DoD Environmental Information Technology Management (EITM) Program

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Report Documentation Page

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What is EITM

DoD is directed to use ESOH management systems in mission planning and execution across all military operations and activities, including acquisition, procurement, logistics, and facility management. *DoDD 4715.1E: 4.3*

- Chartered under 4715.1E, EITM is mandated to ensure productive use of Environment, Safety and Occupational Health Corporate Information Management processes and technologies. ETIM is focused on:
  - Maximizing cost avoidance by leveraging governance to eliminate redundancy and drive efficiencies
  - Enterprise tri-services Net centric capabilities integrated at the data layer and aligned to Business Enterprise Architecture (BEA)

EITM-Proven cost efficiencies delivering successful solutions

EITM Product Line Includes: DENIX

greengov SYMPOSIUM

- Defense Environmental Network and Information eXchange (DENIX)

DoD Forums

DENIX Main Page

Sustainability

EITM Product Line Includes: KBCRS

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- Knowledge Based Corporate Reporting System (KBCRS)

Approved ARC Data

Mid-year summaries

ARC Table 3 Report

In the works… "ESOH 2.0"

A DoD/Agency Enterprise assessment to define a FRAMEWORK that will help the Department meet the goals of:

- Sustainable Operations
- Authoritative data, transparency
- Effective data management
- Component and Corporate reporting

An Enterprise ESOH Framework enables a better understanding on what it will take to achieve:

- Federated platform of interoperable, Net Centric authoritative data supporting a wide variety of applications
- Better efficiencies by reducing total operating costs
- Reduced redundancies in data and data systems
- Data integrity, end to end data traceability and transparency

Enables cross-cutting efficiencies that will free up resources

ESOH 2.0 Vision

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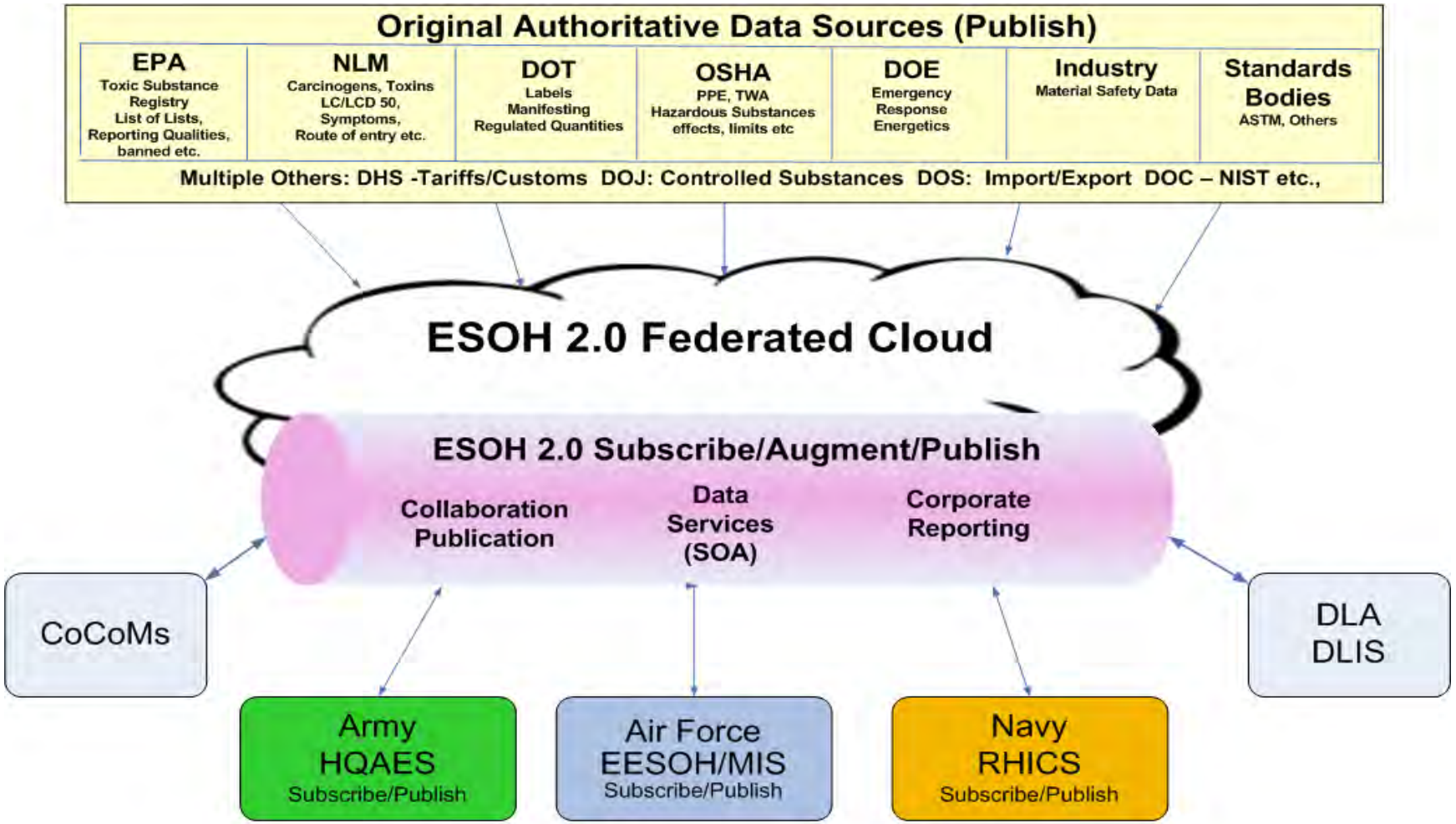

