include Aerospace Industries Association (AIA), Air Transport Association (ATA), GEIA, National Defense Industrial Association (NDIA), Uniform Code Council (UCC), New York City Transit Authority, UK Council for Electronic Business
 - Working to get ATA to approve UID so they can mark items the same way for commercial & defense aviation uses; ATA meeting in 2 weeks to get their agreement
- Current Opportunities being worked by UID Program:
 - Update MIL-STD 129 & 130L (soon to be M), *Identification Marking Of U.S. Military Property*, integrates requirements to lower overall cost to implement both
 - Identify Business Process Re-engineering opportunities
 - Identify opportunities for bus value added to encourage internal use
- UID is a formal DOD requirement

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- Final UID policy released on July 29th established UID as a mandatory DoD requirement on all solicitations issued on or after January 1, 2004.
- Wide Area Workflow (WAWF) will be modified to capture UID and WAWF will be a mandatory payment requirement no later than January 1, 2005.
- Wynne will already ask legacy programs for transition plan during program reviews
- Home web site is at: <http://www.acq.osd.mil/uid/>
- Want to integrate UID & RFI tagging
 - RFID tagged to pallet, case & package for shipping (transient); UID tagged to item within shipment (permanent)
 - Combination will allow integration with WAWF – Wide Area Work Flow initiative – to allow Combatant Commanders to ‘see’ all items coming into theater & designate what to do with them
 - Automate processing of DD250 & shipping & receiving
 - Will US government to institute a policy of: no UID, no payment
- See Rolls Royce example – involves Direct Part Marking (DPM), UID, RFID, & WAWF
- WAWF – “e-DD250”; automated system allows vendors to e-submit invoices, receive reports, & allow USG to inspect, accept, receive & pay electronically
 - Raytheon improved DSO from 180 days to 20 thru WAWF
- Joint Aeronautical Commanders Group (JACG) is expected to endorse UID & make it mandatory so government PMs cannot elect to skip it
- UID Registry
 - Concept has morphed to being a DB of DBs with rules to distinguish keys to identify people, places, assets, services, etc. & map to specific DBs, e.g., Acquisition, Property Accounting, Logistics, etc.
 - GFP Registry supports registry of alias UIDs (virtual or real) to allow USG tracking of items in contractor custody
 - Working with FFP contracts now – plan to move to CP in near future
- **New! GEIA Unique Identification (UID) Working Group (WG):** This working group focuses its efforts on the new DoD UID Initiative. The WG will address UID technical implementation and research aspects. Specifically, the WG will work on functional integration of UID into Systems Engineering and CM/DM processes from initial requirement through disposal, to better understand the impact and benefits to Industry and Government. The UID Initiative affects nearly all DoD suppliers and integrators, and engineering and management members are encouraged to participate in this effort. The UID WG met for half a day, the afternoon of Tue, 20 Apr 2004 and all day Wed, 21 Apr 2004.

OSD Vision for CM/DM – Way Ahead (Jerry Beck, OUSD(Logistics Plans & Programs), Merrill Yee/OUSD(AT&L)/SE)

- DOD 5000 policy will be supplemented by a 5000 Guidebook (in work to replace 5000.2R), containing requirements & objectives for CM/DM and specific Service Instructions
- On meeting on 19 April, OUSD agreed to
 - Work with GEIA to provide recommendations to OSD NLT May 5 to achieve CM/DM objectives
 - Propose 5000.2 update by Sep 04 – decide if it needs CM/DM enclosure
 - Propose 5000 Guidebook chapters for CM & DM by June 04 – or integrated life cycle perspective on -ilities including CM/DM consequences

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- Propose DM/CM Lifecycle Guidebook (combined effort of SE & Logistics) or some variant
- Services develop implementing guidance

DAU Continuous Learning (Shelton Jewette, Instructional Systems Designer, DAU Continuous Learning)

- Why is GEIA interested in DAU CL?
 - DAU teaches SE but not CM/DM – want to convince DAU of need to teach CM/DM
 - Find out what DAU courses are available & if any are certificated
 - Match SE training needs with DAU assets
 - Develop cross training to enable CM, DM, SE folks to learn each other's domains
- POC will be Bob Faulk, Director, DAU CL Center (CLC)
- CLC modules must be Shareable Content Object Reference Model (SCORM) & Section 508 (Rehabilitation Act) compliant, 1-4 hrs long, use CLC Style Guide & DAU Tech Guides
 - SCORM – 1997 DOD Advanced Distributed Learning (ADL) initiative – durable, interoperable, accessible to contractors & government (<http://www.adlnet.org/>)
 - Based on ADDIE design model with 2 steps added by DAU for pre-planning & validation
 - Use COTS tools Trivantis or Lectora 2004 Professional Publisher Suite
- CLC web site: Clc.dau.mil
- Situated cognition – learning from context
- Donna Paulson/OUSD(AT&L)/SE wants to build DOD course for program DMs

