

TRAFFIC CITATION

GJXDM

Information Exchange Package Documentation



Version 0.01

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1. Purpose and Scope

1.1. Scope

National

1.2. Purpose:

The purpose of the Traffic Citation IEPD is to create and document a national court standard for the traffic citation exchange using the Global Justice XML Data Model (GJXDM). The IEPD is intended to act as a guide or template for local jurisdictions implementing electronic exchange of information, in this case traffic citation information. It is expected that jurisdictions that implement the exchange will extend and/or constrain the IEPD to fit their individual needs. Ultimately, as the result of the experience gained through local implementations, the IEPD will be revised with the goal of moving toward a single standardized exchange.

The purpose of developing any IEPD is to achieve the following:

- Facilitate information sharing within the court community and between courts and other justice partners.
- Facilitate the development of consistent and reusable court data components.
- Reduce costs and increase efficiency of information sharing efforts.
- Establish court information sharing policies and procedures.
- Foster collaborative development between the courts and other justice domains.
- Create a common understanding and language between domain experts and technical experts.
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2. List of Artifacts

The IEPD, in its entirety, is located at http://www.ncsconline.org/D_Tech/gjxdm/#TrafficCitation.

1. GJXDM Subschema
2. Extension Schema
3. Document Schema
4. Data Model Diagram
5. XMI Export
6. XML Mappings
7. GIEP Description

3. XML Schemas

All schemas associated with the IEPD are located at http://www.ncsconline.org/D_Tech/gjxdm/#TrafficCitation.

3.1. GJXDM Subset Schema

The GJXDM Subset Schema is located at http://www.ncsconline.org/D_Tech/gjxdm/iepd/TrafficCitation/Traffic%20Citation%20Schema%20Package/jxdm/3.0.2/jxdm.xsd.

3.2. Constraint Schema

Because this is a national model, there is no constraint schema defined.

3.3. Extension XML Schema

The Extension Schema is located at http://www.ncsconline.org/D_Tech/gjxdm/iepd/TrafficCitation/Traffic%20Citation%20Schema%20Package/nc.xsd.

3.4. Document XML Schemas

The Document Schema is located at http://www.ncsconline.org/D_Tech/gjxdm/iepd/TrafficCitation/Traffic%20Citation%20Schema%20Package/Protection%20Order.xsd.

4. Additional IEP Provisions

None

4.1. Additional Property Definitions

4.1.1 Document

Name	Description
Traffic Citation	This traffic citation model provides a data and relationship framework for information exchange based on the standard forms concerning a specific criminal or civil traffic citation.

4.1.2 Document Sections

Name	Description
Appearance	The appearance event in a court case.
Arresting Officer	The officer that initially responds to an incident.
Charge	Details about a formal allegation that a specific person has committed a specific offense.
Citation Identifiers	A criminal or civil citation issued by a law enforcement officer.
Citation Organization	An organization that has been issued a citation
Citing Officer	Officer that actually filled out the traffic form, either electronically or on paper.

Name	Description
Incident	A distinct occurrence or event.
Law Enforcement Agency	A government agency with legislative arrest authority.
Owner Organization	Property or vehicle owner organization.
Owner Person	Property or vehicle owner person.
Subject	The person or organization of interest.
Vehicle	A motor vehicle.

4.1.3 Components

Name	Description
Address	Text description of the location of a person or organization
Agency Identifiers	An administrative division of a government.
Alias	An assumed name (referred to in law enforcement as an "Also Known As" or AKA
Arrest Identifiers	Reference numbers or other identifying information regarding an arrest event.
Bail	Security, usually a sum of money, exchanged for the release of an arrested person as a guarantee of that person's appearance for trial.
Business Address	A location of an organization.
Contact	Text and numeric information about the person who is the contact person for the data being submitted.
Contact Name	A person with the given contact information.
Contact Phone	Name of a person to communicate with.
Court Case Identifiers	Reference numbers or other identifying information regarding a court case.
Drivers License	Official motor vehicle operators license issued by a state or legislatively authorized government organization.
Driving Incident Details	Details regarding the incident.
Fine	A forfeiture or penalty to be paid to the court or an offended party in a civil action.
Insurance	Insurance or other evidence of financial responsibility
Intoxication	The pathological state produced by a drug, serum, alcohol, or any toxic substance.
Justice Person Identifiers	Badge number, bar number and employment name for Affiant for the Arrest Warrant.
Law Enforcement Identifiers	Identifying references for traffic citations.
Legal Authority for Offense	The underlying substantive offense
Name	The name of the person.
Organization Identifier	An identifier of an organization based on the type of organization it is, e.g., for a school, this would be a school identifier, for a lien holder, this would be a lien holder identifier, for a court, this would be a court identifier.
Person Identifiers	Identifying numbers such as social security number, law enforcement officer badge number, or FBI or state criminal ID number.

