# IJIS Institute

INFORMATION SHARING
GLOSSARY

A single repository where users can find definitions for abbreviations, acronyms, and terms associated with information sharing and the National Information Exchange Model (NIEM). These definitions have been collected from various reports, websites, and other publicly-available industry and government resources
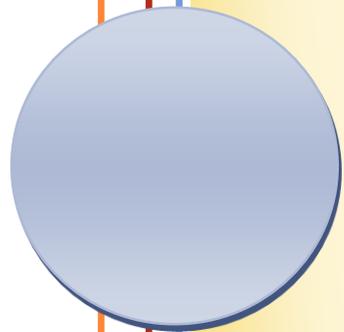
Contents

# #

4GL

Fourth Generation Language

A

AAG

Assistant Attorney General.

AAMVA

American Association of Motor Vehicle Administrators.

ABA

American Bar Association.

ABIS

Automated Biometric Identification System.

ACA

American Correctional Association. For more than 125 years, the ACA has championed the cause of corrections and correctional effectiveness. Founded in 1870 as the National Prison Association, the ACA is the oldest association developed specifically for practitioners in the correctional profession.

ACJA

American Criminal Justice Association – Lambda Alpha Epsilon. The ACJA is a professional organization that aims to promote a greater fraternal relationship among graduates of technical and professional police schools; to promote higher standards of educational attainment among peace officers; to promote the institution of courses of police science by recognized colleges and universities; to promote research projects in the field of police science; to promote a better understanding by the public of the aims and ideals of peace officer organizations; to promote the selection of properly trained personnel for law enforcement positions; to promote standard modern methods in the field of law enforcement; and, to promote unity of action among law enforcement agencies..

ADA

Americans with Disabilities Act.

ADAM

Arrestee Drug Abuse Monitoring. ADAM was a survey conducted by the U.S. Department of Justice to gauge the prevalence of alcohol and illegal drug use among prior arrestees. It was a reformulation of the prior Drug Use Forecasting (DUF) program,

focused on five drugs in particular: cocaine, marijuana, methamphetamine, opiates, and PCP.

Adam Walsh Act

Signed into law by U.S. President George W. Bush on July 27, 2006. The legislation organizes sex offenders into three tiers, and mandates that Tier 3 offenders update their whereabouts every three months. Failure to register and update information is made a felony under the law. It also creates a national sex offender registry and instructs each state and territory to apply identical criteria for posting offender data on the Internet (i.e., offender's name, address, date of birth, place of employment, photograph, etc.).

AES

Advanced Encryption Standard

AFCC

Association of Family and Conciliation Courts. AFFC is an interdisciplinary and international association of professionals dedicated to the resolution of family conflict. AFCC members are the leading practitioners, researchers, teachers and policymakers in the family court arena.

AFIS

Automated Fingerprint Identification System.

AGILE

Advanced Generation of Interoperability for Law Enforcement program (now CommTech).

AHA

American Hospital Association. AHA is the national organization that represents and serves all types of hospitals, health care networks, and their patients and communities. Close to 5,000 hospitals, health care systems, networks, other providers of care and 40,000 individual members come together to form the AHA.

AJA

1. American Jail Association.
2. American Judges Association.

ALI

1. Automatic Location Identification.
2. American Law Institute, publishers of various secondary sources of legal authority.

ALPR

Automatic License Plate Reader

AMBER (Alert)

America's Missing: Broadcast Emergency Response. The AMBER Alert Program is a voluntary partnership between law-enforcement agencies, broadcasters, transportation agencies, and the wireless industry, to activate an urgent bulletin in the most serious child-abduction cases. The goal of an AMBER Alert is to instantly galvanize the entire community to assist in the search for and the safe recovery of the child.

ANI

Automatic Number Identification.

ANSI

American National Standards Institute.

APB

Advisory Policy Board (of the FBI's Criminal Justice Information Services [CJIS] division). *Also* CJIS APB.

APCO

The Association of Public-Safety Communications Officials International.

API

Application Program Interface.

APPA

American Probation and Parole Association. The APPA is a membership-driven organization consisting of practicing and retired probation, parole, and community corrections professionals, as well as academicians, researchers, members of the legistlative, executive, and judicial branches of government, community volunteers, and corporations with an interest in criminal justice and community-based corrections.

ARJIS

Automated Regional Justice Information System.

Artifact

Any tangible and potentially reusable document or output pertaining to an existing or potential information exchange.

ASCA

Association of State Correctional Administrators. ASCA was founded on the belief that each represented correctional jurisdiction is **unique** with regard to obligatory statutes, policies, structure, incarcerated population, resources, and burning issues, but that similarities of purpose, responsibilities, principles, and challenges among its member jurisdictions **unite** them in a quest for public safety, secure and orderly facilities, and professionalism that can be achieved through sharing ideas and vigorously entering into collaborative efforts to persistently improve the corrections profession. ASCA members include former administrators of the above jurisdictions.

ASCIA

    Association of State Criminal Investigation Agencies.

ASCLD

    American Society of Crime Laboratory Directors.

ASIS

    American Society for Industrial Security.

ASPMP

    Alliance of States with Prescription Monitoring Programs.

Association

    A method developed to enable the semantic linking of non-related data elements within the model under specific contexts. This allows the preservation of the object-oriented deisgn principles of the data model while allowing granular specificity of meaning when two or more data elements are used in conjunction.

ASUCRP

    Association of State Uniform Crime Reporting Programs.

ATIX

    Automated Trusted Information Exchange.

ATF

    Bureau of Alcohol, Tobacco, Firearms and Explosives.

Attribute

    A characteristic of an object whose value may be used to help distinguish one instance of an object from others.

Augmentation

    A method developed to enable the reuse of type extensions that occur within particular domains for use elsewhere. This augmentation process seeks to avoid the duplicative defining of extensions that could not have been easily shared for mutual benefit before now.

Authoritative Source

    The organization or entity (in NIEM, often a domain or community of interest) that has taken ownership of an update responsibility for a particular IEPD or other exchange artifact including schemas, code lists, etc.

AVC

    Advanced Video Coding.

AVI

Audio/Video Interlaced

AVL

Automated Vehicle Location system.

AVR

Automated Voice Response System.

B

BAFO

Best and Final Offer.

BAM

Business Activity Monitoring.

BCL

Business Component Library.

Biosurveillance

Biosurveillance is an American Health Information Community breakthrough area defined as implementation of real-time, nationwide public health event monitoring to support early detection, situational awareness, and rapid response management across public health and care delivery communities and other authorized government agencies. The House Committee on Energy and Commerce has decided to investigate the creation of the National Biosurveillance Integration System at the Department of Homeland Security.

The operation was mandated by Homeland Security Presidential Directive 10. Its mission is "to provide early detection and situational awareness of biological events of potential national consequence by acquiring, integrating, analyzing, and disseminating existing human, animal, plant, and environmental biosurveillance system data into a common operating picture."

