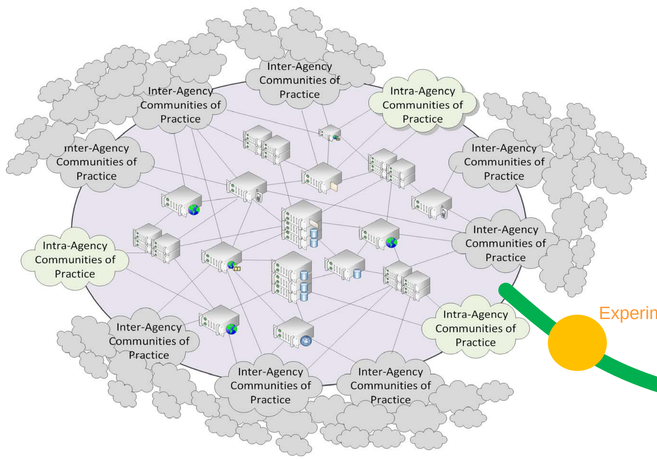
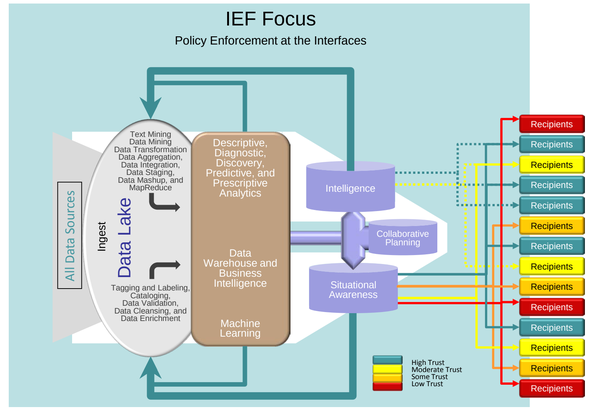
OBJECT MANAGEMENT GROUP®

IEF™ Information Exchange Framework™

ASMG ADVANCED SYSTEMS MANAGEMENT GROUP

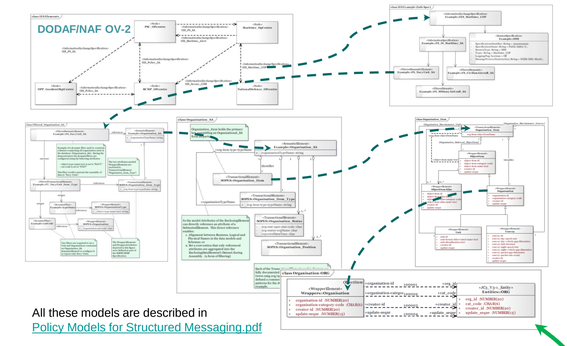
Responsibly Sharing Information with Internal and External Partners





IEF OBJECTIVE

"To maximized the availability of quality information to authorized users, in accordance with legislation, regulation and policy, while protecting sensitive (*private, confidential, legally-significant and classified*) data from unauthorize access, release, or manipulation."



All these models are described in
Policy Models for Structured Messaging.pdf

Experimentation (ATCCIS)

Understanding Sharing & Safeguarding Objectives

Experimentation (MIP)

Agile Develop Approach

Issued Shared Operational Picture Exchange Services (SOPES) Information Exchange Data Model (IEDM) – Policy Model for STANAG 5525

Experimentation (UK MOD BOWMAN)

Experimentation (SAMSON)

Develop Vocabulary and profile for Policy Models (IEPPV)

Issue IEPPV

Develop IEF RA

Align Policies to Architecture

Issue IEF RA

Experimentation (TIES)

We are Here

Information Exchange Packaging and Processing Service (IEPPS) RFP

- Issued December 2017.
- Initial Submissions due November 2018.

