The Minnesota Model

www.crimnet.state.mn.us

CriMNet

Gary Ritari

Director of Technology

CriMNet Development Team

State of Minnesota

"Business Case" for Integration

- **Accountability**
  - Make offenders accountable for behavior
  - Make CJ System accountable for its performance
- **Cost of Public Safety at all levels**
  - All Operations are information dependant, yet we operate with very little information
- **Tragic Implications for Public Safety**

Kerry Dean Stevenson

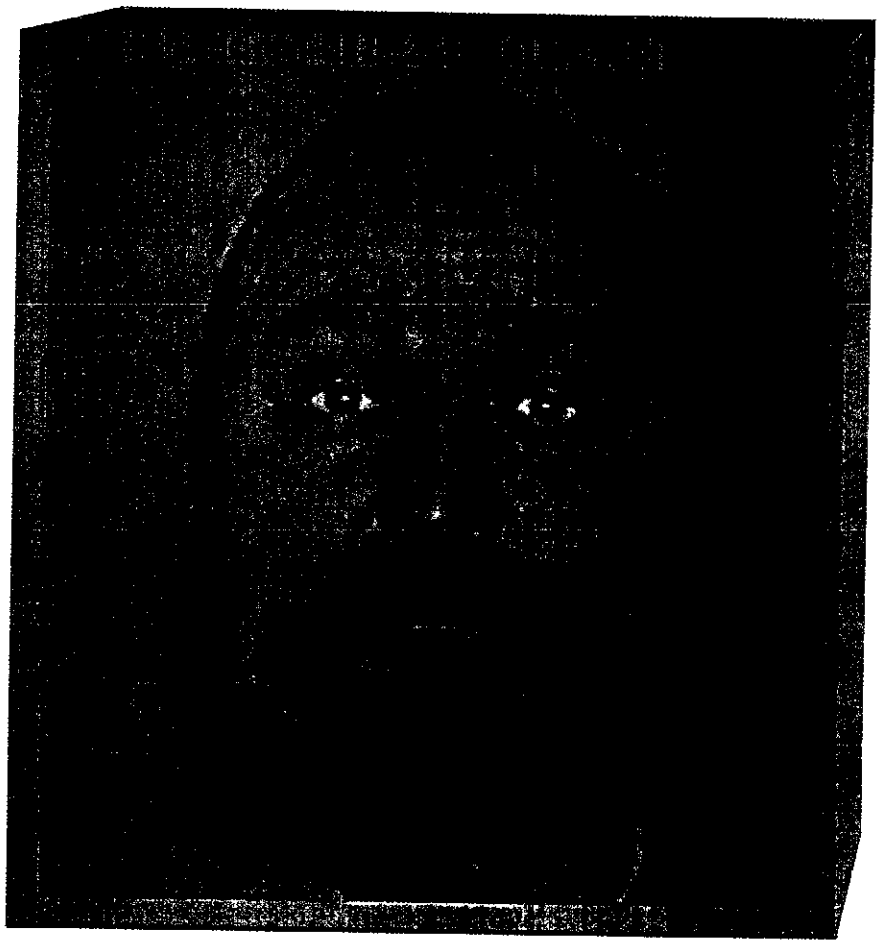
Date of Birth: 04/29/58

AKA

Kerry Dean Geller
Keith Allen Brummer
Bob Stevenson
Robert Mark Geller
James Heidelberg
Richard Lee Olson
Bob Geller
Robert James Stevenson
Eric Allen Johnson

Alias Dates of Birth:

03/29/55, 05/11/58, 01/24/61, 05/05/55, 04/29/55, 03/27/48, 04/24/54



CriMNet

Statewide:

30% to 90% of all convictions fail to be matched to Criminal History Records

Year	Convictions	County
1984	DWI	Hennepin
1986	Indecent Conduct	Hennepin
1988	Indecent Exposure	Hennepin
1989	Indecent Exposure	Hennepin
1991	Gross Misdemeanor DWI	Hennepin
1997	Criminal Sex Conduct, 4th degree	Hennepin

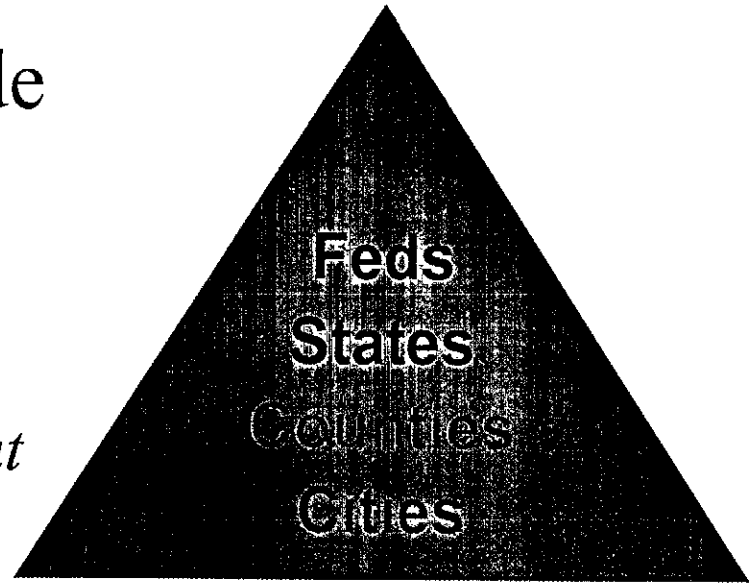
Year	Convictions	County
1983	Indecent Conduct	Hennepin
1985	Indecent Conduct	Anoka
1986	Indecent Conduct	Ramsey
1986	DWI	Hennepin
1987	Indecent conduct	Anoka
1987	Indecent conduct	Anoka
1989	Gross Misdemeanor DWI	Pine
1992	Indecent Conduct	Anoka
1993	Indecent Conduct	Ramsey
1993	Indecent Conduct	Ramsey
1993	Indecent Exposure	Hennepin
1993	Escape from Custody	Hennepin
1994	Theft by Check	Ramsey
1997	Criminal Sex Conduct, 5th degree	Ramsey
1998	Criminal Sex Conduct, 5th degree	Hennepin
2000	Criminal Sex Conduct, 5th degree	Anoka