Bioterrorism

A bioterrorism attack is the deliberate release of viruses, bacteria, or other germs (agents) used to cause illness or death in people, animals, or plants. These agents are typically found in nature, but it is possible that they could be changed to increase their ability to cause disease, make them resistant to current medicines, or to increase their ability to be spread into the environment. Biological agents can be spread through the air, through water, or in food. Terrorists may use biological agents because they can be extremely difficult to detect and do not cause illness for several hours to several days. Some bioterrorism agents, like the smallpox virus, can be spread from person to person and some, like anthrax, cannot.

BJA

Bureau of Justice Assistance , U.S. Department of Justice

BJS

Bureau of Justice Statistics , U.S. Department of Justice

BOLO

Be On the Look Out.

BOP

(Federal) Bureau of Prisons, U.S. Department of Justice. The BOP protects society by confining offenders in the controlled environments of prisons and community-based facilities that are safe, humane, cost-efficient, and appropriately secure, and that provide work and other self-improvement opportunities to assist offenders in becoming law-abiding citizens.

BPEL

Business Process Execution Language.

BPO

Business Process & Operations.

BPR

Business Process Re-engineering.

Business Areas

See Lines of Business.

Business Component Library

The concept of facilitating the creation and storage of reusable components for NIEM IEPD creation. Business components typically consist of an aggregation of data components into a construct that serves a specific business need, such as assembling name and address elements to create a Home Address component. These components can then be reused, saving development time and costs and avoiding duplication of effort across NIEM implementations. *Also* BCL.

Business Context

A common frame of reference across business areas or domains allowing organizations to share information with specific goals or scenarios in mind.

Business Functions

The operations and procedures carried out to fulfill one or more business needs.

Business Model

A view of the business at any given point in time. The view can be from a process, data, event, or resource perspective, and can be the past, present, or future state of the

business. Creating a business model is often one of the initial steps when exploring information sharing needs and potentials.

Business Need

Often used as a justification for decisions or actions in a business setting, the business need addresses those outcomes that would most assuredly achieve business success.

Business Requirements

The requirements implicit in a transaction or information exchange in order to satisfy the business need of the parties involved. Business requirements and rules are often documented within an IEPD.

Business Rules

Policies and other restrictions, guidelines, and procedures that constrain the use of information exchanges. These rules are often not able to be documented directly within the XML schema artifacts within the IEPD and thus must be documented separately and agreed upon by parties engaging in the exchange.

Business Scenarios

Real-world scenarios that are used to describe or justify a use case for a certain business model.

BVP

Bulletproof Vest Partnership.

BWA

Broadband Wireless Access.

C

CAD

Computer-aided Dispatch. *Also* computer-assisted dispatch.

CapWIN

Capital Wireless Information Net. CapWIN is a regional coalition of public safety and transportation agencies across Maryland, Virginia, the District of Columbia, and the Federal Government whose mission is to enable and promote interoperable data communications, operational data access, and incident coordination and situational awareness across jurisdictions and disciplines.

Cardinality

A constraint that indicates the number of instances of an entity in relation to another entity, e.g., one-to-one, one-to-many, many-to-many.

CASA

Court Appointed Special Advocates. The National CASA Association is a network of 955 programs that are recruiting, training and supporting volunteers to represent the best interests of abused and neglected children in the courtroom and other settings.

CBP

U.S. Customs and Border Protection.

CCA

Community Corrections Act (specific to States).

CCH

Computerized Criminal Histories.

CCIPS

Computer Crime and Intellectual Property Section, U.S. Department of Justice.

CCJ

Conference of Chief Justices

CDC

Center for Disease Control

Certification

A process documenting that a verified and validated exchange package conforms to NIEM information exchange standards.

CFR

Code of Federal Regulations

CFS

Calls for Service

Change Management

The process of developing a planned approach to change in an organization. In NIEM, often refers to managing change impacts of new releases and modifications to the data model or domain structure.

CHRI

Criminal History Record Information

CICC

Criminal Intelligence Coordinating Council, U.S. Department of Justice. The CICC provides recommendations in connection with the implementation and refinement of the National Criminal Intelligence Sharing Plan (see 'NCISP').

CIO

Chief Information Officer.

CITA

Crime Identification Technology Act.

CJCC

Criminal Justice Coordinating Council.

CJIS

Criminal Justice Information System.

CJIS Division

FBI Criminal Justice Information Services Division.

CJIT

Criminal Justice Information Technology, Office for Criminal Justice Reform, UK.

CJRI

Criminal Justice Records Information.

Class

Description of a set of objects that share the same attributes, operations, methods, relationships, and semantics.

CLEMIS

County Law Enforcement Management Information System.

CLIP

Crime Laboratory Improvement Program.

CMM

Compatibility Maturity Model.

CMS

Case Management System.

Code

A symbolism or abbreviation of a term or concept meant to shorten the communication time and eliminate potential ambiguity of meaning.

Code Table

A set of related codes and their definitions. In NIEM, code tables have their own namespaces and can be internal or external.

CODIS

Combined DNA Information System.

COI

See Community of Interest.

Common

A NIEM concept referring to the common semantic understanding of data components across more than one business domain. Common also refers to the namespace where these components are found within the NIEM data model, and is the less restrictive namespace within the NIEM core.

CommTech

Communications Technology Program, National Institute of Justice.

Common Component

A data component that meets the criteria to be promoted to the Common namespace. Components are used in exchanges between two or more domains, but not universally shared (NIEM).

Common Vocabulary

Consistency of definition of terms across domains or communities of interest. This is the primary goal of the NIEM data dictionary.

Community of Interest

Collectives of people comprised of practitioners and technical representatives (government and private sector) who, by virtue of their organizational affiliation, day-to-day operational responsibilities, or their provision of services and programs collectively,have a stake in NIEM information exchanges and who authoritatively represent their respective domains. *Also* COI.

Community of Practice

Lines of business within the government and external organizations that are dedicated to the support of common business functions. Communities of Practice are often less formalized in function and decision-making than Communities of Interest, and serve as a forum to share best practices and work products. *Also* COP.

Component

An object, meant to interact with other objects, that encapsulates certain inherent functionality. These may be organizational components, data components, etc. In NIEM, component is often used to describe data elements that are either Universal, Common, or domain-specific in the NIEM framework.

Component Mapping Table

The tool of choice for mapping components that are used by organizations or domains that are being compared to those that currently exist in NIEM to identify overlap or gaps between the two. *Also* CMT.

Configuration Management

The control and adaptation of the evolution of complex systems, and the evaluation and approval of changes that impact interrelationships between components of those systems. Configuration management is closely related to change management.

Conformance

The requirement that those who participate in NIEM by contributing data components or creating and sharing IEPD artifacts are following the agreed-upon procedures for doing so, and that all documentation meets minimum criteria and the NIEM Naming and Design Rules (NDR), where applicable.

Conformant Schema

A schema that maintains the XML Schema syntax requirements of NIEM as specified by the NIEM Naming and Design Rules (NDR).

Constraint Schema

A schema with the purpose of restricting or constraining content that appears in instances of the Subset Schema.

ConOps

Concept of Operations.

Controlled Vocabulary

A list of terms that have been enumerated explicitly with unambiguous, non-redundant definitions and are governed by a COI.

COP

Community of Practice.

COPS MORE

Community Oriented Policing Services Making Officer Redeployment Effective.

