



**Program Executive Office
Command, Control, Communications,
Computers and Intelligence (PEO C4I)**

Tactical Security Architecture

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- Current security architecture is CAC/PKI/DS
- Lessons learned with ESB, PDP/PEP, ATTR SRV
- Shifting to SOA standards such as DDS
 - Requires infrastructure to support different services types
 - Strength lies in QoS & auto discovery features
 - Auto discovery feature of DDS needs security
- Tagging and labeling current recommendation for standardizing on a security label metamodel, ontology and integration rules

PEO C4I builds Guidance from Standards that are used to manage our portfolio



Classification Markings

U.S Classification

Non-U.S. Classification

Joint Classification

SCI Control System

Special Access Program

Foreign Government Information Markings

Dissemination Controls

Non-Intelligence Community Markings

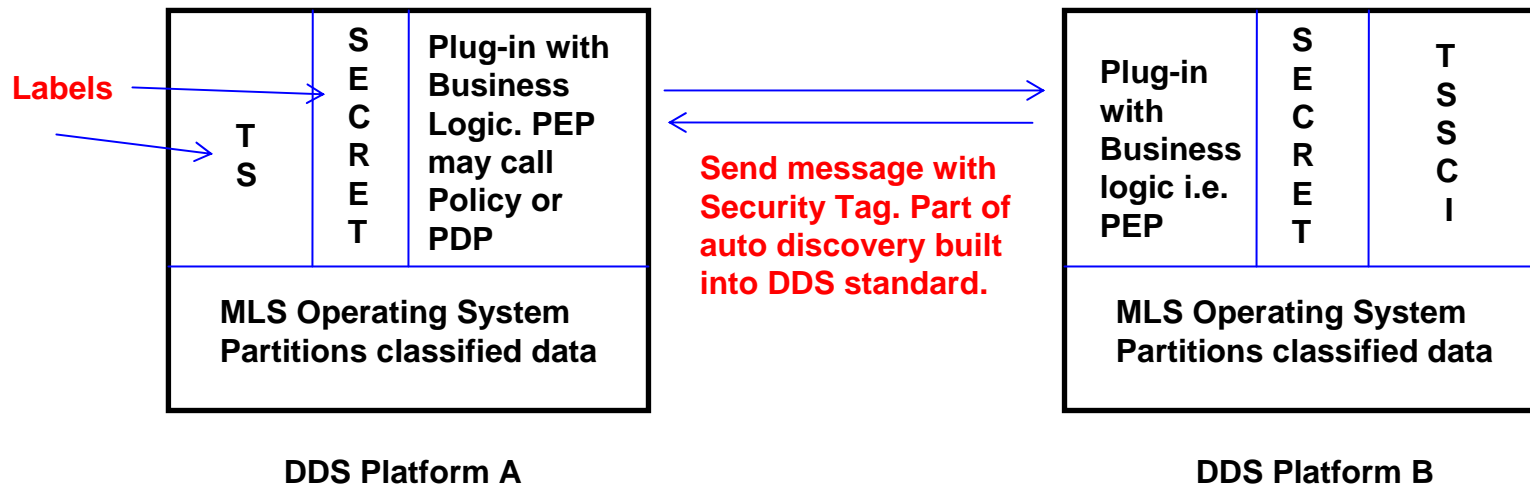
Example:

Classification//SCI//SAP//FGI//Dissemination//Non-IC//

SECRET//ABC//XYZ// FGI GBR//REL TO USA, GBR/RELIDO//SPECAT



DDS Tagging & Labeling RFI Concepts



- RFI Concepts Defined:
 - Labeling defined as data definitions related to data at rest (memory or disk storage)
 - Tagging is the addition of data definition related to information in motion (transmission)
 - Plug-ins would provide business logic for handling messages



Additional Security Requirements

- Integration with GIG NIPR & SIPR Security Architectures
- Support for security token generation & mediation
- Design of a loosely coupled logic component (plug-in)
- Discussion of how the Business logic would interpret the classification & dissemination instructions
 - i.e. how do we pass info between agencies in different countries
- Format & translation of legal markings
 - i.e. standard classification codes for agencies. Different agencies may need translation mapping between labels w/similar meaning
- Join groups looking at tagging and labeling
 - Controlled Access Program Coordination Office (CAPCO) is Part of the DNI Special Security Center (SSC)



We get it.

We also integrate it, install it and support it. For today and tomorrow.