Money For Nothing

- **$ 2 Billion/year Statewide Expenditures:**
  - **Public Safety Operations**
  - **Administration of Justice**
- **Business Value is Critically Dependant on Information**

Attributes of CriMNet

- Enterprise-wide

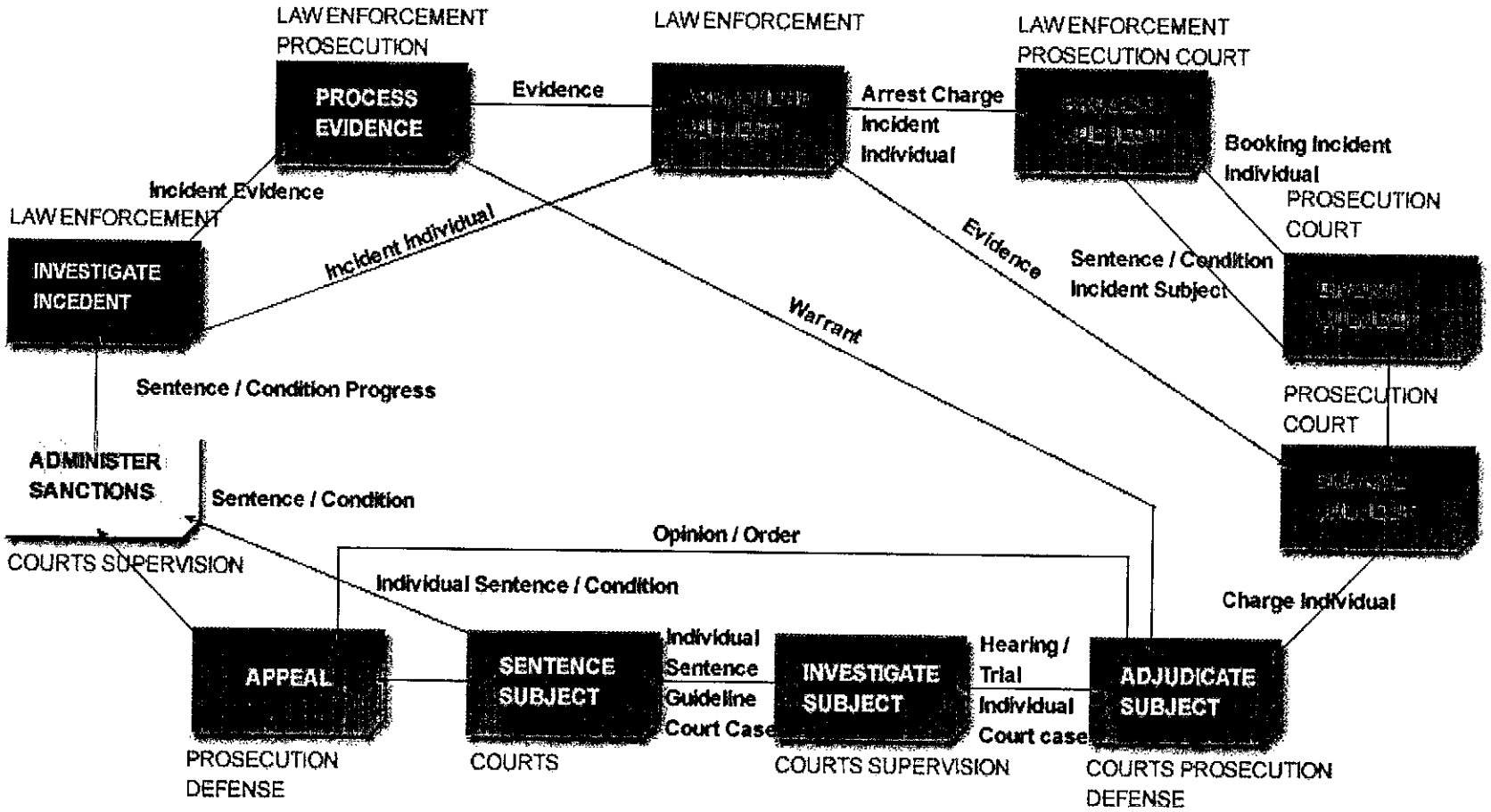


- All Agencies
  - *–Law Enforcement*
  - *–Detention*
  - *–Prosecution and Defense*
  - *–Courts*
  - *–Probation/Jails/Prisons*