COPS Office

Community Oriented Policing Services Office, U.S. DOJ.

Core

In the NIEM data model, comprised of the Universal and Common namespaces, containing all components that are determined to be relevant and semantically agreed upon by some or all participating domains. NIEM Core could be said to contain all reusable components that are not domain-specific, and are governed by NIEM processes and policies regarding promotion and maintenance of those components.

Core Component

A data component that meets criteria to be promoted to the Common or Universal namespaces.

Core.gov

Component Organization and Registration Environment. Online collaboration tool used by NIEM governance groups to facilitate internal communications.

CORI

Criminal Offender Record Information Act.

COSCA

Conference of State Court Administrators.

COTS

Commercial off-the-shelf.

CRM

Customer Relationship Management

CSAP

Center for Substance Abuse Prevention.

CSAT

Center for Substance Abuse Treatment.

CSG

Council of State Governments.

CSO

Criminal Justice Information Sharing (CJIS) Security Officer.

CSOM

Center for Sex Offender Management.

CSS

Cascading Stylesheet

CT

Control Terminal

CTA

Corrections Technology Association

CTA

Control Terminal Agency

CTC

Court Technology Conference

CTG

Center for Technology in Government.

CTISS

Common Terrorism Information Sharing Standards

CTO

Chief Terminal Officer

D

DARE

Drug Abuse Resistance Education.

Data

Facts represented in a readable language (such as numbers, characters, images, or other methods of recording) on a durable medium. Data on its own carries no meaning, but when given context, data becomes information.

Data Artifact

A collective term for electronic artifacts related to presentation, description, representation, or storage of data. Examples are documents and XML schemas.

Data Component

A basic business data item that represents a real-world object and/or concept. Information that is exchanged between agencies can be broken down into individual data components - for example, information about people, places, material things, and events. (*see also* Component).

Data Dictionary

A set of data elements and their definitions, including any metadata and representations associated with them.

Data Element

A basic unit of data having definition, identification, representation, and values; the lowest level of physical representation of data. (*see also* Element)

Data Exchange

A transaction between parties, either periodic or unique, where data is moved from a sender to a receiver.

Data Harmonization

The process of comparing two or more data component definitions and identifying commonalities among them that warrant their being combined, or *harmonized*, into a single data component.

Data Model

A graphical and/or lexical representation of data, specifying their properties, structure, and interrelationships.

Data Object

An aggregation of information from data component(s) that represents discrete information about a subject area. Data objects with a clear business context become business components.

Data Promotion

The identification of data components in the NIEM that are semantically agreed upon between more than one domain or with all domains, and are reclassified in a higher-level namespace to reflect that fact (typically to Common or Universal).

Data Registry

A registry that is centered on the discovery of data elements and components. (*see also* Registry)

Data Repository

A repository that is centered on the storage and cataloging of data elements and components. (*see also* Repository)

Data Standard

Agreed-upon structure for representing data in machine-readable format, often used to facilitate information exchange through common understanding and recognition of the data elements used.

Data Steward

Someone who has the role of surrogate owner of a data element or entity for an enterprise. A data steward provides the definition and parameters of a data element or entity for the enterprise.

Data Type

A constraint on the type of data that an element or attribute may hold
(e.g., *date*, *string*, *float*, or *integer*).

DEA

U.S. Drug Enforcement Administration.

DEA Number

A unique identifying number assigned to controlled substance prescribers and dispensers by the DEA. See also "National Provider ID."

DHS

U.S. Department of Homeland Security.

Discovery

The act of locating a machine-readable description of a Web service-related resource that may have been previously unknown and that meets certain functional criteria. Discovery involves matching a set of functional and other criteria with a set of resource descriptions. For NIEM, discovery normally refers to the search of IEPDs within a repository to identify data components that can be reused in IEPD development.

DNS

Domain Name Service.

Document

A file containing unstructured and/or semi-structured data resources. A discrete and unique electronic aggregation of data produced with the intent of conveying information.

Document Schema

A schema with the purpose of defining the actual content model of the information exchange within an IEPD.

DOC

U.S. Department of Corrections

DoD

U.S. Department of Defense

DOJ

U.S. Department of Justice

Domain

A set of people, organizations, and processes having comparable business functions designed to achieve similar goals irrespective of organizational boundaries. Domains often have the business requirement and the capability to harmonize data for exchange. In NIEM, domains are Lines of Business.

A business enterprise broadly reflecting the COIs, agencies, units of government, operational functions, services, and information systems which are organized or affiliated to meet common objectives.

Domain Model

A conceptual view of a system or an information exchange that identifies the entities involved and their relationships. (*see also* Exchange Model)

Domain-specific Component

A component that meets technical standards, complies with NIEM requirements, and is of interest to a specific domain, which is managed and harmonized by the appropriate COI.

DVR
> Digital Video Recorder.

DVS
> Digital Video Surveillance.

E

E11 of E-911
> Enhanced 9-1-1

EAI
> Enterprise Application Integration.

EDI
> Electronic Data Interchange.

EEOO
> Equal Employment Opportunity Office.

EFTS
> Electronic Fingerprint Transmission Standard.

EIC
> Emergency Interoperability Consortium.

Element
> The fundamental building block of an XML document. XML elements can contain other elements and/or text data. XML elements are composed of a start tag, content, and an end tag.

EMS
> Emergency Management Services.

Enterprise
> A business association consisting of a recognized set of interacting business functions, able to operate as an independent, standalone entity. Enterprise-wide information sharing is meant to refer to the breadth and diversity of informational needs of such an association.

EOC
> Emergency Operations Center.

EOUSA

Executive Office for United States Attorneys.

EOWS

Executive Office for Weed and Seed.

EPA

U.S. Environmental Protection Agency.

ESC

Executive Steering Council.

ESOL

English for Speakers of Other Languages.

ETC

Estimate of Completion.

ETL

Extraction Transformation & loading.

EUROJUST

European Union's Judicial Cooperation Unit.

EUROPOL

European Law Enforcement Organization.

Exchange Mapping

The process of comparing desired exchange content to the exchange specifications in order to ensure semantic comparability prior to information exchange.

Exchange Model

A reference to the National Information Exchange Model (NIEM) as a provider of exchange modeling standards and best practices.

Exchange Package

A description of specific data exchanged between a sender and a receiver. The exchange package is usually coupled with additional documentation, sample XML instances, business rules, etc., to compose an IEPD. (*see also* IEPD)

Exchange Schema

The XML Schema that describes the data to be exchanged.

Exchange Specification

Any details that describe the exchange, including schemas, business rules, etc. This term often describes the contents of an Information Exchange Package.

eXtensible Markup Language

(*also* XML) A structured language for describing information being sent electronically by one entity to another. XML Schema defines the rules and constraints for the characteristics of the data, such as structure, relationships, allowable values, and data types. NIEM does not use document type definition (DTD); it uses only XML Schemas.

Extension Schema

An XML Schema that defines data elements that are to be used in an exchange but do not exist in the NIEM model, which therefore must be extended.

External Standard

A standard with a governing body outside the scope of NIEM, whose products must be used in conjunction with NIEM in exchanges.