Name	Description
Physical Characteristics	Identify scars, marks, tatoos and other distinguishing physical characteristics. This can include missing limbs, large ears, etc.
Physical Descriptors	The physical description of a person.
Residential Address	Details about an address for a place where a person lives.
Road Conditions	Condition of a motor vehicle highway at the time of the incident.
Schedule	A plan for hearing cases by the court.
Seized Property	Property that has been taken into possession by law enforcement or the government.
Social Details	Information regarding a persons citizenship and military service status.
Speed Detection	Means of measuring speed of a vehicle
Vehicle Identification	Details regarding a motor vehicle.
Vehicle Registration	When the vehicle plate is issued, the vehicle is registered.
Verification	Mechanism for validation of subject. This may include fingerprinting, etc.
Violation Location	Place where the violation occurred
Work Address	Address of an employer

4.1.4 Elements

Name	Description
Accident Report Number	An identifier for an accident report.
Age At Incident Description	Age of the alleged person at time of the incident. This element should also allow for an approximate age if specific date of birth is not known.
Agency Code Identifier	An alphanumeric code used and assigned locally to agencies to uniquely identify them within that jurisdiction.
Agency Name	Name of a justice agency, e.g. police department, law firm, court.
Agency ORI	A unique identifier assigned to a justice-related organization by the federal government. Sometimes referred to as ORI, ORI code, Originating Agency Code.
Agency Reporting District	Name of a work group or area in a local office
Appearance Date	Date that a defendant needs to appear in court.
Appearance Required Indicator	True if a court appearance is required; false if otherwise.
Appearance Time	Time that a defendant needs to appear in court.
Area Code	A dialing code for a state or province for phone numbers in the USA, Canada, Mexico, and the Caribbean.
Badge Number	Identifier that is either assigned by a law enforcement agency or other entity to each

Name	Description
	officer. This may be an employee number or a court assigned PIN.
Bail Amount	Monetary amount set for the defendant's bail.
Booking Number	Number assigned by Law Enforcement Agency at the time of booking
Booking Required Indicator	Flag indicating whether subject should be booked.
Building Designation	A number or letters assigned to identify a building in an address.
CDL Status Code	Indicates the current status of a Commercial Drivers License (e.g. suspended, expired)
CMV Indicator	Indicates whether the vehicle involved in the incident is a commercial vehicle.
CMV Weight	Weight of a Commercial Motor Vehicle. This influences fines and other sanctions.
Case Caption	Official case title for court record.
Case Category	For trial courts, there are five case categories, representing the highest level of classification: <ul style="list-style-type: none"> · Civil · Domestic Relations · Criminal · Juvenile · Traffic, Parking, & Local Ordinance Violations
Charge Attribute	Additional information that notifies the court of special conditions (e.g. domestic violence, white collar crime, or court reporting requirements)
Charge Description	Statutory text describing the offense committed by the defendant and how it applies to the cited statute.
Charge Text	A narrative description of the facts and circumstances for which a statute is charged. In the event of a correctable offense, this may include text that describes the equipment (tail light, headlight, etc.) that requires fixing; if fixed, citation is dismissed
Charge Title	A summary heading of a crime or offense.
Charge Type	Severity of the charge (e.g., infraction, misdemeanor, felony).
Citation Issue Date	Date that a citation was issued aka charge date.
Citation Number	Identifier assigned by law enforcement agency to track citations.
Citizenship	Code or text indicating a country of citizenship.
Confinement Location	Location at which the offender is detained.
Correctable Offense Indicator	An indicator that equipment (tail light, headlight, etc.) requires fixing; if fixed, citation is dismissed
Count Number	A unique identifying number assigned to a