CriMNet

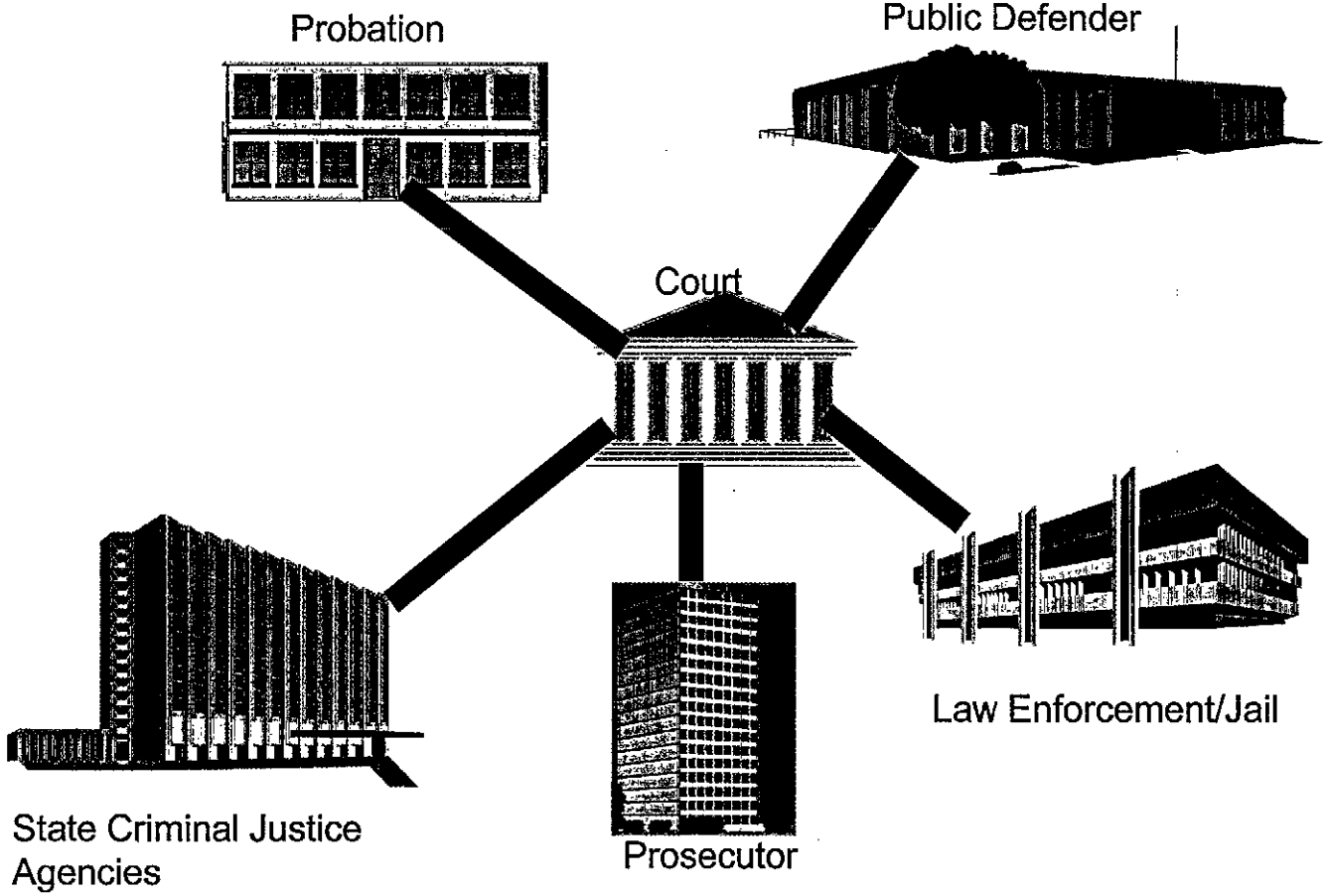
Getting the Right Criminal Justice Information
in the Hands of the Right People, in the Right
Place, at the Right Time.

