ANSI/NIST Fingerprint Standard Update Workshop
Gaithersburg, Maryland
April 26-28, 2005
Define IEPDs (Information Exchange Package Documentation) to support interoperability among justice systems

Expand and refine GJXDM/DD through experienced feedback; resolve vague definitions

Constrain/restrict down to key choices to support interoperability
IEPD Goals and Objectives

Justice exchange data does not belong to only one domain

- Example: Protection Order is not just a court document
- LEA is an exchange partner
- FBI is an exchange partner

Most important: a group of representative exchange partners working through the business and technical requirements of the exchange
IEPD Process

- JIEM
- Domain Modeling
- GJXDM Mapping
- Subset Schema (SSGT)
- Extension, Document, Constraint
- Sample XML Instance
- Packaging
- Horizontal Analysis/Reuse
- Education and Outreach
Process to Build IEPD

Assemble a team of domain + GJXDM model/schema structure expert(s)
## GJXDM Mapping Spreadsheet

<table>
<thead>
<tr>
<th>Data Elements (Requirements)</th>
<th>Notes</th>
<th>GJXDM Mapping</th>
</tr>
</thead>
<tbody>
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<td><strong>Local code set</strong></td>
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<tr>
<td>Agency Code</td>
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<td></td>
</tr>
<tr>
<td>Name (Last)</td>
<td></td>
<td>Citation/CitationSubject/PersonName/PersonSurname</td>
</tr>
<tr>
<td>Name (First)</td>
<td></td>
<td>Citation/CitationSubject/PersonName/PersonGivenName</td>
</tr>
<tr>
<td>Eye Color</td>
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<td>Citation/CitationSubject/PersonPhysicalDetails/PersonEyeColorCode</td>
</tr>
<tr>
<td>Subject</td>
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<tr>
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</tr>
<tr>
<td>Vehicle License Plate Number</td>
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<td>Citation/CitationSubject/Vehicle/VehicleLicensePlateID/ID</td>
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<tr>
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<tr>
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<td>Citation/CitationIssuingOfficial/EnforcementOfficialBadgeID/ID</td>
</tr>
<tr>
<td>District</td>
<td></td>
<td>Citation/CitationLocation/LocationLocale/LocaleDistrictName</td>
</tr>
</tbody>
</table>

**Mapping Notes**

1. Add Vehicle to an extension of SubjectType and substitute it into Citation/CitationSubject/Vehicle/VehicleLicensePlateID/ID
2. Add local components to an extension of CitationType and substitute it into Citation.
3. Add local code to an extension of JurisdictionType and substitute it into Citation/CitationAgency/Organization/Jurisdiction
4. Add local code to an extension of IDType and substitute it into Citation/CitationSubject/Vehicle/VehicleLicensePlateID.
5. Substitute DrivingIncidentType into Citation/CitationViolation.
6. Add local codes to an extension of DrivingIncidentType and substitute it into Citation/CitationViolation.
Please ensure that you read the information page before using this tool.
Packaging

- Subset Schema
- Constraint Schema
- Extension Schema
- Document Schema
- Sample XML Instance
- IEPD
Law Enforcement Reference IEPDs

SEARCH is leading this effort, with support from the Community Oriented Policing Services (COPS) office of the Department of Justice

- Incident Reporting/Incident Data/NDEx
- Field Investigation Report
- Arrest/Booking Information
- LEA Referral/Prosecution Charging

Horizontal Analysis conducted following the completion of these four documents

Artifacts posted on SEARCH website with link to OJP Clearinghouse
IEPD Goals and Objectives

Remember: the goal is to exchange messages, not to build databases

The more we standardize the container and the payload of components, the more it supports our goals

Standard, non-proprietary, consistently structured artifacts helps all of us to leverage IEPDs as models for information sharing

Thank you!
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