



Solution Series: State and Local Government

JUSTICE AND PUBLIC SAFETY

Protecting communities through real-time information sharing

Your problem: Each practitioner within the criminal justice system requires a particular real-time view of information, specific to his or her responsibilities—in real time. Information that's inaccurate, incomplete or simply not accessible can have devastating results—warrants denied, cases dropped, dangerous individuals wrongly released. Every agency has its own technology systems which contribute information to the criminal justice process—and most of these systems can't talk to each other without help. Reconfiguring all of these systems is not an option.

Software AG solution: Share real-time information across agencies and departments of every size. Easy-to-use tools that incorporate justice-industry standards mean you can share data from almost anywhere—without coding or custom development. By integrating existing systems, you can get immediate public safety value through inter-agency collaboration and real-time decision-making, with data and processes that are already familiar to the users. Analytics applied to internal and external sources can expose trends and patterns for criminal investigations and planning. The analytic results are presented in an interactive executive dashboard, customizable to the user's needs.

Problem details

Every player in the criminal justice system has dynamic information needs to meet the goals of protecting citizens and promoting safer communities. As the demands on justice agencies continue to increase without additional resources, the entire network needs to maximize the data accessible through the technology systems already in place. Failure to do this puts the general public at risk.

Since each department and agency built its technology solution independent of the rest, many of the same data elements are entered multiple times. These manual processes are not only costly and time-consuming, but each time a data element is entered, there's another opportunity for error. Worst of all, these manual and repetitive processes consume so much time and money that there's little left to proactively analyze the data for trends and changes in justice patterns as they emerge.

If you're involved with policing and investigation, your focus is gathering and analyzing all relevant data to solve crimes and locate persons of interest. When suspects move across jurisdictions, your job gets harder—because that introduces more systems you have to obtain information from. Plus, determining probable cause, obtaining warrants and processing arrests require more than just a name and address. You need access to data sources that range from fingerprints to financial records to Facebook videos. And you needed it all 10 minutes ago. To add to the complexity, the volume of data, types and sources is growing, exposing you to added risk for poor decision outcomes.

What's the Software AG difference?

Delivering a single view of realtime data to support justice and public safety decisions requires state-of-the-art technology. At the heart of our standards-based solution is the world's fastest information exchange engine, which:

- Provides fast integration
- Uses standards-based, re-usable components
- Supports NIEM, GRA and GFIPM standards
- Comes with pre-built Information Exchange
- Package Documentations (IEPDs) to expedite implementation and ensure project success
- Incorporation of IEPD life-cycle approach reduces effort for development and support

Software AG's solution

Increase accuracy and real-time accessibility

- Reduce manual tasks, duplicate entry and other opportunities for error
- Accommodate different data types, including photos, videos, document images
- Track individuals and cases across organizations
- Automate information exchanged between agencies and systems
- Share complete, accurate data

Integrate multiple, disparate and high-volume sources while adhering to industry standard

- Exploit existing technology investments
- Create a single, searchable portal with real-time access
- Extend information sharing to nonjustice applications, such as Health and Human Services
- Secure every communication between systems and agencies

Measure program effectiveness across agencies

- Send proactive, exception-based alerts
- Base metrics on a single set of data
- Monitor and report using real-time data
- Make predictive analysis possible
- Deliver analytics in easy-to-understand dashboards

Within the court system, responsibilities range from docketing the court calendar to prosecuting to defending the accused to judging and sentencing. The data to support these myriad activities means you need to be able to quickly pull together information on citations, motor vehicle records, crime lab results—as well as the schedules of dozens of people. Beyond administering justice proceedings, you're increasingly expected to improve the quality of justice, access to justice, and public trust and confidence in courts through what the private sector would call customer relations management.

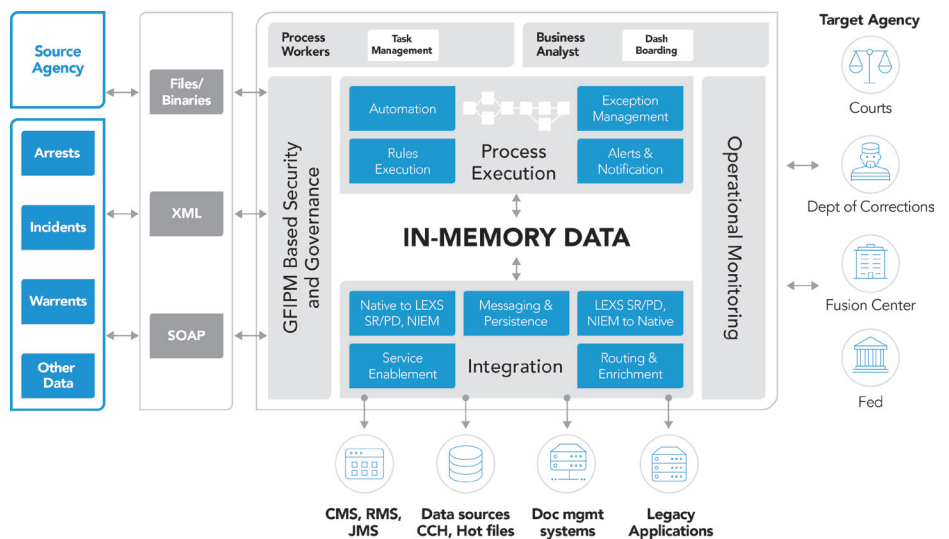
If you're in corrections or parole and probation, you are concerned about reducing recidivism. In particular, you need improved information sharing not only with law enforcement, the courts and other government agencies but also with non-justice agencies and some nongovernment agencies.

While Health and Human Services is an obvious partner, improved information sharing with Education, Housing, Employment Assistance and non-government behavioral health treatment providers can help those who have been released to receive the continuity of care and suitable intervention required for them to remain out of jail.

The common denominator for each role? The data they need to make right-time decisions already exists—in one or more agency systems—but no one has real-time access to everything needed. With none of those systems connected, they need a universal translator that intelligently and securely routes information regardless of who or what is involved in the communication.

Critical aspects of a justice & public safety solution

- 1 Increase data accuracy and real-time accessibility
- 2 Integrate multiple, disparate and high-volume sources while adhering to industry standards
- 3 Measure program effectiveness across agencies



ABOUT SOFTWARE AG

Software AG offers the world's first Digital Business Platform. Recognized as a leader by the industry's top analyst firms, Software AG helps you combine existing systems on premises and in the cloud into a single platform to optimize your business and delight your customers. With Software AG, you can rapidly build and deploy digital business applications to exploit real-time market opportunities. Get maximum value from big data, make better decisions with streaming analytics, achieve more with the Internet of Things, and respond faster to shifting regulations and threats with intelligent governance, risk and compliance. The world's top brands trust Software AG to help them rapidly innovate, differentiate and win in the digital world. Learn more at www.SoftwareAG.com.

© 2016 Software AG. All rights reserved. Software AG and all Software AG products are either trademarks or registered trademarks of Software AG. Other product and company names mentioned herein may be the trademarks of their respective owners.

SAG_Justice_Public_Safety_SB_Feb16