F

FACA

Federal Advisory Committee Act.

FACT

Forum on the Advancement of Court Technology. FACT is a consortium of private sector companies and senior court representatives dedicated to strengthening the courts and their providers of technology.

FBI

Federal Bureau of Investigation.

FBI CJIS

FBI Criminal Justice Information Services Division. (*see also* CJIS Division)

FCC

Federal Communications Commission. The Federal Communications Commission (FCC) is an independent United States government agency, directly responsible to Congress. The FCC was established by the Communications Act of 1934 and is charged with regulating interstate and international communications by radio, television, wire, satellite and cable. The FCC's jurisdiction covers the 50 states, the District of Columbia, and U.S. possessions.

FEA

Federal Enterprise Architecture.

FEMA

Federal Emergency Management Agency.

FIFS

Felon Identification for Firearms Sales.

FinCEN

Financial Crimes Enforcement Network.

FIPS

Federal Information Processing Standards.

FJSRC

Federal Justice Statistics Resource Center.

FLEAT

Federal Law Enforcement Analytic Training.

FLETC

Federal Law Enforcement Training Center.

FOIA

Freedom of Information Act.

Framework

A specific implementation of a component architecture.

FTP

File Transfer Protocol.

Functional Standard

A standard describing the functionality and business processes that are required when performing business tasks or functions. Functional standards do not specify the actual data involved in the process.

G

GAAP

Generally Accepted Accounting Practices.

GAC

Global Advisory Committee.

GAN

Grant Adjustment Notification.

GAO

Government Accountability Office.

Gap Analysis

An analysis performed to identify overlaps and gaps between one or more information sets, systems, or exchange methods. This is often one of the first steps taken by two organizations looking to engage in information exchange.

GASB

Governmental Accounting Standards Board.

GBPS

Gigabytes per Second.

GED

General Education Development.

GFIPM

Global Federated Identity & Privilege Management.

GHz

Gigahertz.

GIS

Geographic Information System.

GISWG

Global Infrastructure/Standards Working Group.

GJXDD

Global Justice XML Data Dictionary.

GJXDM

Global Justice XML Data Model.

Global

Global Justice Information Sharing Initiative.

Global Justice XML Data Model

(*also* GJXDM) A data model and dictionary sponsored by the U.S. Department of Justice (DOJ) and governed by the Global Justice Information Sharing Initiative (Global). The GJXDM and its related processes are the basis on which NIEM was built, in partnership with the U.S. Department of Homeland Security (DHS).

Governance

The system and manner of providing authority and control.

GOWG

Global Outreach Working Group.

GPS

Global Positioning System.

GRA

Global Reference Architecture. The GRA is an information exchange solution designed to cut 80 percent of implementation time and costs for state and local justice agencies through reuse of established promising practices in IT architecture and design.

GREAT

Gang Resistance Education and Training.

GSA

General Services Administration.

GTRI

Georgia Tech Research Institute. Georgia Tech Research Institute (GTRI) is the nonprofit applied research arm of the Georgia Institute of Technology. Their goal is to create solutions through innovation, on time and on budget. They assist clients in federal, state, local and international government agencies, industrial firms, academic institutions and private organizations.

GTTAC

GJXDM Training and Technical Assistance Committee.

GUI

Graphical User Interface.

GXSTF

Global XML Structure Task Force.

H

HHS

U.S. Department of Health and Human Services.

HIDTA

High Intensity Drug Trafficking Areas.

HSGP

Homeland Security Grant Program.

HSIN

Homeland Security Information Network.

HSPD

Homeland Security Presidential Directive.

HTCIA

High Technology Crime Investigation Association.

HTML

Hypertext Markup Language.

HTTP

Hyper Text Transfer Protocol.

HTTPS

Hyper Text Transfer Protocol Secure.

I

IA

Indian Affairs, U.S. Department of the Interior. Established in 1824, IA currently provides services (directly or through contracts, grants, or compacts) to approximately 1.9 million American Indians and Alaska Natives.

IACA

International Association of Crime Analysts.

IACP

International Association of Chiefs of Police. The IACP is the world's oldest and largest nonprofit membership organization of police executives, with over 20,000 members in over 89 different countries. The IACP's leadership consists of the operating chief executives of international, federal, state, and local agencies of all sizes.

IAFC

International Association of Fire Chiefs. The mission of the IAFC is to provide leadership to career and volunteer chiefs, chief fire officers and managers of emergency service organizations throughout the international community through vision, information, education, services and representation to enhance their professionalism and capabilities.

IAFIS

The FBI's Integrated Automated Fingerprint Identification System, Federal Bureau of Investigation. IAFIS is a national fingerprint and criminal history system that provides automated fingerprint search capabilities, latent search capability, electronic image storage, and electronic exchange of fingerprints and responses.

IALEP

International Association of Law Enforcement Planners. The IALEP consists of people working in the area of planning and research for criminal justice agencies.

IBIS

Integrated Biometric Identification System

IBR

Incident-based Reporting.

ICAC

Internet Crimes Against Children Task Force Program, U.S. Department of Justice.

ICCA

International Community Corrections Association. The ICCA is a membership organization dedicated to promoting community-based corrections for adults and juveniles to enhance public safety.

ICE

U.S. Immigration and Customs Enforcement.

ICI

Institute of Criminal Investigation.

ICJIS

Integrated Criminal Justice Information System.

ICM

Institute for Court Management.

ICMA

International City/County Management Association. ICMA is the professional and educational organization for chief-appointed managers, administrators, and assistants in cities, towns, counties, and regional entities throughout the world.

IEC

International Electrotechnical Commission.

IEI

Inter-Enterprise Integration.

IEPD

Information Exchange Package Documentation.

IEPD Template

Information Exchange Package Documentation Template.

III

(*also* Triple I) Interstate Identification Index.

III CC

III Compact Council.

IIR

Institute for Intergovernmental Research.

IJIS

Integrated Justice Information Systems

IJIS Institute

The Integrated Justice Information Systems Institute.

ILP

Intelligence-led Policing.

Information

Contextual meaning associated with, or derived from, data.

Information Exchange

The transfer of information from one organization to another, specifically in concert with NIEM IEPD exchange processes and recommended procedures.

Information Exchange Package

(*also* IEP) A description of specific information exchanged between a sender and a receiver. The information exchange package is usually coupled with additional documentation, sample XML instances, business rules, etc., to compose an IEPD. IEP may be referred to simply as Exchange Package. A set of data elements used to support the sharing of data within a particular business context. An actual set of data that is requested or produced from one unit of work to another.

Information Exchange Package Documentation

(*also* IEPD) The aggregation of IEP information to form a complete set of documentation that completely describes an information exchange. This may include additional documentation, business rules, sample instance data, etc. A collection of artifacts that define and describe the structure and content of an IEP.

Information Exchange Package Documentation Template

(*also* IEPD Template) The template created by NIEM to define the required and optional components that may be included in a NIEM-conformant IEPD.

Information Sharing

The broad concept of sharing information between agencies or organizations who do not inherently have access to such information. The need for robust, nationwide information sharing is the guiding principle of the NIEM program.

INS

Immigration & Naturalization Service.