AGENCY INTEGRATION



CriMNet

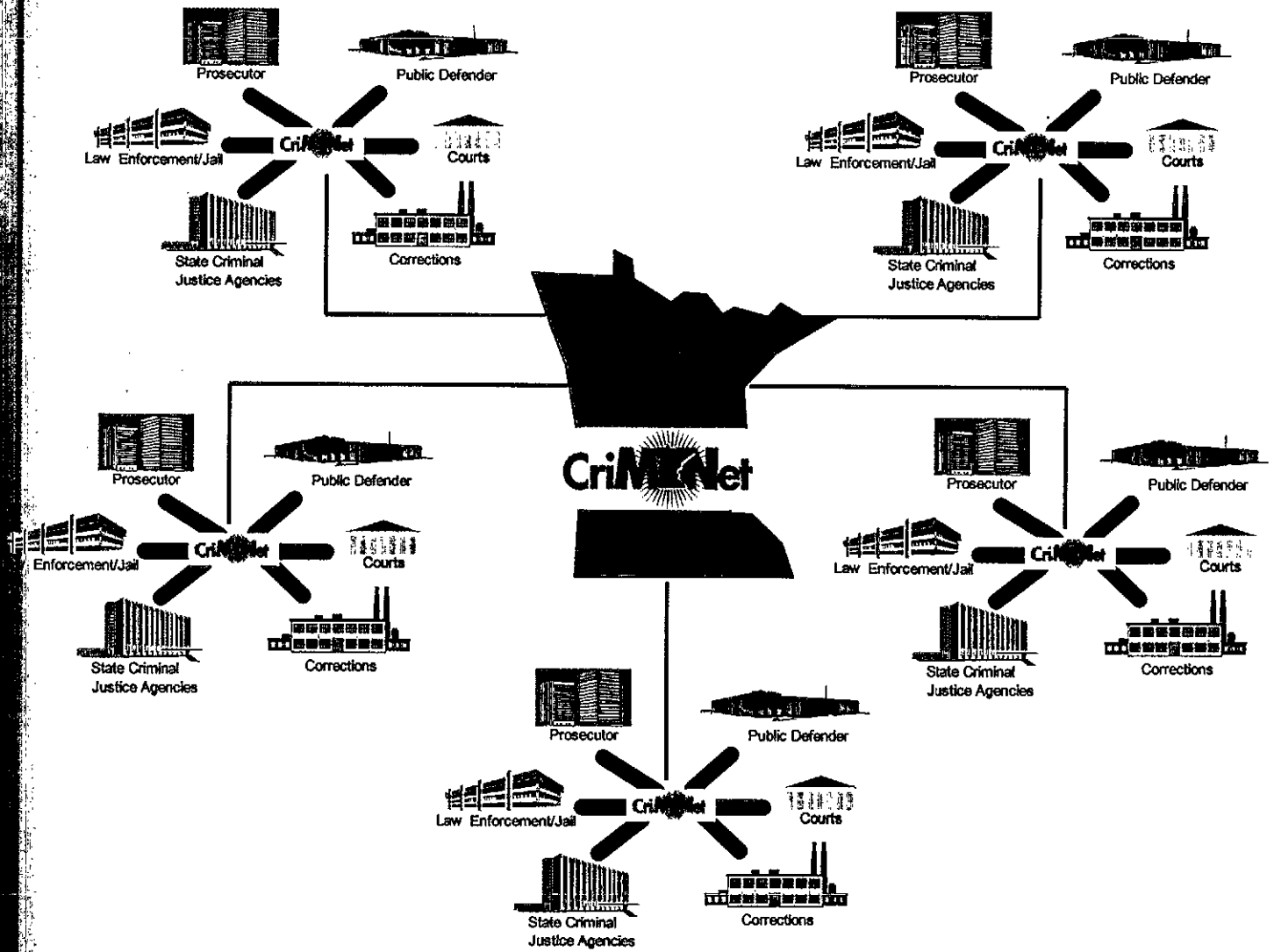
A Local Model of Justice Information



Putting the Right Information in the Hands of the Right People, at the Right Time, in the Right Place

CriMNet

Statewide Integration



Putting the Right Information in the Hands of the Right People, at the Right Time, in the Right Place

Business Objectives

- Identification
- Current Individual Status
- Criminal History
- Criminal Justice Effectiveness

CriMNet

Putting the Right Criminal Justice Information in the Hands of the Right People, in the Right Place, at the Right Time.

SEARCH JEM EXCHANGE MODEL

Event	Agency	Condition	Document	Receiving Agency	Next Event
Process: Investigation					
Arrest	Law Enforcement	Individual has been identified AND has committed a crime AND is under supervision	Arrest / Incident Report	Probation / Supervising Agency	Update Fi le(s) AND Schedule Court Appearance (Revocation Hearing)
Arrest	Law Enforcement	Individual has been identified AND has committed a crime AND is under supervision	Incident Integration Information / Property and Inventory Report	BCA	Update File(s)
Arrest	Law Enforcement	Individual has been identified AND has committed a crime AND is under supervision	Incident Integration Information / Property and Inventory Report	Prosecuting Attorney	Prosecution Charging Decision
Arrest	Law Enforcement	If subject is arrest ted on a warrant AND subject is not able / allowed to post bail.	Notice of Execution of Warrant	Court	Update Warrant File
Arrest	Law Enforcement	If subject is arrested on a warrant AND subject is not able / allowed to post bail.	Arrest Warrant	Booking Fac ility	Booking

Example

Data Model

Defines commonly shared data:

- Derived from analysis of business processes
- Exchange of data between agencies

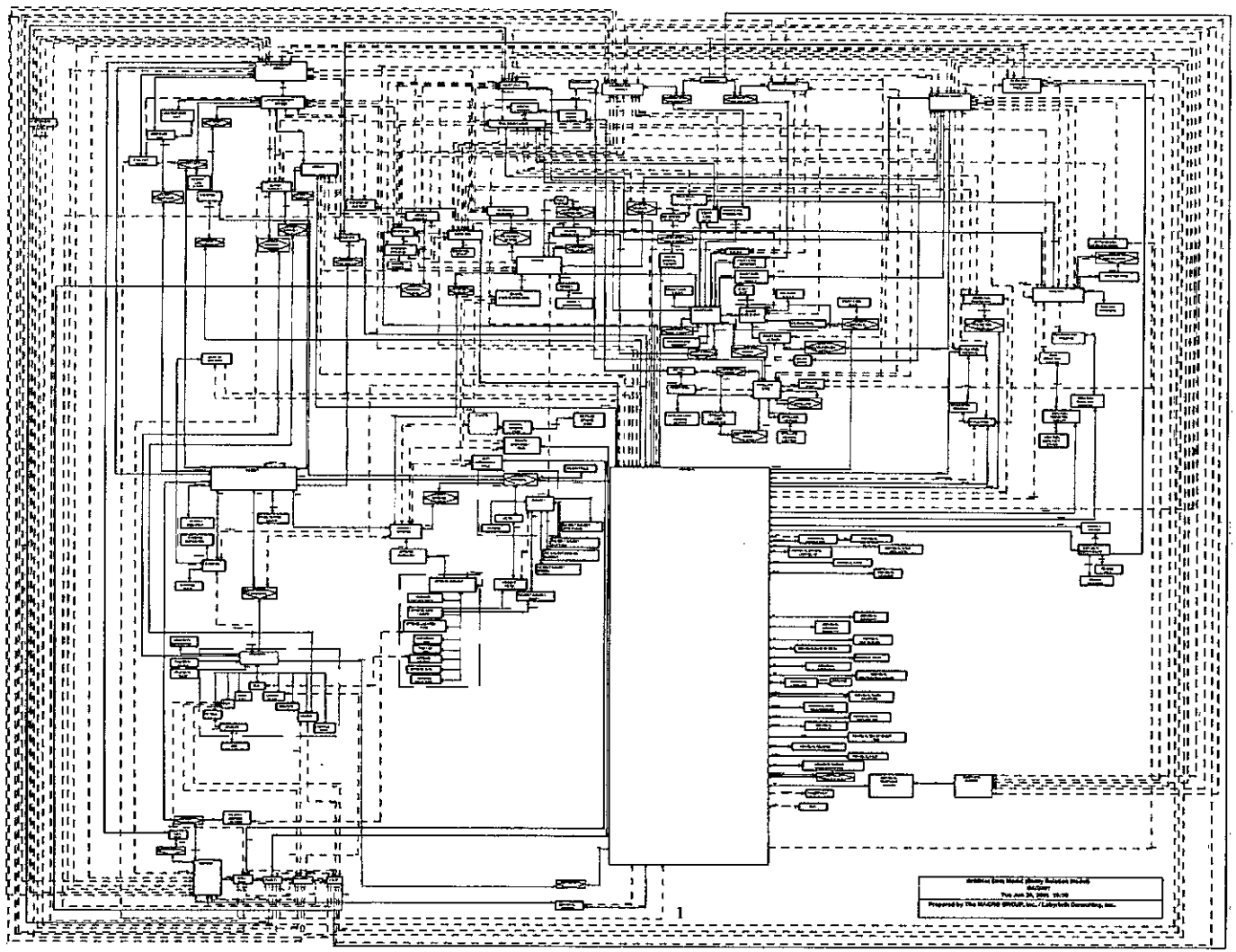
CriMNet

Putting the Right Criminal Justice Information in the Hands of the Right People, in the Right Places at the Right Time.