Name	Description
	particular charge by an arresting agency, prosecuting attorney, or a court for case management purposes.
Country Code	An international dialing code for a country.
Country Name	Name of the country
County Name	The name of the County governmental unit.
Court Case Number	A unique identifier assigned to a court case.
Date of Birth	A person's date of birth.
Digital Verifier	Digital representation of an photograph, fingerprint, or biometric.
Digital Verifier Type	Text describing the type of verification (e.g. fingerprint, image, biometric)
Email Address	An email address of a person or organization.
Endorsement Code	Indicates the driver's authority to drive specific vehicle types (e.g. hazardous materials, tanker, school bus). Subject either have multiple endorsements or comprehensive codes that cover multiple endorsements.
Ethnicity	A person's ethnicity.
Expiration Date	Date a document or order expires unless further action occurs.
Extension	Additional numbers to be entered to direct a call to the appropriate place.
Eye Color Code	A code representing person's eye color.
FBI Number	A unique number assigned to a defendant by the FBI based on submitted fingerprints.
Fax Number	A facsimile number of a person or organization. Sometimes referred to as a FAX or fax number.
Federal DOT Number	Number assigned by DOT to an organization
Fine Amount Due	The amount due to a court for an offense.
Fine Amount Due Date	The date payment for a fine is due.
Fine Type	The purpose for this fine (e.g. court costs, surcharge, scheduled amount)
First Name	First name of a person.
Floor	The floor number of a particular building
GPS Coordinates	Coordinates for a location
Hair Color Code	A code representing person's hair color.
Hazmat Indicator	Yes/No indicator of whether incident involved hazardous materials.
Height Measure	A person's height.
Incident Description	A text description of the accident.
Insurance Carrier Name	Name of insurance organization
Insurance Status	The status of a person's motor vehicle insurance at the time of the incident.
Insurance Type	The type of insurance the defendant possessed at the time of the incident.
Interpreter Required Indicator	Set to yes if a person needs an interpreter.
Intoxication Level	The level of intoxication a subject tested; e.g. blood alcohol content .05.
Intoxication Test Refused	Indicates that subject refused to take a intoxication test.

Name	Description
Intoxication Test Type	The type of test used to determine intoxication.
Issuing Country	If an International Drivers License, indicates the country that a person has a valid drivers' license in.
Laser Indicator	An indicator that a laser gun was used to detect speed
Last Name	Last name of a person.
Legal Speed Rate	The posted speed limit on a particular road, highway, bypass, etc.
License Class Code	A code indicating the types of vehicles a person is licensed to operate (e.g. commercial, private)
License Commercial Class Code	A code identifying the size of commercial vehicle (e.g. A, B, C) that a licensed driver has been examined on and approved to operate.
License Issuing Jurisdiction	The state or other authorization (e.g. DOD) from which a driver's license was issued.
License Number	Unique identifier assigned by the state to a driver's license.
License Restriction Code	A code indicating any constraints or restrictions on a person's authorization to operate a motor vehicle.
Living Indicator	True if a person is alive, false if a person is dead.
Local Person Identifier	A unique number assigned to a defendant by a local law enforcement agency based on submitted fingerprints or other less precise methods.
Location Description	Captures all information to identify a location. May represent street address and city, direction of travel, mile markers, cross roads, location on body, etc.
Mark Type	The type of physical feature (e.g. tattoo, scar, mole)
Middle Name	Middle name of a person.
Military Indicator	Indicates if a person is currently on active duty in the military
Military Status	The military status of a person (active, AWOL, discharged).
Moniker	Nickname or alternative justice identifier.
Municipality Name	Name of a city, township, etc.
NCIC Charge Code	The NCIC code assigned to the criminal case charge.
Name Prefix	A title or honorific used by a person, e.g., Dr., Judge, General, Ms.
Name Suffix	A component that is appended after the family name that distinguishes members of a family with the same given, middle, and last name, (e.g., Jr, Sr, III), or otherwise qualifies the name (e.g., MD, LLD, PhD).
Number Passengers Measure	The number of people in the car not including

Name	Description
	the driver
Offense Date	Date an offense occurred or began (if offense took place over a period of time). aka incident date or violation date.
Offense Description	A description of the statute violated.
Offense End Date	Date ending the period of time during which an offense occurred.
Offense End Time	Time that an offence ended
Offense Time	Violation Time
Offense Type Code	Category of offense type, e.g. check box indicating type of citation, i.e., speeding, operating under the influence, driver license violation, safety belt infraction.
Organization DBA Name	Name that the organization is doing business under.
Organization Legal Name	The official name of an organization as listed on the IRS Letter of Determination
Organization Name	A name of an organization.
Person Full Name	Full name of a person. This is to accomodate situations where a person may have more than three names.
Plate Jurisdiction	State that issued the license plate
Plate Number	A alphanumeric identifier assigned to a vehicle license plate.
Plate Type	Type of license plate displayed on vehicle (e.g. commercial)
Postal Code	Postal zip code in an address
Postbox Number	PO Box Number
Primary Language	The principal language spoken by the person
Proof of Insurance Indicator	Indicates whether the driver has demonstrated a proof of insurance.
Property Description	The description of a article of property.
Property Type	A code representing a type of property, e.g. vehicle, television, etc.
Race Code	A code identifying a person's race.
Radar Indicator	An indicator that radar was used to detect speed
Recorded Speed Rate	The speed at which the offender was observed.
Restriction End Date	The expiration date for driving restrictions that have been placed on a driver
Road Description	Description of road conditions.
Road Type	The type of road, e.g. highway, interstate, rural road, etc.
Sex Code	A code indicating a person's sex.
Social Security Number	A unique identifier assigned to a defendant by the Social Security Administration.
Speed Detection Method	Field that indicates the mechanism for determining speed (e.g. Radar, Aircraft)
Speed Excess Amount	The speed excess of the legal speed limit.