Instance

A specific occurrence of an entity. (*see also* XML Instance)

Interoperability

The ultimate goal of any information sharing exercise, refers to the seamless interconnection between disparate systems for the purposes of sharing information relevant to either party. Interoperability is both a prerequisite and a result of efficient information sharing.

Interpol

The International Criminal Police Organization – INTERPOL.

IP

Internet Protocol.

IPSTSC

IJIS Public Safety Technology Standards Committee.

IRTPA

Intelligence Reform and Terrorism Prevention Act.

ISE

Information Sharing Environment. The ISE provides analysts, operators, and investigators with integrated and synthesized terrorism, weapons of mass destruction, and homeland security information needed to enhance national security and help keep our people safe.

ISO

International Organization for Standardization.

ISS

Identification Services Subcommittee of the CJIS APB.

IT

Information Technology.

ITAC

Information Technical Architecture Committee

ITS

Institute for Telecommunication Sciences.

IWG

Industry Working Group.

J

JABA

Joint Automated Booking Station.

JAG

Edward Byrne Memorial Justice Assistance Grant.

JAIBG

Juvenile Accountability Incentive Block Grant.

JIC

Justice Information Center.

JIEM

Justice Information Exchange Model Project.

JIPA

Justice Information Policy Assistance.

JIS

Justice Information Sharing.

JISP

Justice Information Sharing Professionals.

JJC

Juvenile Justice Clearinghouse.

JMD

Justice Management Division.

JMS

Jail Management System

JPS

Justice and Public Safety

JRA

Justice Reference Architecture.

JRSA

Justice Research and Statistics Association

JSC

Justice Standards Clearinghouse

JTC

Joint Technology Committee. JTC is a joint committee of ISO and IEC. The scope of JTC is information technology standardization.

JTF

Joint Task Force on Rap Sheet Standardization

JTTF

Joint Terrorism Task Forces, U.S. Department of Justice. Joint Terrorism Task Forces (JTTFs) are small cells of highly trained, locally based, passionately committed investigators, analysts, linguists, SWAT experts, and other specialists from dozens of U.S. law enforcement and intelligence agencies. It is a multi-agency effort led by the Justice Department and FBI designed to combine the resources of federal, state, and local law enforcement.

JTRC

Justice Technology Resource Center

JUSTNET

Justice Technology Information Network

JXDD

Global Justice XML Data Dictionary

JXDM

Global Justice XML Data Model

J2EE

Java-2 Platform Enterprise Edition

L

LAN

Local Area Network.

LE

Law Enforcement

LEA

Law Enforcement Agency

LEAA

Law Enforcement Assistance Administration, U.S. Department of Justice (disbanded in early 1980s).

LEIM

Law Enforcement Information Management.

LEIN

Law Enforcement Information Network.

LEIS

Law Enforcement Information Sharing.

LEISP

Law Enforcement Information Sharing Program, U.S. Department of Justice.

LEITSC

Law Enforcement Information Technology Standards Council. LEITSC is a U.S. Department of Justice, Office of Justice Programs funded program whose mission is to foster the growth of strategic planning and implementation of integrated justice systems. LEITSC is comprised of four of the nation's leading law enforcement organizations, specifically: The National Organization of Black Law Enforcement Executives (NOBLE); The National Sheriffs' Association (NSA); Police Executive Research Forum (PERF); and The International Association of Chiefs of Police (IACP). Together, participants from these organizations represent the law enforcement community as a whole on information technology standards related issues.

LEIU

Law Enforcement Intelligence Unit.

LEO

Law Enforcement Online.

LESC

Law Enforcement Support Center, U.S. Department of Homeland Security. The LESC is a national enforcement operations facility administered by Immigration and Customs Enforcement (ICE), and is a single national point of contact that provides timely customs information and immigration status and identity information and real-time assistance to local, state and federal law enforcement agencies on aliens suspected, arrested or convicted of criminal activity.

LEXS

Logical Entity eXchange Specification.

Lifecycle, IEPD

The IEPD development lifecycle contains a set of steps that should be followed circularly until the final conditions are met. This lifecycle in detail can be found in the NIEM Introduction documentation.

Line of Business

(*also* LoB) A business purpose or function that crosses organizational boundaries. This concept was made popular in particular at the Federal Government level as part of the Federal Enterprise Architecture effort to reorganize government resource allocation in a more efficient manner.

LInX

Law Enforcement Information Exchange.

LLEBG

Local Law Enforcement Block Grant.

LOA

Letter of Agreement

LPR

License Plate Reader

LTO

Linear Tape Open.

M

MAGLOCLEN

Middle Atlantic-Great Lakes Organized Crime Law Enforcement Network. One of the six regional centers that make up RISS (see 'RISS').

Machine-Readable Format

Information or data that is in a format that can be easily processed by a computer without human intervention, while ensuring no semantic meaning is lost.

MDM

Master Data Management.

MDM

Mobile Device Management.

MDC/MDT

Mobile Data Computer / Mobile Data Terminal.

Mesh Network

A local area network (LAN) that employs one of two connection arrangements, full mesh topology or partial mesh topology. In the full mesh topology, each node (workstation or other device) is connected directly to each of the others. In the partial mesh topology, some nodes are connected to all the others, but some of the nodes are connected only to those other nodes with which they exchange the most data.

Message

The basic unit of communication between a requester and a provider of information. A message typically encompasses an IEPD and includes additional transport-specific metadata relating to routing, security, etc.

Metadata
1. Structured data about data. Metadata includes data associated with either an information system or an information object for purposes of description, administration, legal requirements, technical functionality, use and usage, and preservation.
2. Information that describes data itself to add meaning or context, such as the creator, expiration dates, sensitivity levels, etc.

MHz

Megahertz.

MNI

Master Name Index.

MOCIC

Mid-States Organized Crime Information Center. One of the six regional centers that make up RISS (see 'RISS').

MOU

Memorandum of Understanding.

MPEG

Moving Picture Experts Group.

MPLS

Multi-Protocol Label Switching

MS

Message Switch

N

NACJD

National Archive of Criminal Justice Data.

NACM

National Association for Court Management.

NACo

National Association of Counties. NACo maintains a comprehensive database of information on counties, including a listing of county officials, and links to Capitolimpact.com, which provides nationwide county statistics such as economic and demographic data. In addition, NACo offers a database of county policies, codes, ordinances, and model programs that can be used as examples for other counties.

NADCP

National Association of Drug Court Professionals.

NAJIS

National Association for Justice Information Systems.

NARA

U.S. National Archives and Records Administration.

Namespace

The solution to naming conflicts in XML. Using XML namespaces can help allieviate issues that arise where XML elements and attributes use identical names. A namespace typically aligns with a domain that has responsibility over maintaining the components within that namespace.

Naming and Design Rules

(*also* NDR) The NDR specifies rules and requirements of schemas developed under the NIEM program and guarantees conformance to those that follow them. The NDR is intended to ensure interoperability even when different developers are building IEPDs independently.

The NDR specifies an information sharing framework. These rules and principles are intended to establish and, more importantly, enforce a degree of standardization at the national level.