Value Engineering (Dr. Elizabeth Rodriguez-Johnson/OUSD(AT&L)/SE & Jim Vickers/Raytheon Missile Systems)

- Raytheon has most active Value Engineering (VE) program & has earned \$100's M in Value ECPs (VECP)
- DOD has new Strategic Plan to revitalize VE. Goals:
 - Improve value prop for defense systems
 - Align industry & government value props
 - Increase VE expertise
- Objectives
 - **Net government savings & cost avoidance of at least 1.4% of total obligation authority by FY06**
 - 90% VECPS fully processed in 180 days (vice up to 3 yrs today)
 - Connect knowledge sources to people with questions
- Shared value proposition – DOD gets improved management & reduced cost; industry gets satisfied customers & improved financial management
 - Vickers – offers Raytheon the chance to make improvements without contract ECPs
- Challenges in VECPs
 - Customer resistance/ignorance – don't know about the program or have heard its reputation for being slow
 - Customer delays in processing – don't know how to process it which makes it slow
 - Mistaken belief that you cannot do a VECP with performance based specs
- Strategic Plan intended to correct lack of customer interest (financial goals passed to Services), processing length (get down to 180 days), ignorance (DAU courses, outreach)

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- Use GEIA SE, CM, & DM WGs to finalize approach to government-industry
- Unofficial use by July; official unveiling by GEIA conference in Sep 04

CM in the Coast Guard (Shelley Diedrich, USCG CM Manager, sdiedrich@comdt.uscg.mil, & Barney Black/Deepwater Program)

- CM in CG is broken with pockets of goodness, e.g., aviation community & logistics
- CM seen as a foundation & enabler to SE, & other good behavior
- CM stood up in 1989 as a result of a 1987 GAO audit
- CMWG started in 2001
- Lack of CM has caused delays in operational programs, costs, etc.
- Lots of contributors to bad CM – lack of process owner, audits, stovepipes, education, ...
 - Physical configuration verification audit demonstrated 31% overall accuracy rate & no status accounting records
 - But audits of aircraft demonstrate 97% accuracy
- CG working now to institutionalize CM
 - Developing CG CM Plan with a CG CCB, integrated CM system, CM policy, & instituting normal CM activities
 - CM **not** tied to DoD 5000 & Functional Capabilities Board (FCB) per CJCSI 3170 (JCIDS)
- Deepwater set up as SoS so view is of SoS CM
 - USG-industry collaboration with prime contractors NGC & LMC
 - SoSE – continuously iterated requirements and long term employment concepts
 - IDS Spec Tree has explicit SoS level of documentation
 - Typical CM problems experienced:
 - “Admiral Alts” – habit of admirals to decide to implement things & change configuration outside of any configuration control system
 - CCB in an IPT environment – changing from big, unruly meeting to a small core CM IPT team to control changes better
 - CM mostly done on the contractor side; rudimentary on government side

G-47 Committee Report (John Noblin)

- Quick status update

EIA-836 (CM Data Exchange and Interoperability) Status Report (Al Lager)

- Current version is 1.2 dated Oct 03 with review comments incorporated
- V2 targeted for 4Q04
- See www.mlassociates.com for data
- Using ISO 11179 & ebXML (UDEF) for naming scheme
- Working with vendors on tool implementations to validate scheme

EIA-859 (DM Data Exchange and Interoperability) Status Report (Cynthia Hauer)

- Successfully balloted – all voters voted ‘Yes’
- Received 500+ comments
- Standard does not cover full range of DM & some weak spots noted, e.g., IT, data administration, enterprise data, records management – Handbook will pick up some of this

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- Next revision will be broader & deeper
- 859 is slated to reach ANSI status in June 2004
- Kicked off 859 Handbook in Jan 04
 - Draft annotated outline done (30-40 pages)
 - 1st draft complete by Sep 04
 - Working online via DAU collaboration site
- Started developing a Body of Knowledge

EIA-649A (CM Process) & Handbook Report (Sherman Weatherspoon, Larry Bauer)

- Balloting for ANSI 649A should be done by June-July
- Concentrating resources now on developing the 649A Handbook
- Reviewed drafts at 2002 & 2003 GEIA conferences
- Expect to release v1 Handbook in 1Q05
 - Adding info on UID program

Technical Fellowship Report (Bill Ritter)