Name	Description
State	Name or abbreviation of the state in an address.
State ID Number	A number assigned to a defendant by a state based on submitted fingerprints.
State Motor Carrier Number	Number assigned by the state to an organization.
Statute Code	Alpha reference to a section or category within a charge code book. (e.g. in VC123.23(a), the VC portion is the statute code)
Statute Enactment Date	Date a particular statute became law.
Statute Number	Alphanumerical reference indicating the statute violated within a charge code book (e.g. in VC123.23(a), the 123.23(a) portion is the statute number)
Street Name	A name of a street.
Street Number	A number that identifies a particular unit or location within a street.
Street Post Directional	A direction that appears after a street name.
Street Pre Directional	A direction that appears before a street name.
Subject Arrested Indicator	If the subject is arrested, flag is set to yes.
Telephone Number	A full length telephone identifier.
Traffic Accident Indicator	Yes or no flag indicating if there was an accident associated with the document
Traffic Accident Injury Qualifier	Qualifies the type of traffic accident (e.g. fatal, personal injury) and may include more than one.
Traffic Accident Property Damage	Describes property damage that may have occurred as the result of a traffic accident.
Traffic Condition Text	Traffic conditions at the time of an incident.
Vehicle Classification	Authorized vehicle usage (e.g. A, B, C).
Vehicle Identification Number	A unique combination of alphanumeric characters that identifies a specific vehicle-- often called VIN.
Vehicle Make Code	A code identifying the manufacturer of a vehicle.
Vehicle Model Code	A code identifying the specific design or type of vehicle made by a manufacturer. Sometimes referred to as the series model.
Vehicle Model Year	A year which is assigned to a vehicle by the manufacturer.
Vehicle Ownership Type	Text describing the type of owner of the vehicle (personal, company, organization, government)
Vehicle Primary Color Code	A code identifying a single, upper-most, front-most, or majority color of a vehicle.
Vehicle Secondary Color Code	A code identifying the lower-most or rear-most color of a two-tone vehicle or the lesser color of a multi-colored vehicle.
Vehicle Style Code	A code identifying the style or body type of a vehicle (e.g. van, pickup, 2 door, motorcycle etc.)

Name	Description
Violation Zone Type	The type of the special incident zone if the incident occurs within a violation zone (e.g. construction, railroad, school, utility). Multiple zones may be selected.
Weather Condition Text	Weather conditions at the time of an incident.
Weight Measure	A person's weight.

4.1.5 Document Local XML Types

Name	Description
ActivityType (SuperType)	A structure that describes details about an activity or process that occurs.
AddressType (SuperType)	A structure that describes a postal location to which paper mail can be directed.
AgeMeasureType (MeasureType)	A structure that describes an age.
AmountType	A structure that describes an amount of money.
ArrestType (ArrestType)	The type of arrest.
ArrestType (ActivityType)	A structure that describes details about the apprehension of a subject by a peace official.
BinaryType (SuperType)	A structure that describes a digital representation of an object encoded in a binary format.
BiometricType (SuperType)	A structure that describes information used to measure a biological or behavioral characteristic.
BookingType (BookingType)	Boolean flag (true or false) that indicates whether a subject should be booked.
BookingType (ActivityType)	A structure that describes details about an administrative step taken after an arrest subject is brought to a police station or detention facility.
BuildingType (SuperType)	A structure that describes details about a building.
CaseType (ActivityType)	A structure that describes an aggregation of information about a set of related activities and occurrences.
ChargeClassificationType (SuperType)	A structure that describes details that further describe and classify a charge.
ChargeReportingType (SuperType)	A structure that describes details about information that is sent to local, state, or federal repositories describing the nature of a charge in terms of official codes, terms, and fields.
ChargeType (ChargeType)	A structure that describes details about a formal allegation that a specific person has committed a specific offense.
ChargeType (SuperType)	A structure that describes details about a formal allegation that a specific person has committed a specific offense.
CitationType (CitationType)	A structure that describes details about an official summons to appear in court or to pay a fine.