DATA MODEL

Defining community shared data

- Derived from analysis of business processes
- Exchange of data between agencies



CriMNet

CriMNet Integration Backbone

Middleware and Web Services (J2EE)

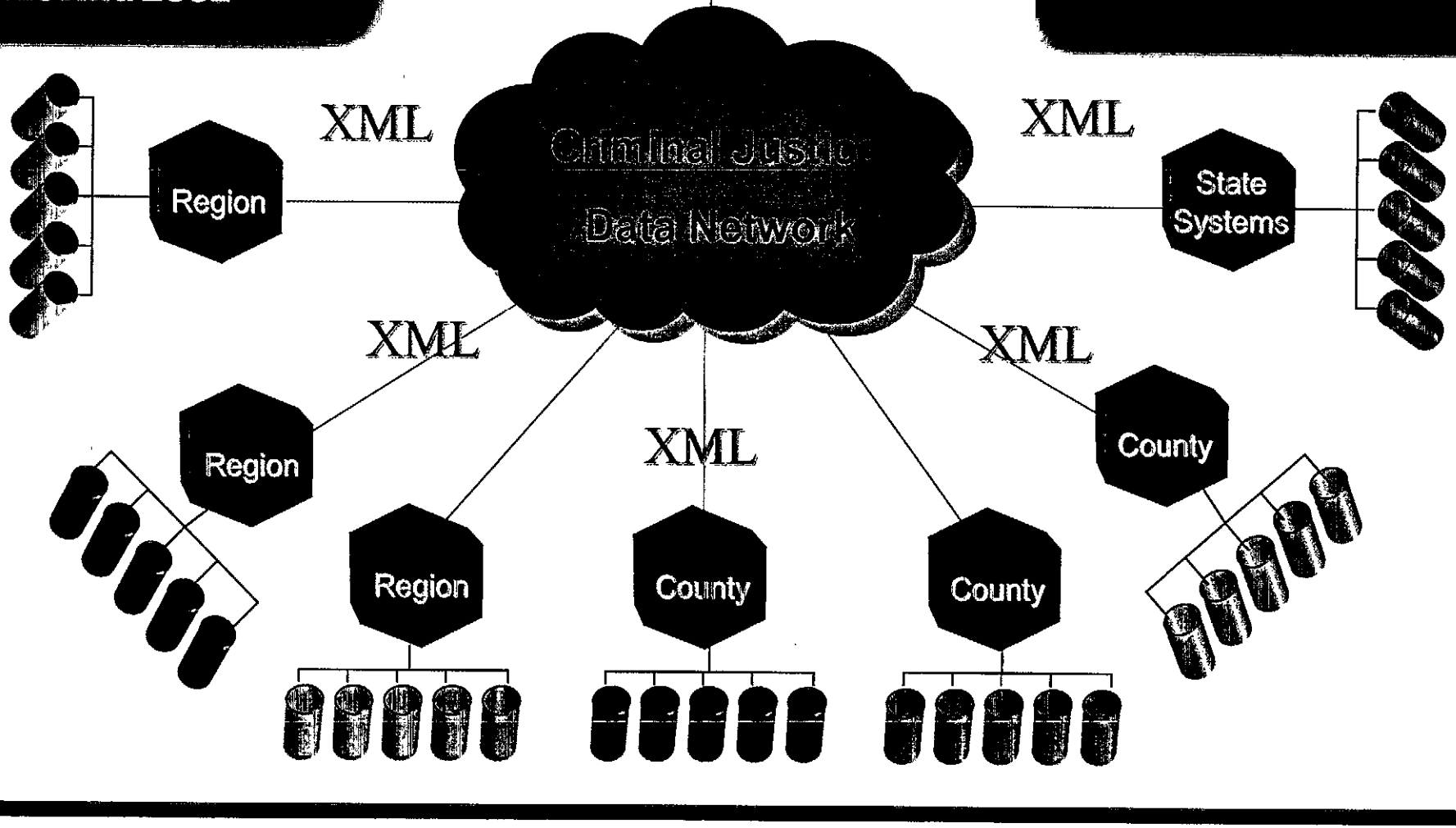
- Individual
- Incident
- Case

Index

- Rules
- XML
- Registry

IMPLEMENTATION TESTING 2002

- Initial Rollout in 2003
- Rigorous Testing
- Inter-State Communication

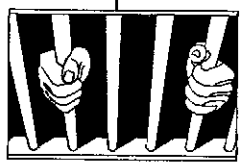


CriMNet

Minnesota Department of Corrections

BCA Bureau of Criminal Apprehension

CriMNet



LE Server

CAPRS LOGIS GEAC

Putting the Right Information in the Hands of the Right People, at the Right Time, in the Right Place