Authoritative agency datasets now available via E-Gov

Why DoD needs ESOH 2.0

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- Substantial cost avoidance can be realized with authoritative data and information sharing at the Corporate level
  - Product Hazard Data is a good example of Corporate data requirement
- Alignment with recent policy, e.g., 5 OCT 2011 "Improving Sustainable Acquisition and Reporting" Net Centricity, Business Capability Life-Cycle
- BEI BPR demonstrated that the services have common:
  - Data requirements
  - Regulatory compliance requirements
  - Reporting requirements
- Emerging requirements to report DoD as a single unit
- Transparency requirement to trace reported data to source
- Domain governance leading to common solutions

Best solution is authoritative Net Centric data at corporate level

Multi stakeholder technical solutions are now obtainable and cost effective

Why the EITM approach is sound

EITM will leverage a proven approach for ESOH 2.0 similar to:

- **DOEHRS**: authoritative data source for Tri-services, DoE and VA
  - Provides successful common repository of all military personnel exposures
    - Supports multiple views tailored to agency-specific business requirements
  - Proves ability to eliminate redundant stovepipes and ensure commonality of data
- **DENIX**: Tri-Service ESOH collaboration platform
  - Proves ability to share and maintain security between internal and external publications
  - Proves ability to enhance public outreach while meeting DoD IA requirements
- **KBCRS**: shaped regulatory requirement minimizing cost and complexity of annual reporting to Congress on Service Clean-Up progress

ESOH 2.0 Enterprise data fusion is achievable and sustainable

EITM is ready for ESOH 2.0 now

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- **State of the Art Virtualization Platform**
  - Core platform is clustered Vsphere 4, Oracle 11 Enterprise,
  - Ability to interoperate outside DoD the while meeting DoD IA requirements
- **Technology Agnostic**
- **Vendor Neutral**
- **Scalable and Extensible**
- **Standards Compliant**
- **Cloud Capable**

The EITM platform is in place, accredited and paid for

ESOH 2.0 can succeed because

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- Maturity of governance (IRB process oversight)
- Alignment with Policy (e.g., BCL, Net Centricity)
- Mature Business Enterprise Architecture (BEA 8)
- Mature Technology
  - Data interoperability
  - Ability to integrate at the data level versus application level
- Ability to exchange information in real time
  - Defined and agreed upon common data set requirements
  - Common Enterprise reporting requirements
- Agile implementation approach

ESOH 2.0: Authoritative common data for DOD ESOH

ESOH 2.0 brings it all together

ESOH 2.0: A force multiplier for DoD Enterprise ESOH