Name	Description
CitationType (ActivityType)	A structure that describes details about an official summons to appear in court or pay a fine.
ContactInformationType (SuperType)	A structure that describes details about how to contact a person or an organization.
CourtAppearanceType (CourtAppearanceType)	A structure that describes details about and appearance required of a party in a court of law on a certain date.
CourtAppearanceType (SuperType)	A structure that describes details about an appearance required of a party in a court of law on a certain date.
DocumentType (SuperType)	A structure that describes inherent and frequently used characteristics of a document.
DriverAuthorizationType (SuperType)	A structure that describes details about an authorization issued to a driver granting driving privileges.
DriverLicenseType (DriverAuthorizationType)	A structure that describes details about a license issued to a person granting driving privileges.
DrivingIncidentType (DrivingIncidentType)	A structure that contains the driving accident report number, incident detection method, and speed.
DrivingIncidentType (IncidentType)	A structure that describes details of an incident involving a vehicle.
DrivingJurisdictionAuthorityIDType (IDType)	A structure that describes an identifier that may have an issuing authority from the ANSI D20 standard.
DrivingRestrictionType (SuperType)	A structure that describes details about a restriction applicable to a driver permit or license.
ElevationUnitCodeType	A code list that enumerates the units of measurement for an elevation.
EmploymentType (SuperType)	A structure that describes details about an employment of a person.
FacilityType (OrganizationType)	A structure that describes an organization that carries out some form of enforcement or reformatory activities for its members.
FingerprintSetType (BiometricType)	A structure that describes a representation or an encoding of the identifying characteristics of a set of person's fingerprints.
IDType (SuperType)	A structure that describes an identifier of an entity.
IncidentCategoryType (SuperType)	A structure that describes a general category or classification of an incident.
IncidentResponseType (IncidentResponseType)	The type of incident that results in an arrest.
IncidentResponseType (ActivityType)	A structure that describes a response to an incident by an official unit.
IncidentType (IncidentType)	A structure that describes details about the incident.
IncidentType (ActivityType)	A structure that describes a criminal or non-criminal activity that occurred.
InsuranceType (InsuranceType)	A structure that describes details about the

Name	Description
	person or vehicles insurance.
InsuranceType (SuperType)	A structure that describes a coverage by a contract whereby one party agrees to indemnify or guarantee another against loss by a specified contingent event or peril.
IntoxicationType (IntoxicationType)	A structure that contains information regarding the type of intoxication by the arrested person.
IntoxicationType (SuperType)	A structure that describes the measurable alcoholic and/or drug intoxication level of a person.
LocationType (SuperType)	A structure that describes a physical location.
LocationType (LocationType)	A structure that describes a physical location.
MapLocationType (SuperType)	A structure that describes a location specified by a map or grid coordinates.
MeasureType	A structure that describes a representation of a measurement.
MilitarySummaryType (SuperType)	A structure that describes a summary about the service of a person in the military.
NumericType	A structure that represents a number value and includes numeric metadata.
ObligationType (SuperType)	A structure that describes an obligation or requirement.
OrganizationType (SuperType)	A structure that describes a unit which conducts some sort of business or operations.
OrganizationType (OrganizationType)	A structure that describes the organization providing insurance.
PersonAssignedIDDetailsType (SuperType)	A structure that describes a set of identifications issued to a person.
PersonBiometricDetailsType (SuperType)	A structure that describes a set of measurable biological or behavioral characteristics of a person.
PersonHeightMeasureType (MeasureType)	A structure that describes a measurement of the height of a person.
PersonMedicalDetailsType (PersonMedicalDetailsType)	A structure that describes the person's intoxication level or medical condition.
PersonMedicalDetailsType (SuperType)	A structure that describes the medical condition of a person.
PersonNameTextType (TextType)	A structure that describes a name of a person.
PersonNameType (SuperType)	A structure that describes a name of a person.
PersonPhysicalDetailsType (SuperType)	A structure that describes the physical appearance of a person.
PersonSocialDetailsType (PersonSocialDetailsType)	A structure containing information regarding a person's social information such as the need for an interpreter.
PersonSocialDetailsType (SuperType)	A structure that describes the social characteristics of a person.
PersonType (SuperType)	A structure that describes the inherent and frequently associated characteristics of a person.
PersonType (PersonType)	A structure that describes the inherent and frequently associated characteristics of a person.
PersonWeightMeasureType (MeasureType)	A structure that describes the measurement of