- 5 Fellows named last year: John Noblin, Bill Ritter, Cynthia Hauer, Al Lager, Bill Dean
- Nominations open now; will be reviewed at June meeting & awarded at conference in Sep

Conference Planning Committee Report (Rick Lang)

- On schedule

G-47 System Engineering Committee

Chairmen (Voting members in bold): **John Noblin/Lockheed-Martin**

Attendees: **Jason Stripinis/Northrop Grumman-Integrated Systems**, Jim Schier/Northrop Grumman Information Technology – TASC, **John Evers/Raytheon Intelligence**, Jim Vickers/Raytheon Missile Systems, Donna Paulson/OUSD(AT&L)/SE, Danny Reed/IDA, Dr. Elizabeth Rodriguez-Johnson, Pat Montgomery/SAIC, Ron Kohl/Kohl Associates, John Reber/Trident, Jake Parrot/CACI, Jeff Loren/SAF/AQ, Chris Denham/GEIA

Value Engineering (continued)

- Liz Rodriguez-Johnson has been told by OSD management that VE is very high priority; she will be spending much of her time on this; wants to work with industry & Services to promote its use
- Raytheon described their experience on the AMRAAM Program
 - Raytheon offered a seeker design to government that met requirements & had winning (low) cost; then offered VE alternative that had lower life cycle cost & better performance but required \$30M R&D
 - Raytheon held contractor day & had 400 subs in to hear VE briefing; subs were told to assume VE from Day 1; program worked very well with subs identifying \$Ms in cost savings that Raytheon passed on to & shared with their customer
 - VE works best with multi-year contracts; helps with production lots; doesn't help with SW
- VECs on Performance-Based Contracts: Put new configurations under government control or capture change with interim mod
- Multi-year example: No incentive to contractor especially in last 2 years of contract

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- VECP process being posted to VE web page
- VE is termed “Jay Mandelbaum’s VECP vision” (but Jay has retired & it’s now Liz’s responsibility)
 - Also see ACC – Acquisition Comm Center (?)
- Strategic Plan for VE signed by Michael Wynne, Acting Director, OUSD(AT&L)/SE, Dec 03 – hard copies handed out at the meeting
- VE contracting guide with best practices is under development
- VE Registry would need to be available to provide visibility of VECs, for example, so AF can see what VECs Army is doing or so one part of a contractor can see what another part of their own company is doing.
 - Currently no concept of using VE Registry for tracking status through 180 day process
 - No concept of using registry to allow a contractor to see what other VECs his own company is pursuing
 - Rodriguez-Johnson & Danny Reed took these as suggestions to improve the registry
- This may be put under the DAU PMCOB as one of the Communities Of Practice (COP) or a Special Interest Area.
- Liz’s desire is for GEIA input & to get us to start disseminating info on this within our companies.

Discussion about status of proposed revision to ANSI/EIA-632 (G-47)

- Need to distinguish SE process standards in terms of:
 - Life cycle breadth
 - Depth of detail
 - Degree of enterprise coverage (single system, product lines/FoS/SoS, enterprise)
 - Maturity model & assessment method
 - Coverage of normative std & informative implementation guidance
 - Domain coverage, e.g., national security, USG, commercial
- GEIA has the opportunity to cover all 6 characteristics through
 - EIA-632 – breadth, depth, enterprise coverage
 - EIA-731 - Maturity model & assessment method
 - Handbook based on NAVAIR SE Guide - implementation guidance, military domain coverage
- Other factors
 - Harmonize with ISO 15288? IEEE 1220? CMMI? ISO or IEEE 12207? EIA-649?
 - Does harmonization cover terminology, breadth, depth, other?
 - What is our picture of how to use GEIA documents with other documents, i.e., how do 632A and 731A fit with 15288, 1220, CMMI, etc.?
 - Our documents are not intended to replace other organizations documents
 - Degree to which they supplement or compete with them needs clarification
 - Should we address the full scope of CMMI (SW, IPPD, SA, SS)?
 - Should scope be expanded to address SoS/FoS, etc.?
- Need to add up pros & cons & decide approach at subsequent telecon
- Developed draft charts & discussed extensively. Set up as 4 tasks:
 1. Define scope of & plan project(s): 632, 731, Handbook
 2. Update 632 to create 632A
 3. Update 731 to create 731A

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4. Create HB

- Officially opening new GEIA task:
 - Need to submit 1 page GEIA form to open a task for 632A
 - Should we also submit task sheets for 731 & HB at the same time so that multiple/coordinated announcements are made by GEIA and ANSI?
 - Start web page for new project to be linked to G-47 page for each task
- Note: GEIA needs to provide collaboration tools for their projects! Chris said this was in work.