NAMSDL

National Alliance for Model State Drug Laws is a resource for governors, state legislators, attorneys general, drug and alcohol professionals, community leaders, the recovering community, and others striving for comprehensive and effective state drug and alcohol laws, policies, and programs.

NASCIO

National Association of State Chief Information Officers. NASCIO has produced a report about integrated justice information systems architecture and data sharing that sets forth a national agenda for achieving integrated justice information systems. The report very usefully defines the requirements and suggests the kind of architecture that is going to be required. The report can be downloaded from www.nascio.org. Recently, NASCIO also producedseveral deliverables as part of their Enterprise Architecture Program.

NASCSA

National Association of Controlled Substance Authorities.

NASJE

National Association of State Judicial Educators.

NASTD

National Association of State Technology Directors. NASTD is a member-driven organization whose purpose is to advance and promote the effective use of information technology and services to improve the operation of state government.

National Information Exchange Model

See NIEM.

NAWJ

National Association of Women Judges.

NBAC

NIEM Business Architecture Committee.

NCACC

National Conference of Appellate Court Clerks.

NCHIP

National Criminal History Improvement Program, U.S. Department of Justice.

NCIC

National Crime Information Center.

NCISP

National Criminal Intelligence Sharing Plan. The NCISP was developed by Global' s Intelligence Working Group, was completed in 2003 and contains 28 recommendations and action items that provide a blueprint to help agencies establish criminal intelligence sharing policies, procedures, standards, technologies, and training. The NCISP has served as the foundation for numerous nationwide initiatives, including the development of guidelines for fusion centers, the Nationwide Suspicious Activity Reporting (SAR) Initiative, the development of minimum criminal intelligence training standards, and the development of law enforcement analytic standards.

NCJA

National Criminal Justice Association. NCJA represents state, tribal and local governments on crime prevention and crime control issues. Its members represent all facets of the criminal and juvenile justice community, from law enforcement, corrections, prosecution, defense, courts, victim-witness services and educational institutions to federal, state and local elected officials.

NCJFCJ

National Council of Juvenile and Family Court Judges. The NCJFCJ is one of the largest and oldest judicial membership organizations in the nation that serves professionals in the juvenile and family justice system including judges, referees, commissioners, court masters and administrators, social and mental health workers, police, and probation officers by providing the resources, knowledge and training to improve the lives of families and children seeking justice.

NCJJ

National Center for Juvenile Justice.

NCJRS

National Criminal Justice Reference Service.

NCMEC

National Center for Missing and Exploited Children.

NCOC

National Information Exchange Model (NIEM) Communications & Outreach Committee.

NCOMS

National Consortium for Offender Management Systems.

NCPA

National Child Protection Act of 1993.

NCPC

National Crime Prevention Council. NCPC's mission is to enable people to create safer and more caring communities by addressing the causes of crime and violence and reducing the opportunities for crime to occur.

NCPJ

National College of Probate Judges.

NCRLE

National Center for Rural Law Enforcement.

NCS

National Communications System. Part of the Department of Homeland Security's Office of Cyber Security and Communications. Provides priority telecommunications services that ensure ongoing communications under all circumstances, including national emergencies, terrorist attacks, or other crisis events. Formed in 1963 under President John F. Kennedy in response to communications deficiencies realized during the Cuban Missile Crisis.

NCSC

National Center for State Courts. The mission of NCSC is to improve the administration of justice through leadership and service to state courts, and courts around the world. Through original research, consulting services, publications, and national educational programs, NCSC offers solutions that enhance court operations with the latest technology; collects and interprets the latest data on court operations nationwide; and provides information on proven "best practices" for improving court operations.

NCSL

National Conference of State Legislatures. NCSL helps state policymakers advance their ideas, provides a forum for the exchange of ideas from other states and takes the best ideas from America's state legislatures to Capitol Hill.

NDAA

National District Attorneys Association. NDAA's mission is "to be the voice of America's prosecutors and to support their efforts to protect the rights and safety of the people."

N-DEx

FBI's Law Enforcement National Data Exchange initiative.

NDIC

National Drug Intelligence Center.

NDR

Naming and Design Rules.

NECCC

National Electronic Commerce Coordinating Council. NECCC was formed in 1998 in an effort to build on the success of the Conference on Electronic Commerce held in 1997. The group's initial goal was to facilitate cooperation between states and the private sector as the industry moved toward electronic commerce.

NEMA

National Emergency Management Association. NEMA is the professional association of and for state emergency management directors.

NENA

National Emergency Number Association

NESPIN

New England State Police Information Network. One of the six regional centers that make up RISS (see 'RISS').

NFF

National Fingerprint File.

NFIRS

National Fire Incident Reporting System.

NFPA

National Fire Protection Association. NFPA develops, publishes, and disseminates more than 300 consensus codes and standards intended to minimize the possibility and effects of fire and other risks.

NGA

The National Geospatial-Intelligence Agency is the nation's primary source of geospatial intelligence, or GEOINT. As a Department of Defense combat support agency and a member of the U.S. Intelligence Community, NGA creates GEOINT using remotely sensed data, physical geography, land cover and cultural data collected by a myriad of sources to help its mission partners visualize and understand the world.

NGA

National Governors' Association . NGA provides governors and their senior staff members with services that range from representing states on Capitol Hill and before the Administration on key federal is sues to developing policy reports on innovative state programs and hosting networking seminars for state government executive branch officials.

NGC

National Gang Center. The NGC analyzes findings from nearly 15 years of data collected by the annual National Youth Gang Survey of 2,500 U.S. law enforcement agencies.

NGI

Next Generation IdentificationIAFIS (FBI).

NIBRS

National Incident-Based Reporting System.

NIC

National Institute of Corrections.

NICS

National Instant Criminal Background Check System.

NIDA

National Institute on Drug Abuse.

NIEM

National Information Exchange Model.

NIEM Configuration and Control Tool

(*also* NCCT) The primary tool used for inserting and tracking technical and business issues with the NIEM data model and to help the Program Management Office in prioritizing input from the stakeholder community.

NIEM Domain

A business domain that is assigned a NIEM namespace, has responsibility to act as an authoritative source and steward for domain-specific data, and is able to propose promotions of data to Universal or Common namespaces.

NIEM ESC

NIEM Executive Steering Council.

NIEM PMO

NIEM Program Management Office.

NIEM.gov

The public Web site meant to serve as the primary entry point for all information and resources related to the NIEM program.

NIJ

National Institute of Justice, U.S. Department of Justice.

NIJC

National Indian Justice Center.

NIMH

National Institute of Mental Health.

NIMS

National Incident Management System.

NISS

National Information Sharing Standards.

NISSC

National Information Sharing Standards Clearinghouse.

NIST

National Institute for Standards and Technology.

NLC

National League of Cities. NLC is the oldest and largest national organization representing municipal governments throughout the United States. Its mission is to strengthen and promote cities as centers of opportunity, leadership, and governance.

NLECTC

National Law Enforcement and Corrections Technology Center.

