



MOTOROLA
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Integration Framework

A Motorola Solution for Integrated Justice



What is Integration Framework?

Integration Framework enables the integration of applications and data across the extended enterprise, thus maximizing an agency's ability to protect its constituents and help improve operational efficiencies. Elements of the Integration Framework include:

Business Process and Information Modeling

Assists in defining and automating an agency's business and data process flow including links to external agencies and data repositories. Business process modeling also allows for the option of automatic notification to the proper agencies based on appropriate business rules.

Regional Data Repository (RDR)

Provides one location for data storage enabling quick and efficient access to comprehensive justice enterprise data. The RDR leverages the capability to efficiently capture data once and use it multiple times. It also provides a central source for data used in reporting, bulk data loads and extracts, and for administrative tools.

Middleware Services

Includes functions such as Security, Identification, Terminology, and Address Resolution services.

- Security Service

Includes the capability to register and authenticate systems, restrict access to sensitive data by user role and content, and facilitate the transfer of data to authorized enterprise participants.

- Identification Service (IDS)

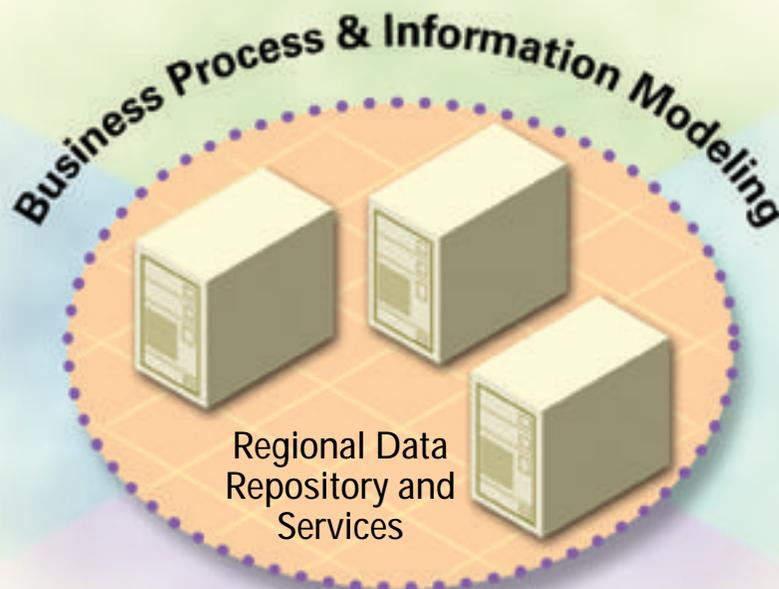
A collection of persons, weapons or other objects, which are filtered using pre-defined criteria and become unique within the enterprise.

- Terminology Service

Provides for translation of data elements in separate systems to a common representation within the regional data repository. This normalization process is then reversed from the RDR to an agency's system when an inquiry is made.

- Address Resolution

Utilizes a geographic data repository to assist in the normalization of address data.





Integrated Justice The Challenge

Public safety and justice agencies have increasingly recognized the importance of integrating their information systems in order to share critical data, documents, and images at key decision points in the justice process. The need to electronically exchange accurate and complete information in a timely, secure and efficient manner is driven by the operational requirements of individual agencies at the local, state, provincial and federal levels. Additionally, a significant number of state and federal legislative mandates have been enacted in recent years requiring the coordination of information between agencies.

In response to these important issues, Motorola introduces the Integration Framework platform. Integration Framework fully supports the automated exchange of information that agencies find to be of common interest. Additionally, the system enables agencies to establish the criteria for the automated exchange of data at critical decision points. The criteria can be based on established business practices and rules and exist within and between justice agencies.