IT & Infrastructure (IT&I) Committee Discussion

- GEIA decided to move the IT&T Committee and EIA-927 project to G-47 & close down the IT&I committee
- Ron Kohl, former chairman of IT&I, offered some thoughts about potential topics that G-47 could tackle that IT&I was going to deal with as possible new topics for G-47

Plans for Fall Conference (G-47)

- Monday tutorials: NextGen SE (2x), Intro to SE for non-SEs (2x), M&S (?), GEIA-927
- Discussion about possible topics & organization for Tues-Thurs
- Tool Time
 - 3 soft commits: Visible Systems' Razor, Mathworks' Matlab, & Telelogic Tau/DOORS
 - Add: Vitech's CORE, UGS PLM SLATE/Teamcenter, Rational's Rose, Integrated Chipware's RTM, Popkin's System Architect?
- Sam Alessi wants to set up a 2 day Homeland Security session (but we don't know any more about it) – temporarily reduced it to 1 day
- NextGen SE – Jason willing to help coordinate with NDIA on joint vision effort
- Special sessions on:
 - SE education – ½ day
 - NextGen SE – ½ day
 - Homeland Security – 1 day
 - Government Thrusts – ½ day
 - **ACTION:** find NGA EE person to present government initiatives
 - 632 – ½ day
- GEIA-927 – 3 day session on comment resolution

GEIA-927 (John Reber/Trident, MultiView PM)

- MultiView is planning on testing on a real program (part of FCS) in Trident's next contract year (starting June)
- Lou Kratz/DUSD(PL&L) supports & is willing to issue letter of intent but cannot mandate a standard that hasn't been approved
- 927 team is using EXPRESS for info modeling (same language used by STEP community)
- MultiView effort started by some congressional staffers who wanted to fix some of the integration problems between systems & agencies
- Now included in Army POM for funding in FY 05-10 tied to joint Integrated Digital Environment (IDE)

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- Reber would like to handle review & approval of the 927 standard on a broader basis than just G-47, e.g., involve the entire GEIA technical activity including G33 - Data & Configuration Management; G43 - Quality Committee; G45 - Human Factors Committee; G46 - Electromagnetic Compatibility; G47 - Systems Engineering; G48 - System Safety; and QRE - Quality & Reliability Engineering Committee
- Need a Public Relations campaign to increase awareness of standard
- Public ballot version should be out by Dec 04 – Need review via G-47
- Raytheon successfully used the draft 927 on their Gold Team for the Navy DD21 program
- MultiView is using the obsolete SE Data Representation & Exchange Std (SEDRES) Publicly Available Specification (PAS) version of AP233
 - **ACTION:** Reber requested that we ask the AP233 team to do a detailed review & comment on all schema changes between the PAS version and the current working schema.

SE Handbook (Zig Rafalik):

- Zig still coordinating NAVAIR's SE Handbook based on EIA-632 through the Navy. Zig's intent is to keep it as a Navy version;
- GEIA could use it as the basis for a 632 Handbook by de-militarizing it

Draft G-47 agenda for June meeting:

- Focus on conference planning & 632A project planning

Joint G-33/G-47 Plenary Outbrief:

- UID:
 - Reviewed UID topics for JACG meeting on 29 Apr
 - Addressed member questions on UID & implementation
 - Coordinating with ISO on implementation details
 - Seeing increased NATO country interest in UID
- G-47 – John summarized our status
- 836 (Lager)
 - Reviewed object classes & updated DB
 - Met with 649 team
 - Conference planning – have 4 case studies in work (NAVAIR, FCS, NSA, one other?) on use of 836; planning a session on 'Implementing Data Interoperability Standards'
 - Have 6 of 10 vendor commits; TopVue joined vendor group
- 859 (Hauer)
 - New topic on DoD Service DM
 - Reviewed handbook materials
 - Worked with DAU on distance learning approach toward building a DM course
 - Conference planning focuses on DM issues including Sarbanes-Oxley Act, metadata, Military Enterprise Data Asset Locator System (MEDALS), RM, BoK, DAMIR, DAMA, data security & quality, netcentricity, CoP, COI
- 649A & HB
 - Completed text reviews of 649A sections
 - Did gap analysis against MIL-HDBK-61

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- Expect to complete review of HB in June
- Conference Planning (Lang)
 - Intro tutorials on Monday
 - Added tutorials on Tuesday-Wednesday
 - Presentations due in August
 - Draft schedule finalized
 - Donna Paulson collecting biographies & abstracts

GEIA-927 Meeting, 23 April 2004
EIA Headquarters, Arlington, VA

Attendees: Al Stein/CTC – computational linguist; Martin Cizler/Trident – 927 schema developer; Jake Parrot/CACI – liaison to 836; John Reber/Trident – MultiView PM; Paul Pierson/LMC; Mike Ducody/Army Logistics Transformation Agency (LTA), MultiView COTR; Dick Engwall/Northrop Grumman Electronic Systems – liaison to NDIA & AIA & AFEI; Jim Schier/Northrop Grumman Information Technology TASC – liaison to AP233; Chris Denham, GEIA VP

Purpose: The purpose of the meeting was to convene the MultiView & EIA-927 advisory group to review progress and plans.