Name	Description
	the weight of a person.
PhysicalFeatureType (SuperType)	A structure that describes a physical feature of a person.
PropertyRegistrationType (SuperType)	A structure that describes the registration of a property item with an authority.
PropertyType (SuperType)	A structure that describes a tangible or intangible item that can be owned or used.
RateType (MeasureType)	A structure that describes a representation of a measurement of rate.
ResidenceType (LocationType)	A structure that describes a place in which a person lives.
SanctionType (ActivityType)	A structure that describes a sanction or penalty ordered for a subject as a result of a disposition of a charge.
SpeedRateType (RateType)	A structure that describes a rate of speed at which a vehicle is moving.
StatusType (SuperType)	A structure that describes the conditions or status of a person, activity, or object.
StatuteType (SuperType)	A structure that describes a law, rule, or ordinance within a jurisdiction.
StreetType (SuperType)	A structure that describes a street.
SubjectType (SubjectType)	A structure that describes a person who is involved or suspected of being involved in an incident or criminal activity.
SubjectType (PersonType)	A structure that describes a person who is involved or suspected of being involved in an incident or criminal activity.
SuperType	A structure that describes metadata common to most other structures.
TelephoneNumberType (SuperType)	A structure that describes a telephone number that can be dialed to reach a contact.
TextType	A proxy structure that represents a character string, generally in the form of words of a language, and includes language metadata.
VehicleBasicsType (PropertyType)	A structure that describes details about a vehicle, boat, aircraft, or other object used to provide a physical mode of transportation.
VehicleRegistrationType (VehicleRegistrationType)	A structure that describes the registration of a vehicle.
VehicleRegistrationType (PropertyRegistrationType)	A structure that describes the registration of a vehicle.
VehicleType (VehicleType)	A structure that describes a motor-driven conveyance designed to carry it's operator, passengers, and cargo, including trailers and excepting boats.
VehicleType (VehicleBasicsType)	A structure that describes a motor-driven conveyance designed to carry its operator, passengers, and cargo, including trailers and excepting boats.

4.1.6 Document Local XML Elements

Name	Description
AppearanceRequiredIndicator	This is an indicator that denotes "true" if a court appearance is required; false if otherwise.
Booking (BookingType)	Description of the administrative process of booking an arrested person.
BookingRequiredIndicator	Flag that indicates if a subject should be booked
Charge (ChargeType)	Details about a formal allegation against a specific person
ChargeFactorText (TextType)	Details about a factor involved that has an effect on a charge. Example: narcotics, computer, radar, domestic violence, employment, bias, injury, hazmat, CMV.
ChargeIncident (IncidentType)	Details about an incident that a subject is being charged on.
Citation (CitationType)	Details about an official summons to appear in court or pay a fine given to a subject from a peace official due to a subjects violation or infraction of a law.
CitationOrganization (OrganizationType)	An organization that violates a law and receives a citation
CourtAppearance (CourtAppearanceType)	Details about an appearance required of a party in a court of law on a certain date.
DrivingAccidentReportNumber (NumericType)	Report number for the accident
DrivingIncident (DrivingIncidentType)	Details about an incident involving a vehicle, e.g., a traffic accident, speeding, reckless driving.
DrivingIncidentDetectionMethodText (TextType)	A description of the method used to determine the speed of a vehicle.
DrivingIncidentExcessSpeedAmount	The amount of speed that the vehicle was recorded above the legal limit.
Incident (IncidentType)	Details about a criminal or non-criminal activity that occurred.
IncidentArrest (ArrestType)	Information regarding whether the incident resulted in an arrest.
IncidentLocation (LocationType)	A location where an incident occurred.
IncidentResponse (IncidentResponseType)	Details about a response to an incident by an official unit.
IncidentSubject (SubjectType)	A person whose actions caused an incident.
Insurance (InsuranceType)	Details about a coverage by contract whereby one party agrees to indemnify or guarantee another against loss by a specified contingent event or peril.
InterpreterRequiredIndicator	Yes/No flag indicating if a person requires an interpreter.
IntoxicationTestRefusedIndicator	True if the subject refused to take an intoxication test; false otherwise.
PersonDrivingInsuranceProofIndicator	True if a proof of insurance was demonstrated; false otherwise.
PersonIncidentAgeMeasure (AgeMeasureType)	The age of a person at the time of an incident

Name	Description
PersonIntoxication (IntoxicationType)	Details regarding a person's intoxication.
PersonMedicalDetails (PersonMedicalDetailsType)	Details regarding a person's medical condition.
PersonSocialDetails (PersonSocialDetailsType)	A person's social details such as whether they require an interpreter.
RegistrationParty.Organization (OrganizationType)	A person or organization to whom a registration is issued.
RegistrationParty.Person (PersonType)	A person or organization to whom a registration is issued.
Subject (SubjectType)	A person who is involved or suspected of being involved in an incident or criminal activity. This person may be the focus of an investigation or legal process, but is not necessarily the sole or primary focus.
Vehicle (VehicleType)	Details about a motor-driven conveyance designed to carry its operator, passengers, and cargo, including trailers, and excepting boats.
VehicleRegistration (VehicleRegistrationType)	Details about a registration of a vehicle.
ViolationZoneTypeText (TextType)	Type of special incident zone (e.g. school zone, construction zone)

4.2. Minimal Properties Set

Because this is a national model, there are no minimal property sets defined. However, local jurisdictions will likely want to define information regarding the property cardinality in the XML schemas.