The Integration Framework is built on a foundation of best in class Commercial Off The Shelf (COTS) software technologies that have been implemented successfully in other public service sectors. These technologies are based on open commercial software standards such as XML, Rosetta Net and Java that have begun to emerge in the criminal justice, public safety and e-government marketplaces. When combined with Motorola's technical and domain specific professional services, the Integration Framework provides a powerful solution that can help reduce, or eliminate, the technical barriers that have traditionally inhibited integration and information sharing. By embracing the product approach using open standards, your integration projects can be completed in a more timely fashion, be compatible to a larger variety of legacy applications, and will reduce the risks associated with enterprise-wide integration.

How Can Integration Framework Impact My Work?

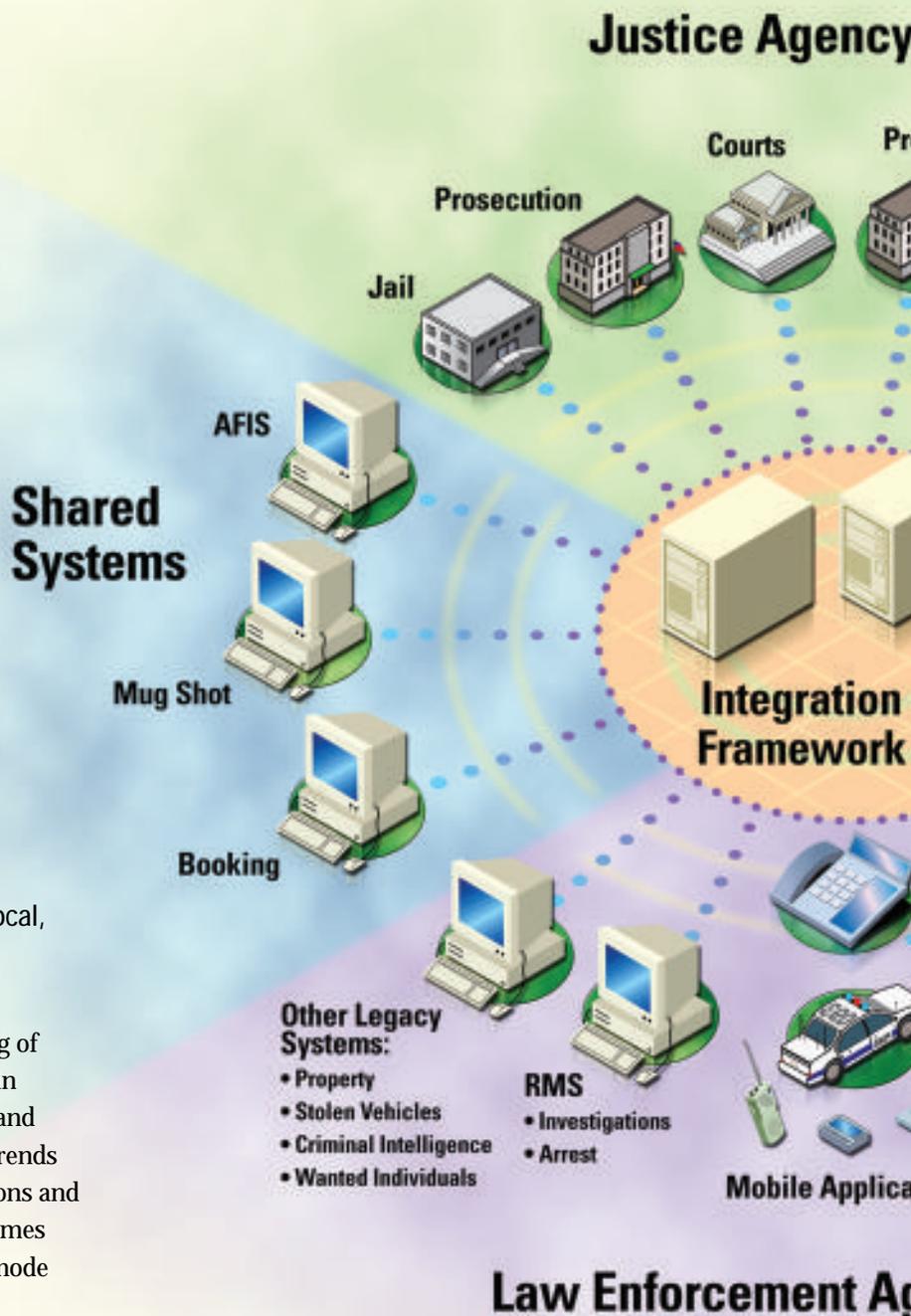


Integrating Law Enforcement Agencies at the Local, State/Provincial, and Federal Level