IEF RA Experimentation (TBD)

IEPPS / IEPPV Commercialization
- Core capability available
- Support Tooling needs refinement

Develop Other Service Specifications based on Working Group Defined Priorities

Additional Model Driven Architecture (MDA) Transformations

IEF for Cloud

IEF for IIOT

Monitoring and Auditing Specifications

ISS Test Automation Specifications

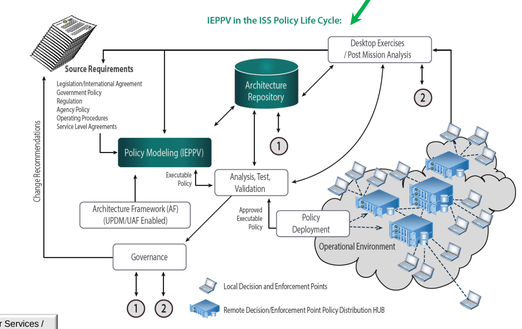
IEF in BIG DATA Environments

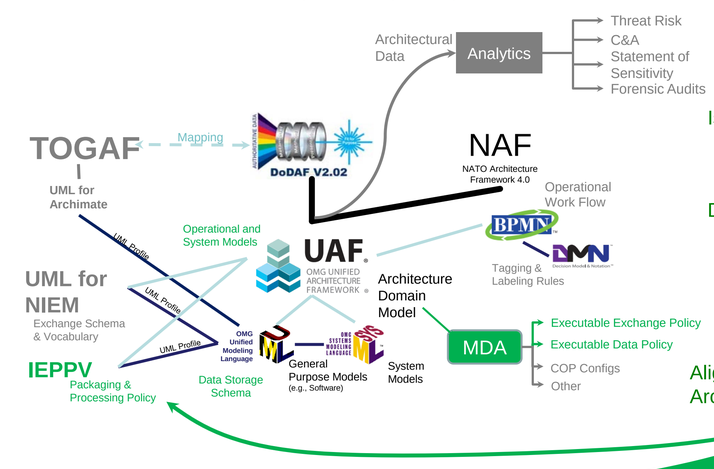
Operational & Design Analytics

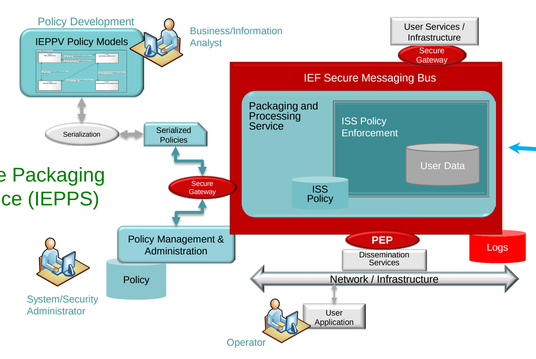
Information Sharing and Safeguarding by Design

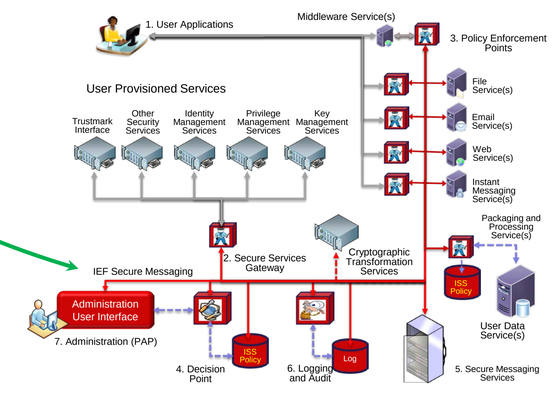
Program (Experimentation & Demonstration) Acronyms

ATCCIS – Army Tactical Command and Control Systems
MIP – Multilateral Interoperability Program
BOWMAN – UK Army Tactical Communications System
SAMSON – Security Access Management for Secure Operational Environments
TIES – Trusted Information Exchange Environment









Projected IEF Working Group Activity

(Priorities will be set by the IEF Working Group)