4.3. Additional Business Rules

The definition of this document has been limited to identifying those elements that are currently in use and in which at least one use case could be cited during the development process. While other elements may be used in specific courts or jurisdictions, the intent of the IEPD is to compile the commonly used information to provide a basic structural template for the creation of jurisdictionally based messages.

The following are miscellaneous notes that were developed during the analysis and creation of the exchange document as it pertains to court and jurisdictional business rules and procedures:

- Subject should be used if the citation is issued to a person.
- Owner Organization should be used if the citation is issued to an organization
- Owner Person is only used if they are distinct from the subject
- An Owner Organization may be issued a citation directly or may be used as the owner of a vehicle that was driven by a subject
- The arresting officer and the citing officer will often be the same person
- The total bail amount is derived based on the bail indicated for each individual charge.

4.4. Other Information

None

5. Samples

Samples have not been developed for the traffic citation IEPD.

5.1. Sample XML Instances

Samples have not been developed for the traffic citation IEPD.

5.2. Sample XSL Style Sheets

Samples have not been developed for the traffic citation IEPD.

6. Development

6.1. Participants

Zaina Ajake	Court - Georgia
Kenneth Bosier	Court - Iowa
Bob Bray	Court - Georgia
Lynn Bruley	Court - Wisconsin
Shara Bunis	NCSC Consultant
Tom Carlson	NCSC
Sandy Carroll	Court - Maine
Tom Dewey	Vendor
Gary Egner	Vendor (Maximus)
Robin Gibson	Missouri
Jim Harris	Vendor (CSI)
Laurie Hinton	Court - Arkansas
John Kennedy	Court - North Carolina
Zemin Luo	Vendor
Meldie Malone	Court - California
Judge Lee W. McClelland -	Court - Ohio
Doug Mincher	Court - Georgia
Jackie Mitchell	Court - Texas
Kathryn Nicholson	Court - Texas
Ed Papps	NCSC/Contractor
Ellen Perry	Vendor
Mark Pritchard	AAMVA
Robert Redmond	Court - DC
William Roddy	AAMVA
Rochelle Schechtman	Court - Florida
Judge Robin Smith	Court - Kansas
Sherry Stark	Court - Nebraska
Doug Walker	NCSC/Contractor

6.2. Process:

In March, 2004 the COSCA/NACM Joint Technology Committee was asked to choose from a list of common inter-agency and inter-departmental justice messages and rank the most commonly used court forms and communications. The top four selections were citation, protection order, sentence, and warrant documents. Because these are the most common forms used by courts and therefore, the most common communication data exchanges, these four selections have served as the basis of the initial IEPD work performed by the National Center for State Courts.

A key element of the project was to establish a court Joint Standards Development (JSD) Team to participate in the development of the IEPD. The JSD team included participants from the courts, AAMVA and the justice industry. (See Section 6.1)

The first step in the creation of reference documents is to solicit court forms and electronic data exchanges from State Court IT Directors. In late May and early June, 2004, an updated listing of State Court IT Directors was completed and an e-mail was sent soliciting forms and electronic messages already used by courts for traffic and misdemeanor citation and domestic violence protection orders. The following states sent information for the traffic citation document:

- Alabama
- Maine
- Michigan
- Ohio
- South Carolina
- Texas
- Washington
- Wisconsin

Once the forms and other data transmission source documents were collected, both NCSC and contract staff extracted the data elements from the forms and organized them by state and then grouped them by like element. After performing the first analysis, and based on input from other GJXDM related meetings, it was determined that it would benefit all to create a data relationship model, or domain model, so as to better understand the organization, relationships and groupings of data involved in the exchange. The domain model is a pictorial representation from the business perspective of the groupings, Sections, Components and Elements, that make up the exchange.

A JSD meetings was held for developing the traffic citation IEPD in Atlanta, Georgia on June 16, 2004. During the meetings participants were asked to review the proposed domain model to determine: the appropriateness of the groupings, the need for each of the elements within the groupings, and the need for additional elements not present.