Integrating law enforcement agencies at the local, state/provincial and federal level enables the sharing of information between like agencies. This can result in regional access to multi-jurisdictional investigative and arrest information, the capability to identify crime trends across jurisdictions, and can aid in identifying persons and objects that are common to many agencies. Many times these activities require countless hours of manual-mode communication by fax and phone.

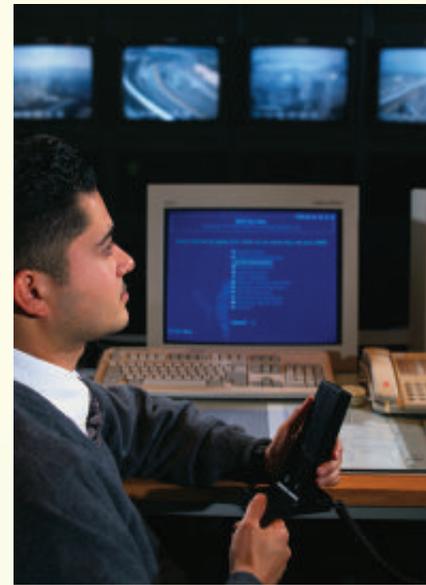
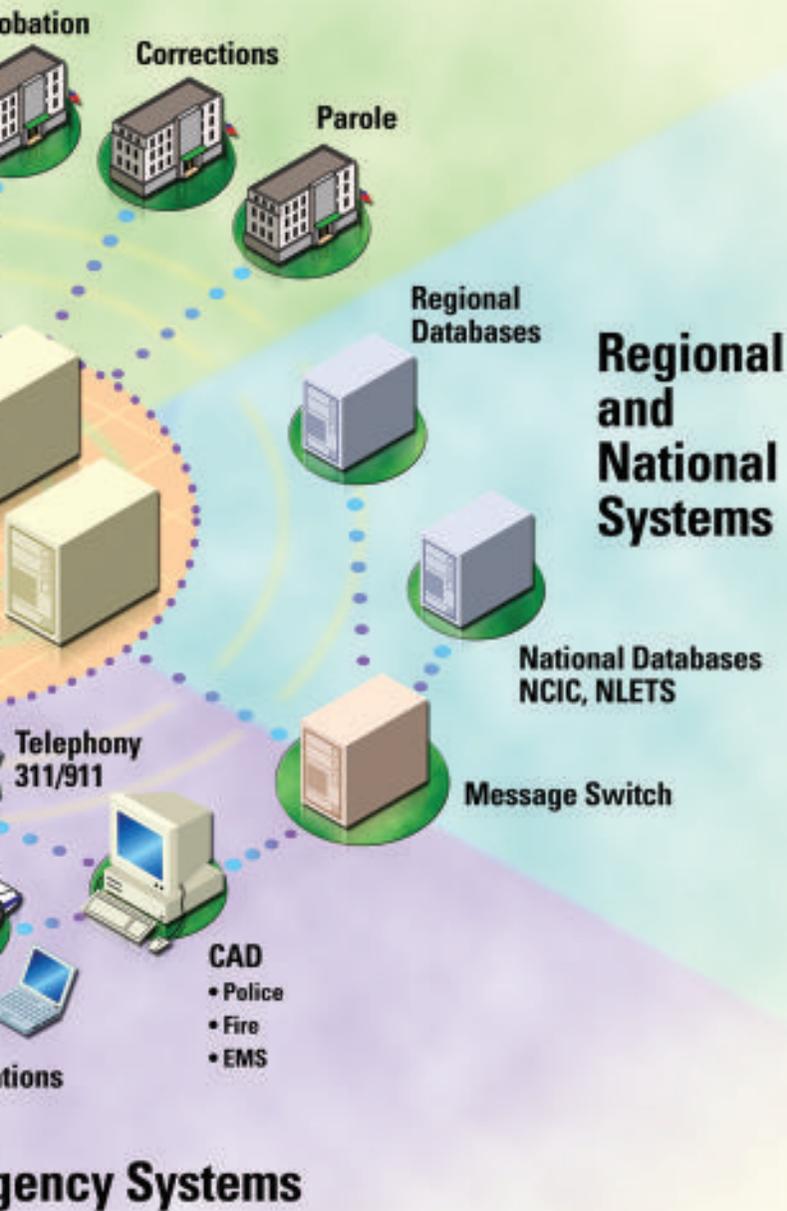
It's not uncommon for crimes to be committed by the same individuals across jurisdictions. Method of operation similarities and evidence obtained at the scene are in many instances key to solving these crimes. All too often, law enforcement agencies in separate jurisdictions unknowingly investigate and report on these events without knowing the complete story. Integration Framework uses the concept that "if every cop knew what every cop knew" the justice process would require less time, effort and money, and heavy caseloads could be reduced thereby helping increase public safety.