GEIA – Lou Kratz/ADUSD(Logistics, Plans & Programs - LP&P) Exchange:

- GEIA sponsored meeting with Kratz on 1 May 03 to discuss transition to 927
- Multi-element plan
 - Establish 927 as a DoD-endorsed standard for product data
 - Establish policy to comply with standard
 - Fund implementation of 927 in Service acquisition programs
 - Co-host conference to focus efforts on 927 for DOD product data interoperability
- Kratz agreed; GEIA sent follow-on letter; Kratz delegate, Greg Saunders, finally sent letter 6 months later
- Meeting on 14 April
 - Reps from Asst. Secretary of the Army (Steve French, ASA(ALT)), LTA, & OSD
 - Kratz endorsed common data schema (CDS) concept
 - Believes it is part of Total Lifecycle System Management
 - Need business case with proof of Return On Investment
 - Recommended discussion with Gary Jones, Acting Director of Logistics Systems Management
 - DoD will review the Review for Comment version in parallel with industry review
- Engwall – need to integrate schema with CADM (Core Architecture Data Model)
 - Reber: Trident’s Interchange tool has schema that is supposed to be CADM compliant – intend to incorporate elements of that into 927
- Reber – CADM is done in the IDEF1X standard & can be translated into EXPRESS, the STEP info model standard

FCS Data Management Briefing – intended for Nancy Boulton, FCS Logistics Environment Manager, to sell her on using MultiView/EIA-927:

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- Have 2 systems that are part of FCS, Platform Soldier Mission Readiness System (PSMRS) & Logistics Decision Support System (LDSS), that might try using 927
- Ducody – need major acquisition program to adopt it, invest in it, & demonstrate utility & support
 - Describing problem – current situation has programs providing summarized, distilled data for reviews; government managers forced to make decisions based on inaccurate, incomplete data resulting in flawed decisions leading to cost/schedule overruns
 - New DOD 5000 & JCIDS (Joint Capabilities Integration and Development System) approach will force government to learn about semantics, DM, capabilities, etc.
 - Multiview program has \$1.75M funding – about half is available for a pilot project on a major acquisition program
- Standards in 927 so far: 15926, AP233 (PAS), DDDS Defense Dictionary (?), AP212
- Standards planned to be added: AP203, AP210, AP214, AP232, AP239, EIA-836
 - Opinion of several people present was that they should add CADM compliance

Membership Letter:

- Multiview Program plans to have GEIA send out a letter to the GEIA corporate members announcing the review of the “draft for comment” version of EIA-927 in May 2004. Draft wording of the letter was handed out and discussed.
- *Issue: The STEP standards identified as being incorporated into 927 are not all approved ISO standards, e.g., AP233 and AP239.*
 - **ACTION:** Provide input to John on status of current STEP standards.
- *Issue: EIA-927 is currently based on the ISO AP233 Publicly Available Specification (PAS) but the ISO AP233 WG significantly modified the PAS model to enlarge the scope to “full life cycle” SE.*
 - 927 will need to be updated when final version of AP233 becomes available in 3-4 years
 - 927 may not be very useful in its current form since tool vendors are working with the ISO AP233 WG on the current schema, not the PAS version
 - 927 needs detailed trace of changes from PAS to current AP233
 - **ACTION:** Get AP233 WG to provide a report tracing the differences between AP233 PAS and final versions.
- *Issue: MultiView is not using the new modular STEP approach.* MultiView should be working with the ISO TC184/SC4 team that is revising existing STEP APs to use a modular approach. The new approach is taking common schema elements out & making them separate modules. For example, AP233 has been working with some of the other AP teams so that a good chunk of what we call AP233 is actually being incorporated in AP239, which will be balloted this year, while the rest of AP233 won't be finished for 3-4 yrs. The AP233 PAS version didn't reflect modularization.

Release for Comment – A Guided Tour:

- (didn't get to this topic while I was attending)

How To Build Support:

- (didn't get to this topic while I was attending)