CriMNet

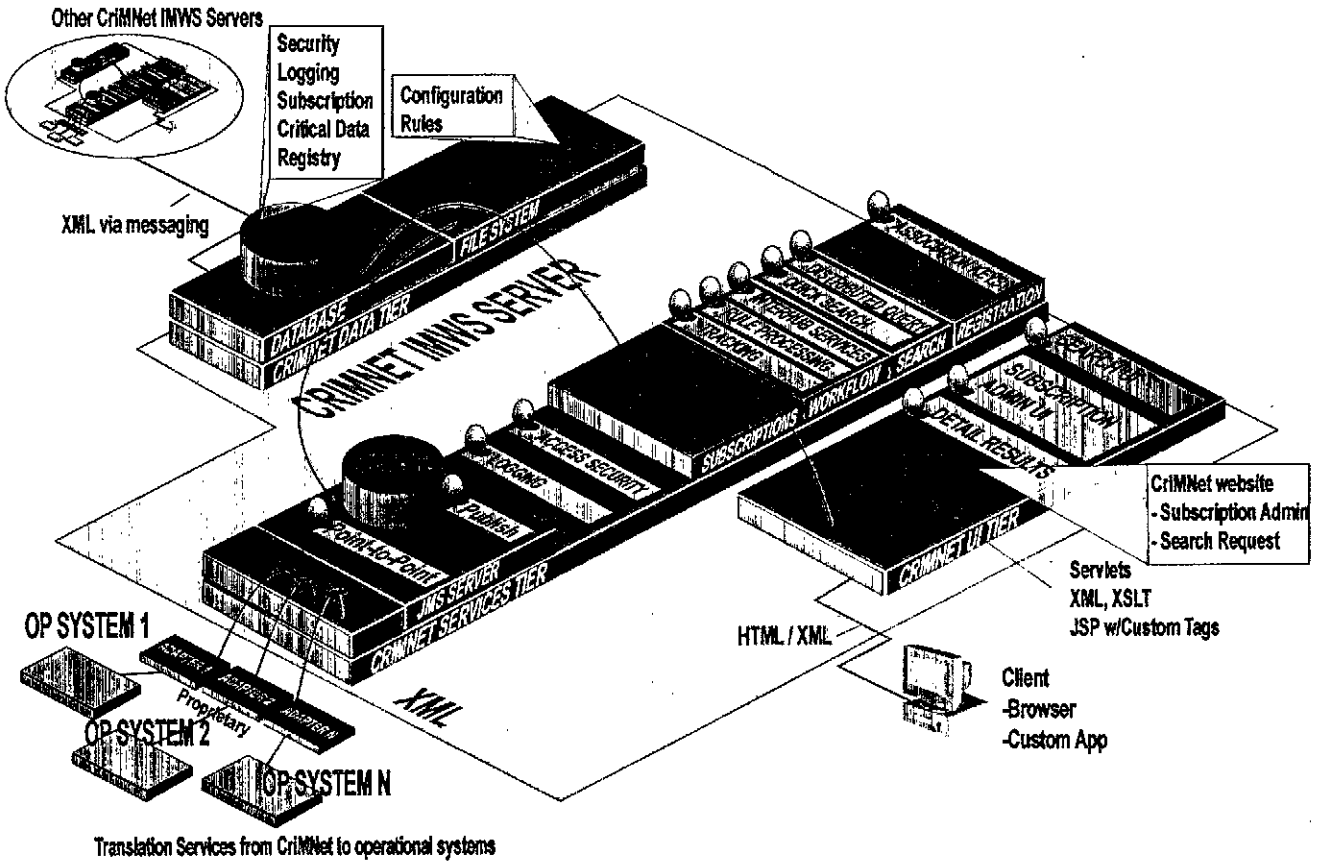
Putting the Right Criminal Justice Information in the Hands of the Right People, in the Right Place, at the Right Time.

