



National Information Exchange Model (NIEM)

Overview

February 28, 2007

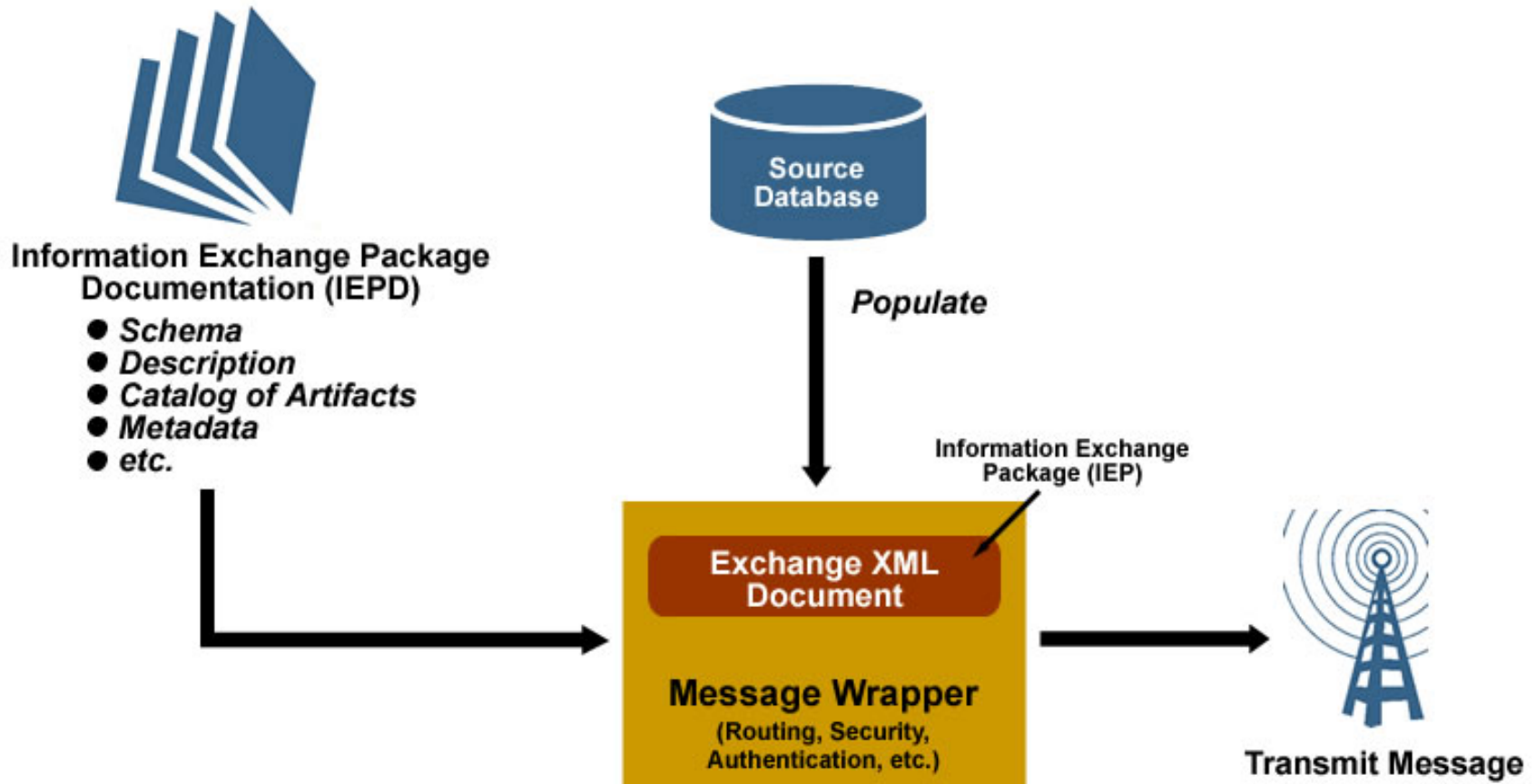


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NIEM is Payload – Specifications for Data in Business Context

Federated Domain Architecture



Deliverables

- **Documentation**
 - *Introduction to NIEM*
 - *Concept of Operations*
 - *User Guide*
 - *NIEM Naming and Design Rules*
- **Standards**
 - NEIM 1.0 / Harmony
 - Reference Exchanges
- **Training and Technical**
 - NIEM website
 - Training materials
 - Help desk
- **Tools**
 - Component Mapping Template
 - Schema Subset Generation Tool
 - Graphical Browser
 - Exchange Repository
- **Governance and Processes**
 - The structure to manage and maintain NIEM and the processes and procedures behind its operations.



NIEM (GJXDM) – Delivered Results



Aspect	February 2007
Increased Cross-Domain & Cross-Organization Inter-Operability	<ul style="list-style-type: none"> • ~1M Law Enforcement Officers in the US at the Local, State, Tribal, and Federal levels (including DOD, DHS, DOJ, DOI, Treasury) • DoD integrates law enforcement data for US-based force protection • National Association of State CIOs has endorsed use of NIEM
Enabled Mission Improvement	<ul style="list-style-type: none"> • ~90M transactions/month across ~20 transaction types; FBI CJIS migrating to NIEM (~170M transactions/month) • ARJIS (San Diego) correlate 700K license plates from border crossing with outstanding warrants to generate ~225 felony leads • Terrorist Screening (TWPDES); Amber Alerts; National Sex Offender Registry; Drivers' License, Rap Sheets, Wants and Warrants, ...
Cost Savings & Avoidance	<ul style="list-style-type: none"> • Single DHS exchange standards to be the basis for inter-operability and build once use many reuse across ~40 legacy applications • New York has built a family of ~150 NIEM 1.0 IEPDs and reporting high levels of data component reuse and application code simplification. • Documented savings and vendor (Record Mgmt Systems) adoption