Nlets

National Law Enforcement Telecommunications System, now renamed "Nlets, The International Justice & Public Safety Information Sharing Network."
Nlets is a 501(c)(3) not-for-profit organization and is owned and governed by the states. Nlets provides two basic capabilities to its users. First, it is an international, computer-based message switching system that links together state, local and federal law enforcement and justice agencies for the purpose of information exchange. Second, it provides information services support for a growing number of justice related applications.

NOBLE

National Organization of Black Law Enforcement Executives. The mission of NOBLE is to ensure equity in the administration of justice in the provision of public service to all communities, and to serve as the conscience of law enforcement by being committed to justice by action.

NOVA

National Organization for Victim Assistance. NOVA provides victim and witness assistance programs for practitioners, criminal justice agencies, professionals, former victims and survivors.

Normalization

A process that eliminates redundancy, organizes data efficiently, and reduces the potential for anomalies during data operations and improves data consistency.

NPEP

National Priority Exchange Panel

NPSTC

National Public Safety Telecommunications Council.

NRC

National Response Center

NRP

National Response Plan.

NSA

National Sheriffs' Association. NSA is a nonprofit organization dedicated to raising the level of professionalism among sheriffs, their deputies, and others in the field of criminal justice and public safety so that they may perform their jobs in the best possible manner, in service to the people of their communities.

NSI

Nationwide Suspicious Activity Reporting (SAR) Initiative.

NSOPR

National Sex Offender Public Registry. This BJA program provides one-stop access to all states' sex offender registry information.

NSOR

National Sex Offender Registry.

NSOR-AP

National Sex Offender Registry Assistance Program.

NTAC

National Information Exchange Model (NIEM) Technical Architecture Committee.

NTFCI

National Task Force on Court Integration. Report of the NTFCI includes case studies, information flow, strategies. Appendix F presents the results of an in-depth survey of state by state approaches to court and IJIS.

NTIA

National Telecommunications and Information Administration.

NW3C

National White Collar Crime Center.

O

OASIS

Organization for the Advancement of Structured Information Standards.

OCA

Office of Court Administration.

ODNI

Office of the Director of National Intelligence.

ODP

Office for Domestic Preparedness, U.S. Department of Homeland Security.

OEC

Office of Emergency Communications, U.S. Department of Homeland Security.

OIC

Office of Interoperability and Compatibility, U.S. Department of Homeland Security.

OJJDP

Office of Juvenile Justice and Delinquency Prevention, U.S. Department of Justice.

OJP

Office of Justice Programs, U.S. Department of Justice. The OJP oversees BJA, BJS, OJJDP, etc.

OJP IT

OJP Information Technology Initiatives Web site.

OLA

Operational Level Agreement.

OLAP

On-Line Analytical Processing.

OMB

Office of Management and Budget.

ONDCP

Office of National Drug Control Policy.

ONVIF

Open Network Video Interface Forum.

OOAG

Office of the Assistant Attorney General, U.S. Department of Justice.

OOP

Object-Oriented Programming.

OPM

Office of Personnel Management.

ORI

Originating Routing Indicator

OVC

Office for Victims of Crime, U.S. Department of Justice.

OVW

Office on Violence Against Women, U.S. Department of Justice.

P

PAC

Program Advisory Committee (SEARCH), including Law and Policy PAC, Research and Statistics PAC, and Systems and Technology PAC.

PAVNET

Partnerships Against Violence Network.

PCII

Protected Critical Infrastructure Information Program, U.S. Department of Homeland Security.

PDF

Portable Document Format.

PERF

Police Executive Research Forum. PERF is a national membership organization of progressive police executives from the largest city, county, and state law enforcement agencies. PERF is dedicated to improving policing and advancing professionalism through research and involvement in public policy debate. Incorporated in 1977, PERF's primary sources of operating revenues are government grants and contracts, and partnerships with private foundations and other organizations.

Pilot Project

A project established to evaluate new technology, or to develop and implement exchange standards for information that is common among NIEM participating agencies and exchanged as part of their current or intended business practices.

PIN

Personal Identification Number.

PKI

Public Key Infrastructure.

PM

Program Manager.

PM-ISE

Program Manager Information Sharing Environment.

PMIX

PMP information exchange, typically referring to the interstate exchange of data regarding monitored, dispensed prescriptions.

PMO

Program Management Office.

PMP

(1) Prescription Monitoring Program;(2) Project Management Professional (www.pmi.org);(3) Project Management Plan

POST

Peace Officer Standards and Training (e.g., California Commission on POST).

Practitioner

Practitioners act as the "users" of information exchange standards, which are implemented in real systems. They can act as data providers and consumers in an information exchange, and often act as participants with subject-matter expertise to help define the business needs of information exchanges as they are developed.

PSAP

Public Safety Answering Point. An agency in the United States, typically county or city controlled, responsible for answering 9-1-1 calls for emergency assistance from police, fire, and ambulance services.

PSI

Pre-Sentence Investigation.

PSIA

Physical Security Interoperability Alliance.

PTI

Public Technology Inc.

Q

Quality Assurance

A process by which the quality of design and performance of a system or data is tested and verified prior to implementation. *Also* QA.

QOS

Quality of Service

R

R-DEx

> FBI Regional Data Exchange.

Reconciliation

> The process of bringing two different data sets or processes together to be synchronized in order to promote interoperability between them.

Reference IEPD

> An IEPD that has been endorsed by an authoritative source as a shining example or base exchange template that should be reused as-is or modified to perform a similar business function.

Registry

> Authoritative, centrally controlled store of information that facilitates discovery and reuse. A NIEM registry of IEPDs would act as a store or pointer to all known IEPDs in existence or currently under development to allow implementers to take advantage of parallel efforts.

Repository

> An information system used to store and access information, schemas, stylesheets, controlled vocabularies, dictionaries, and other work products.

RFI

> Radio Frequency Interference

RFI / RFP

> Request for Information / Request for Proposal

RFID

> Radio Frequency Identification.

RISS

> Regional Information Sharing Systems. The Regional Information Sharing Systems® (RISS) Program—A Proven Resource for Law Enforcement™—is a nationwide information sharing and investigative support program that serves thousands of local, state, federal, and tribal law enforcement and public safety agencies in all 50 states, the District of Columbia, U.S. territories, Australia, Canada, England, and New Zealand. Officers, analysts, and other criminal justice partners rely on RISS for its proven and secure information sharing capabilities, as well as its professional, innovative, and critical investigative support services. RISS serves as a force multiplier, effectively and efficiently aiding agencies in tackling crime problems in their areas. RISS consists of six regional centers as well as a technology support center. The six RISS Centers are:

RMIN

Rocky Mountain Information Network. One of the six regional centers that make up RISS (see 'RISS').

RMS

Records Management System.

ROCIC

Regional Organized Crime Information Center. One of the six regional centers that make up RISS (see 'RISS').

ROI

Return on Investment.

Role

A technique specifically adopted to enhance the desired contextual meaning of components in a data exchange. By allowing a data component to take a context-specific role, the data model becomes infinitely flexible to model a variety of exchange needs. For example, a person could take on the role of a law enforcement official, a witness, or a plaintiff. By utilizing a Role methodology, the object-oriented nature of the model can be preserved while allowing explicit customization that does not depend on object inheritance.