E-Commerce Architecture

- J2EE
- XML

OA Design Maximizes

- Inter-Operability
- Flexibility
- Scalability

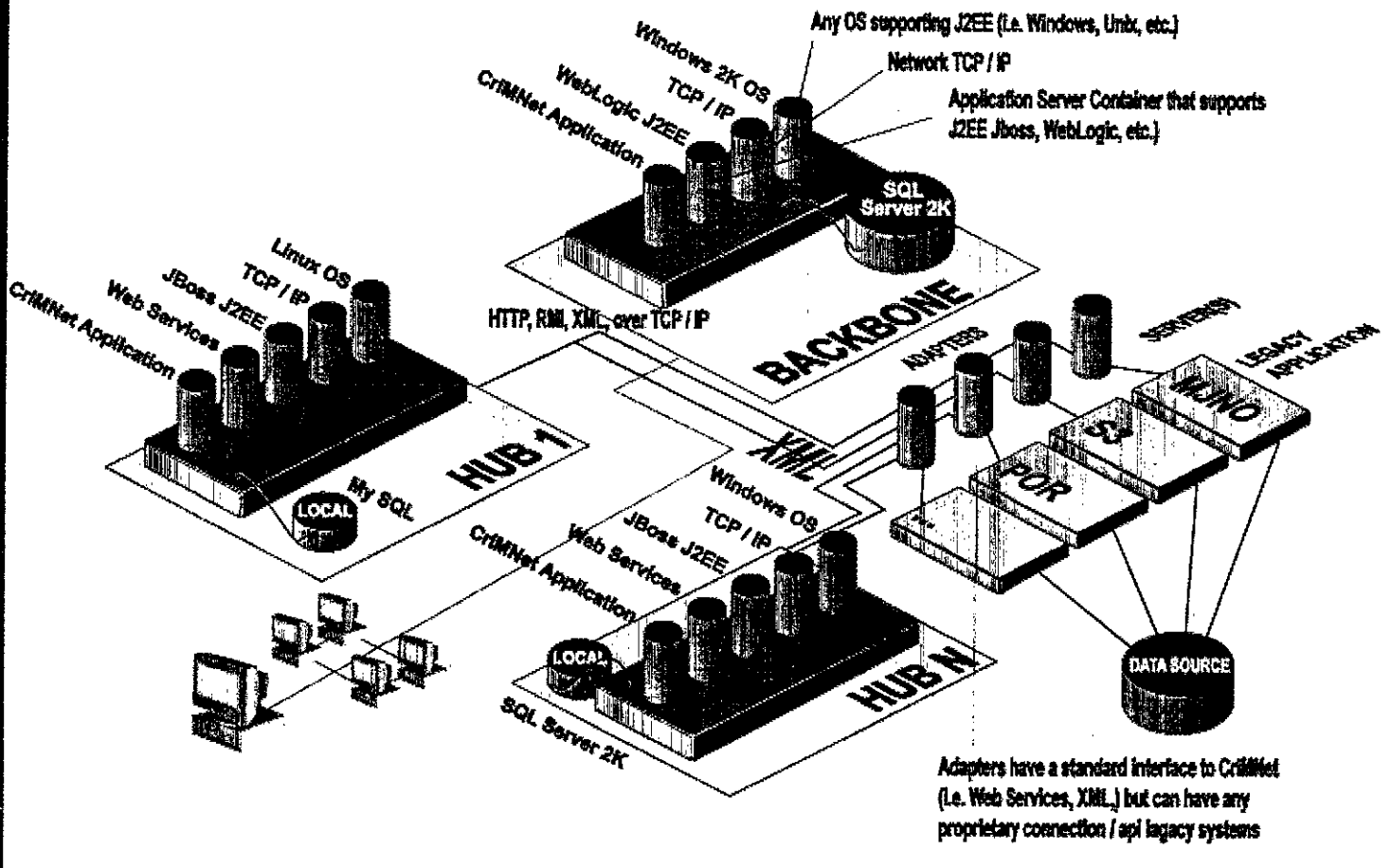


CriMNet

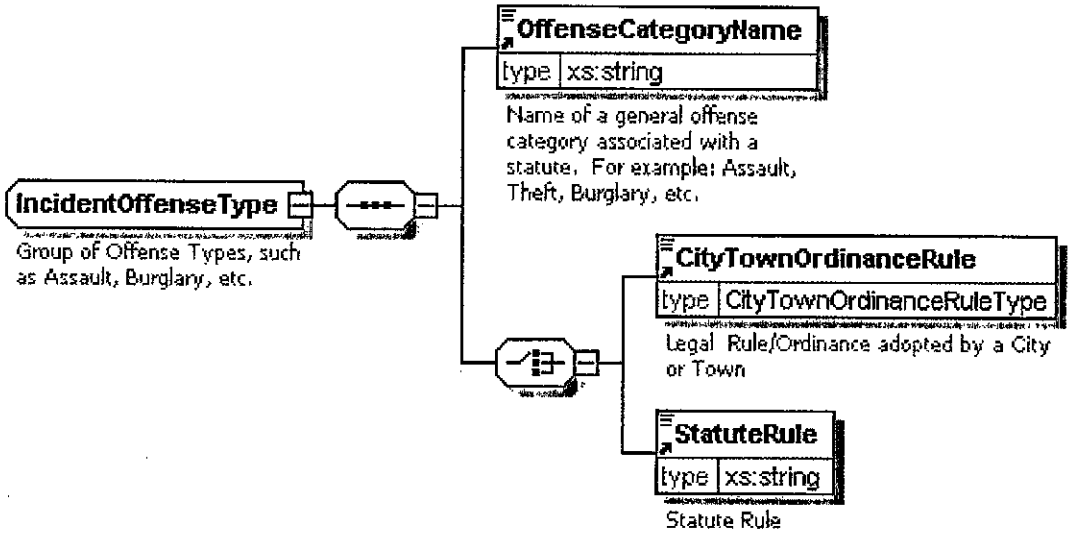
Putting the Right Criminal Justice Information in the Hands of the Right People, in the Right Place, at the Right Time.