Following the JSD meetings URL Integration, a sub-contractor to the NCSC, used their excellent data mapping and organization software to map the elements to the GJXDM and to define and associate new extension elements where needed.

Subsequent follow-up work was conducted through WebEx conference calls with the JSD team. This included vetting the resulting domain model, vetting the descriptions and definitions of both GJXDM and extension elements for appropriateness, and reviewing the final IEPD once generated.

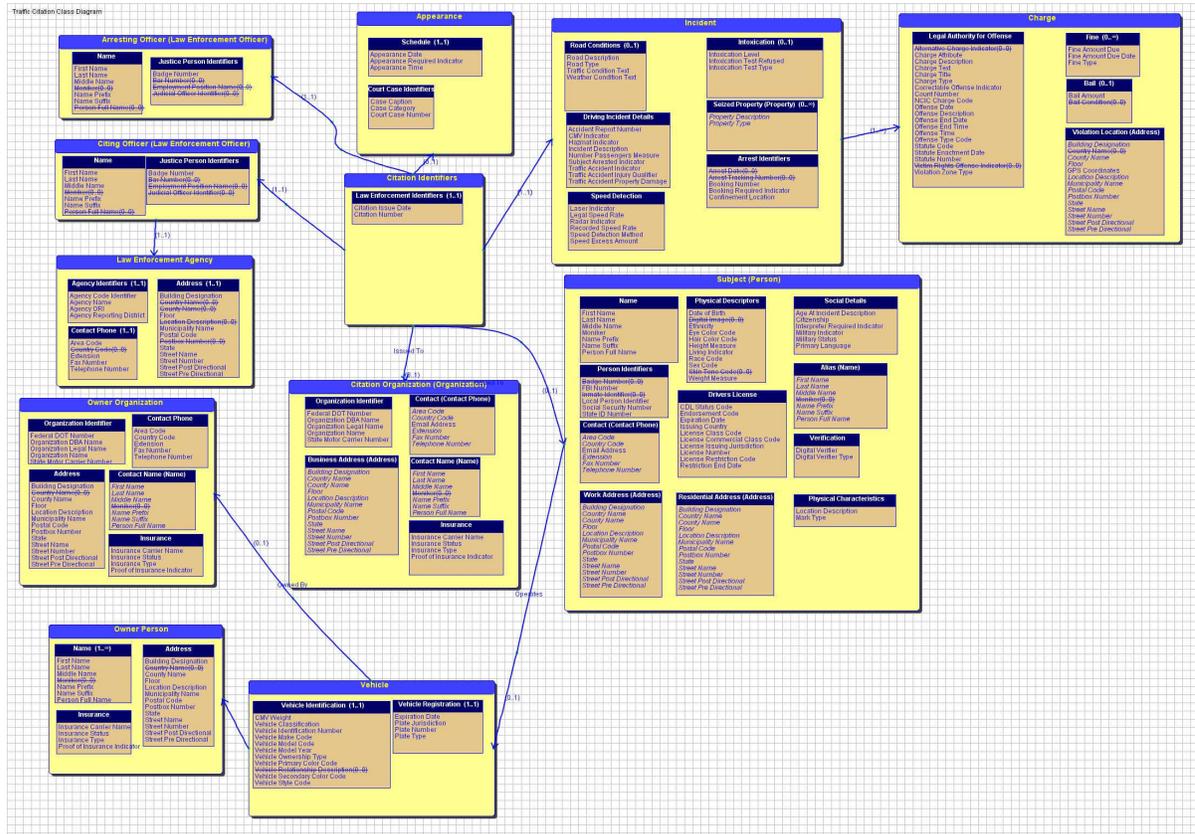
Draft versions of the proposed IEPD have been placed for open review by the justice community at:

http://www.ncsonline.org/d_tech/gjxdm#TrafficCitation.

6.3. Development Artifacts:

6.3.1. Data Model Diagram

The domain model is located at http://www.ncsonline.org/D_Tech/gjxdm/iepd/TrafficCitation/GIEP%20Definition%20Documents/DocumentModel.jpg.



6.3.2. Source Documents

Source documents are available at: http://www.ncsconline.org/d_tech/gjxdm/ or by contacting the National Center for State Courts at 757-259-1863.

6.3.3. Revision History

Version 0.01 – November, 2005

7. Testing and Conformance

Testing and conformance activities are expected to be conducted through the upcoming JTC Standards Process.

7.1. Testing

Testing activities are expected to be conducted through the upcoming JTC Standards Process.

7.2. Conformance

Conformance activities are expected to be conducted through the upcoming JTC Standards Process.

8. Feedback

Feedback will be incorporated as it is received. The extension schema will be supplied to the XSTF.