S

SAA

State Administering Agencies. Many OJP formula grants are awarded directly to state governments, which then set priorities and allocate funds within that state.

SaaS

Software as a Service

SAC

Statistical Analysis Center.

SAFECOMM

A communications program within the Office for Interoperability and Compatibility (OIC) that provides research, development, testing and evaluation, guidance, tools, and templates on communications-related issues to local, tribal, state, and Federal emergency response agencies working to improve emergency response through more effective and efficient interoperable wireless communications.

SAML

Security Assertion Markup Language.

SAR

Suspicious Activity Reporting

SARS

Suspicious Activity Reporting System

SAVIN

Statewide Automated Victim Information and Notification.

SBU

Sensitive But Unclassified.

Scalability

A term that describes how well a system can be adapted and expanded to meet increased demands, and is a key motivating factor to a program such as NIEM, with national implications.

Scenario-Based Planning

The process of planning and identifying data exchanges by analyzing a business process and describing information exchanges using use case scenarios to justify the need for those exchanges.

Schema

See XML Schema.

Schema Subset Generation Tool

(*also* SSGT) The preferred tool used to generate schema subsets from the NIEM data model without needing to edit the model schema itself. Subsets are saved and shared via the Wantlist mechanism.

SCIA

Security Clearance Information Act.

SCIPs

Statewide Communications Interoperability Plans

SDE

Standard Data Element

SDF

Solution Development Framework.

SEARCH

The National Consortium for Justice Information and Statistics. SEARCH is a non-profit organization formed in 1969 to assist law enforcement and other criminal justice agencies in the areas of technology, procedures, technical assistance and research. SEARCH has published numerous useful documents on information sharing.

Semantic Consistency

A driving force behind the need for data standards, consistency of terminology, and data definitions is essential for information exchanges to be effective, understood by all parties involved, and machine-readable.

Semantic Web

The Semantic Web provides a common framework that allows data to be shared and reused across application, enterprise, and community boundaries. It is a collaborative effort led by W3C with participation from a large number of researchers and industrial partners. *(Definition courtesy of W3C)*

SFTP

Simple File Transfer Protocol

SGML

Standard Generalized Markup Language

SID

State Identification Number.

SIP

Session Initiation Protocol. An application-layer control (signaling) protocol for creating, modifying, and terminating sessions with one or more participants.

Situational Awareness

The ability to identify, process, and comprehend the critical elements of information about what is happening to the team with regards to the mission. More simply, it's knowing what is going on around you.

SLATT

State and Local Anti-Terrorism Training.

SME

Subject-matter Expert.

SMI

Seriously Mentally Ill

SMTP

Simple Mail Transfer Protocol

SOA

Service-oriented Architecture.

SOAP

Simple Object Access Protocol.

SOP

Standard Operating Procedure

SOW

Statement of Work

Sponsor

An organizational entity that supports a specific IEPD or set of data components for inclusion into NIEM.

SQL

Structured Query Language (SEQUEL)

SSGT

Schema Subset Generation Tool.

SRFERS

State, Regional, Federal Enterprise Retrieval System.

Stakeholder

A person or organization that has a vested interest in a project or entity and the direction that entity takes.

Standard Operating Procedures (SOPs)

Policy, practices, and procedures for Command and Control.

Subset Schema

A subset of the primary NIEM schema; a schema whose components are taken entirely from the parent schema while excluding those components that are unnecessary for a given exchange.

SWOT

Strengths, Weaknesses, Opportunities and Threats.

T

TA

Technology Assistance

TAC

Terminal Agency Coordinator

TCP

Transmission Control Protocol

TCP/IP
> Transmission Control Protocol/Internet Protocol

TE
> Training Engagement.

TSA
> Transportation Security Administration.

TTA
> Technical Training Assistance.

TWPDES
> Terrorist Watchlist Person Data Exchange Standard.

Type
> A description of a class of objects that share the same operations, abstract attributes and relationships, and semantics.

Type Extension
> The extension of a type to include additional concepts or components that are necessary for an exchange or to specialize a concept in the data model.

Type Hierarchy
> The high-level (abstract) to low-level (specific) arrangement of derived types within a data model.

U

UASI
> Urban Area Security Initiative, U.S. Department of Homeland Security.

UCR
> Uniform Crime Reporting.

UML
> Unified Modeling Language.

UNICOR
> Federal Prison Industries, Inc.

Universal
> A NIEM concept referring to the common semantic understanding of data components across all business domains. Universal also refers to the namespace where these components are found within the NIEM data model, and is the most restrictive namespace within the NIEM Core.

Universal Component

A data component that meets criteria to be promoted to the Universal namespace.

A component that meets technical standards, complies with NIEM requirements, is defined in universally acceptable terms across all participating domains, and is reusable.

URI / URN

Uniform Resource Identifier / Uniform Resource Name. Identifiers meant to explicitly and uniquely identify a namespace or schema location, usually based on a naming convention according to the sponsoring organization.

URL

Universal Resource Locator (Web address).

USC

United States Code.

Use Case

A business process example of an information flow, most commonly used as a basis for exchange modeling around the business needs of an organization. (*see also* Scenario-Based Planning)

V

Validation

The documented process of showing that a system is stable and capable of producing predetermined outcomes. Validation answers the question of whether or not the system does what the user really requires.

VCA

Volunteers for Children Act.

VIJ

Vera Institute of Justice. VIJ works closely with leaders in government and civil society to improve the services people rely on for safety and justice. VIJ develops innovative, affordable programs that often grow into self-sustaining organizations, studies social problems and current responses, and provides practical advice and assistance to government officials in New York and around the world.

VMS

Video Management Software.

VNS

Victim Notification System.

VPN

Virtual Private Network.

VQIPS

Video Quality in Public Safety.

W

W3C

World Wide Web Consortium.

WAN

Wide Area Network.

Wantlist

A portable construct used in the SSGT to save and reuse schema subsets of the overall NIEM data model. A wantlist can be saved or loaded directly from the SSGT tool.

WBS

Work Breakdown Structure.

Web Service

A software system designed to support interoperable machine to machine interaction over a network.

WIN

Western Identification Network.

WJIN.NET

World Justice Information Network.

WSDL

Web Service Description Language.

X

XACML

Extensible Access Control Markup Language.

XML

eXtensible Markup Language. A structured, extensible language for describing information being sent electronically by one entity to another. XML Schema is the

preferred standard to define the rules and constraints for the characteristics of the data, such as structure, relationships, allowable values, and data types.

XML Instance

An instance of XML which contains actual data whose format and inclusion is controlled by the associated XML schema.

XML Schema

Defines the vocabulary (elements and attributes), the content model (structure, element nesting, and text content), and data types (value constraints) of a class of XML documents.

NOTE: When written with a capital "S," the term refers specifically to the XML Schema Definition (XSD or WXS) language developed by the W3C. However, when written with a lowercase "s," the meaning is more generic, referring to any of several schema languages for use with XML, such as DTDs, RELAX NG, Schematron, etc. In both cases, an XML schema is used to validate XML instances, to verify that the instances conform to the model that the schema describes.

XSTF

Global Justice XML Structure Task Force.

Y

Y2K

The Year 2000.