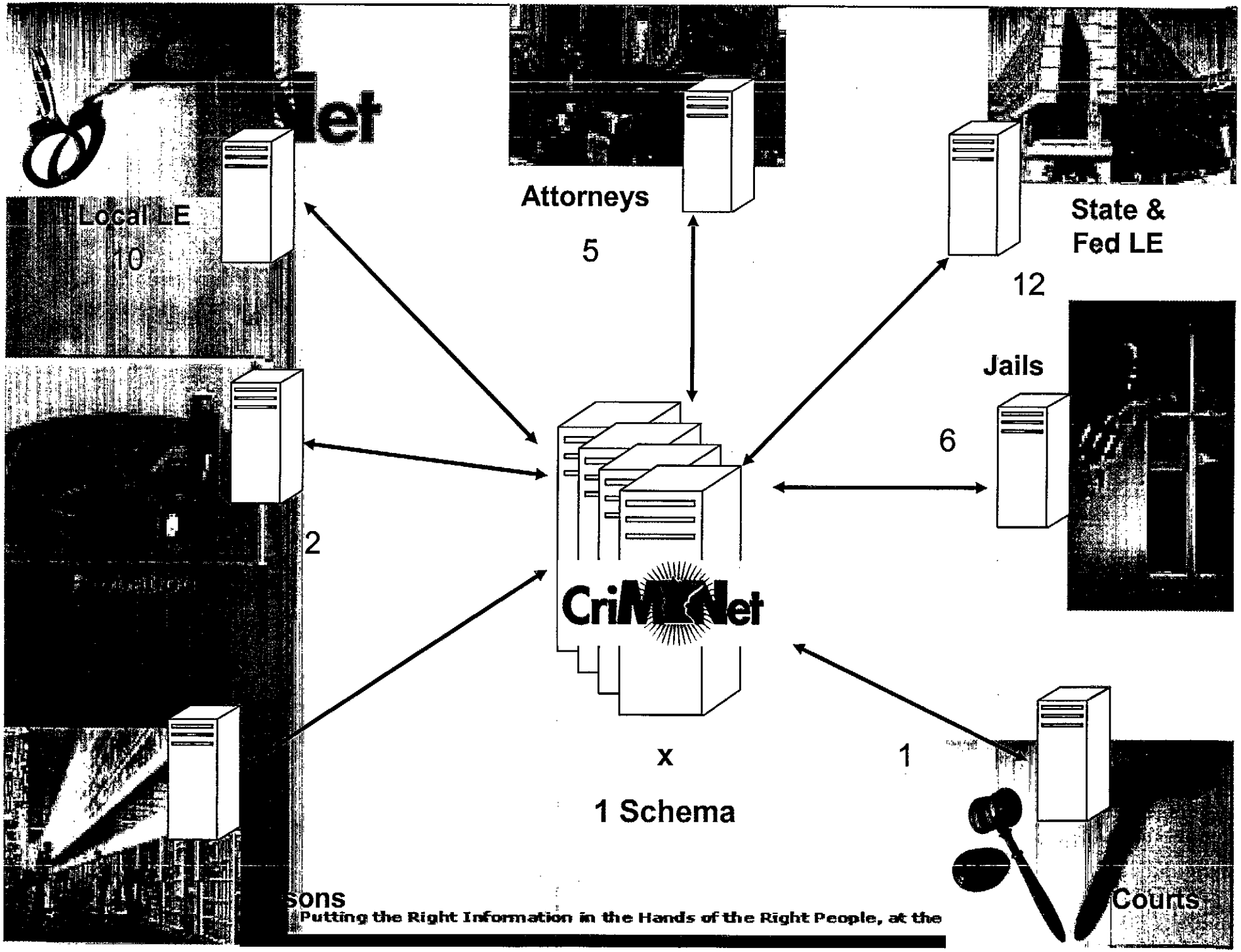
E-Commerce Architecture

- MJNO
- POR
- S3
- MRAP
- CWS



XML Object Model



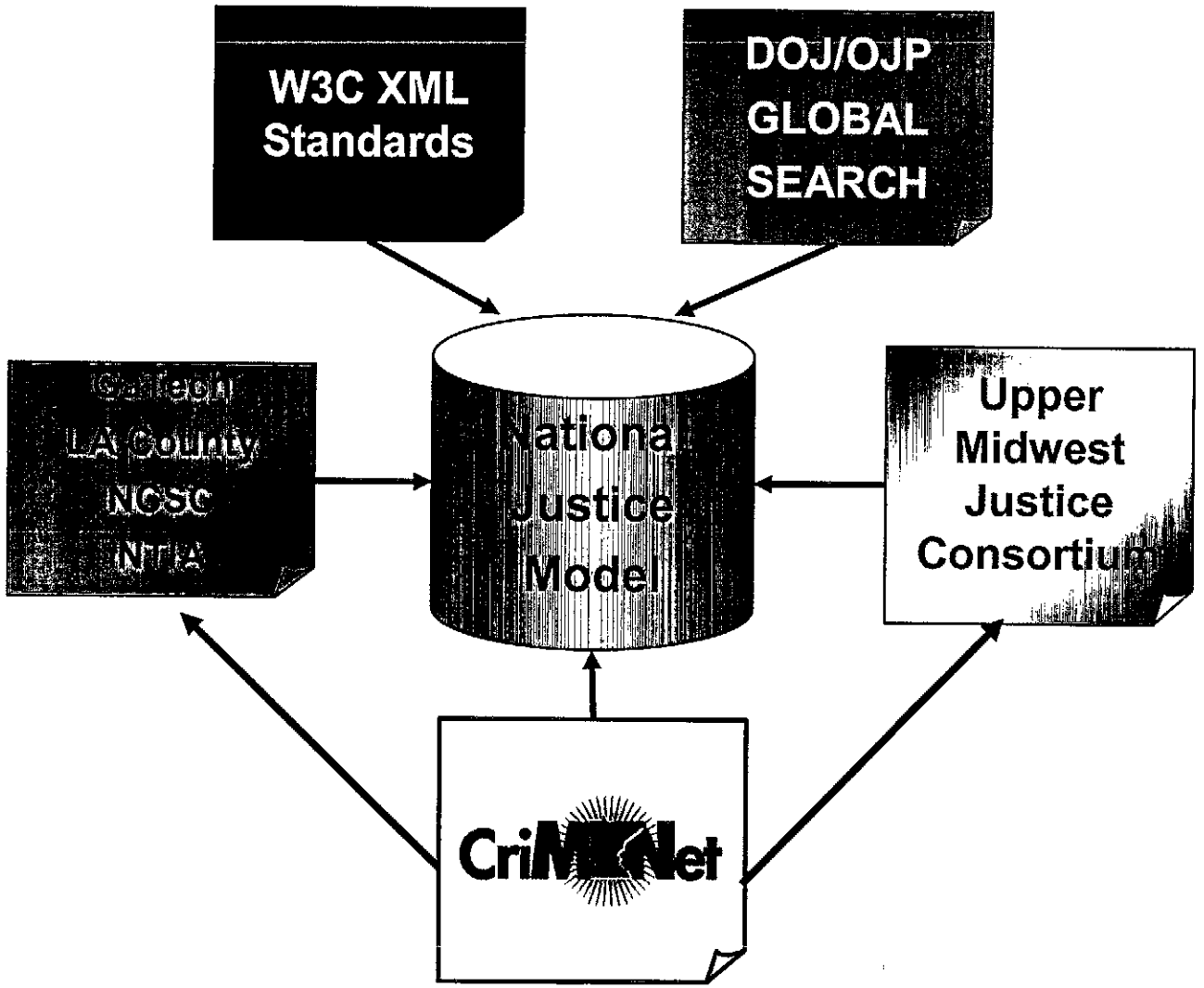

Attorneys
5
State &
Fed LE
12
Local LE
10
Jails
6
2
x
1 Schema
1
Courts
sons
Putting the Right Information in the Hands of the Right People, at the

CriMNet

...ing the Right Criminal Justice Information ... Hands of the Right People, in the Right ... at the Right Time.

REGIONAL INTERGRATION

National Integration



Putting the Right Information in the Hands of the Right People, at the Right Time, in the Right Place

Integrating Criminal Justice Information

Putting the Right Information in the Hands of the Right People, at the Right Time, in the Right Place