Integration Framework enables critical information at various points in the justice process to be shared quickly, securely, and automatically. Access to an aggregated



database can help to quickly identify the cross-jurisdictional similarities of crimes, including participants, weapons and methods of operation. The system helps insure secure access to compiled information by agency, user role and content, as well as by sender and receiver. Reusing previously entered data helps improve accuracy, provides the capability to automate business process rules, and speeds information to those who need it in a timely manner. As a result, Integration Framework can help increase public safety and significantly reduce time, money and effort spent in solving crimes.

Systems



Integration Framework can facilitate the sharing of normalized information, the generation of automatic notifications, and the elimination of redundant data entry. Imagine how much time and money would be saved if justice professionals throughout the process automatically had access to accurate and timely information at critical decision points when processing an individual. Integration Framework can help achieve that goal throughout the justice process. This can result in automating the availability of call-for-service information for use in an officer's investigative and arrest reports. It can also enable law enforcement personnel to electronically submit cases to a prosecutor for review, and then enable the prosecutor to electronically file the case with the court. The same system can also facilitate the passing of data from the court to the sheriff to assist in the defendant's remand as well as help notify the jail when an inmate is scheduled to appear.

Integrating the Criminal Justice Process Across Law Enforcement, Prosecutors, Courts, and Corrections Agencies

Integrating the criminal justice process supports information flow between law enforcement, prosecutors, courts and corrections agencies. Using Motorola's Integration Framework enables critical information required to make decisions regarding investigations, charges, releases, sentencing, and incarceration to be shared automatically, at the right time, to the right people. Current methods can be time consuming, unreliable, error prone, and untimely.

Integration Framework's automatic notification process can be configured to alert parole or probation authorities when a client is arrested or provide active warrants notification to the sheriff prior to an inmate's release. Additionally, any of these process-related transactions could be configured to also query local, state, provincial or federal databases.

This means cases move efficiently through the system without re-entry of data. Your entire justice enterprise will work seamlessly as one, even though it is composed of many different systems provided by different vendors at different times.



Benefits of Integration Framework

This system is designed around a proven COTS product to help provide a high degree of reliability, scalability, functionality and compatibility with multi-tier sites. Motorola's Integration Framework helps justice enterprises achieve the following:

- Improved decision-making
 - Timely, reliable, and consistent data available at key decision points in the justice process.
- Increased operational efficiency
 - Elimination of error-prone redundant data entry.
 - Capability to share information across agencies and jurisdictions.
 - Supports the capability to access a single record, by multiple users simultaneously from remote locations on a 24x7 basis.
- Central representation of common services
- Scalable infrastructure for future IT investments



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