



● ● ●

Getting Real Business Value to Courts from Integrated Justice Systems

John Doktor
Larry Bernosky
George Roundy

*Technical Director
Integration Program Manager
e-Corridor, CEO*

CTC9 – Wednesday, September 14, 2005



Agenda



- Introduction
- ICJIS Integration with the Courts
- Arrest to Disposition – an Enterprise View and Demonstration
- Future Projects



Maricopa County, AZ “The Valley of the Sun”



- Population -- over 3.5 million
- Grew by 50% in the 1990's
- 4th largest county in the U.S.
- Fastest growing large county in the U.S.
- 60% of the state's population live in Maricopa County -- Phoenix, Scottsdale, Tempe, Mesa, etc.



Superior Court



- 85 Judges & Commissioners
- 23 Justices of the Peace
- Over 43,000 Criminal Cases Filed – 2004
- Over 29,000 Civil Cases Filed – 2004
- Over 3 Million Images Scanned - 2004
- Clerk of Court Goal – “Paperless by January 2007”



Challenges



- *Five Justice Agencies*
 - **Sheriff; County Attorney; Courts; Clerk; Public Defender**
- *Agencies have an internal business focus*
- *Conflicting goals and priorities*
- *Competing budgets*
- *Diverse IT infrastructures*
- *Many ad hoc interfaces*
- *Replicated functions and forms*



ICJIS Integration with the Courts



- Our IT Evolution
- Integrating the Booking and the Courts
- ROI
- Governance



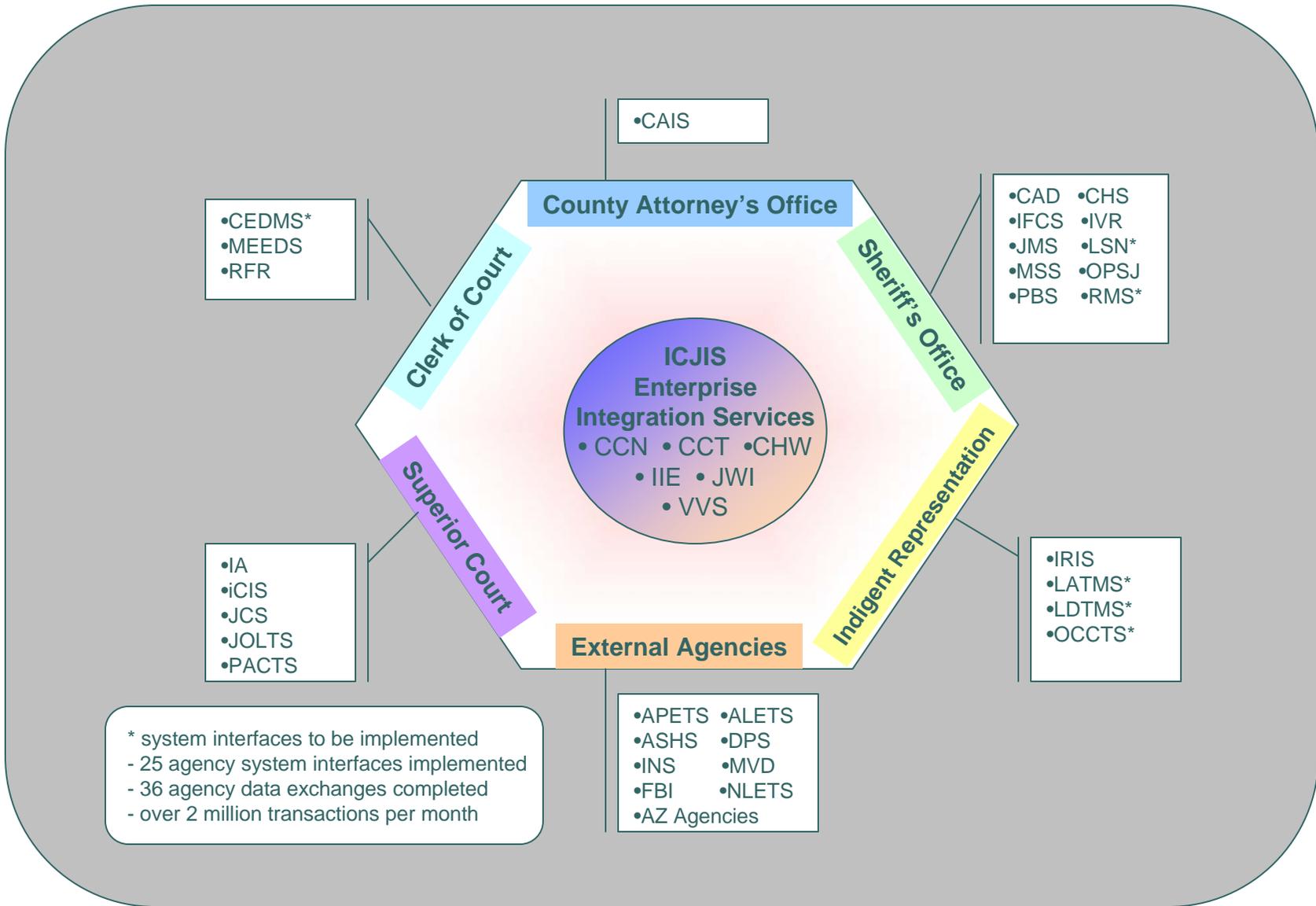
Maricopa County Justice IT Infrastructure

-- Where We Started --



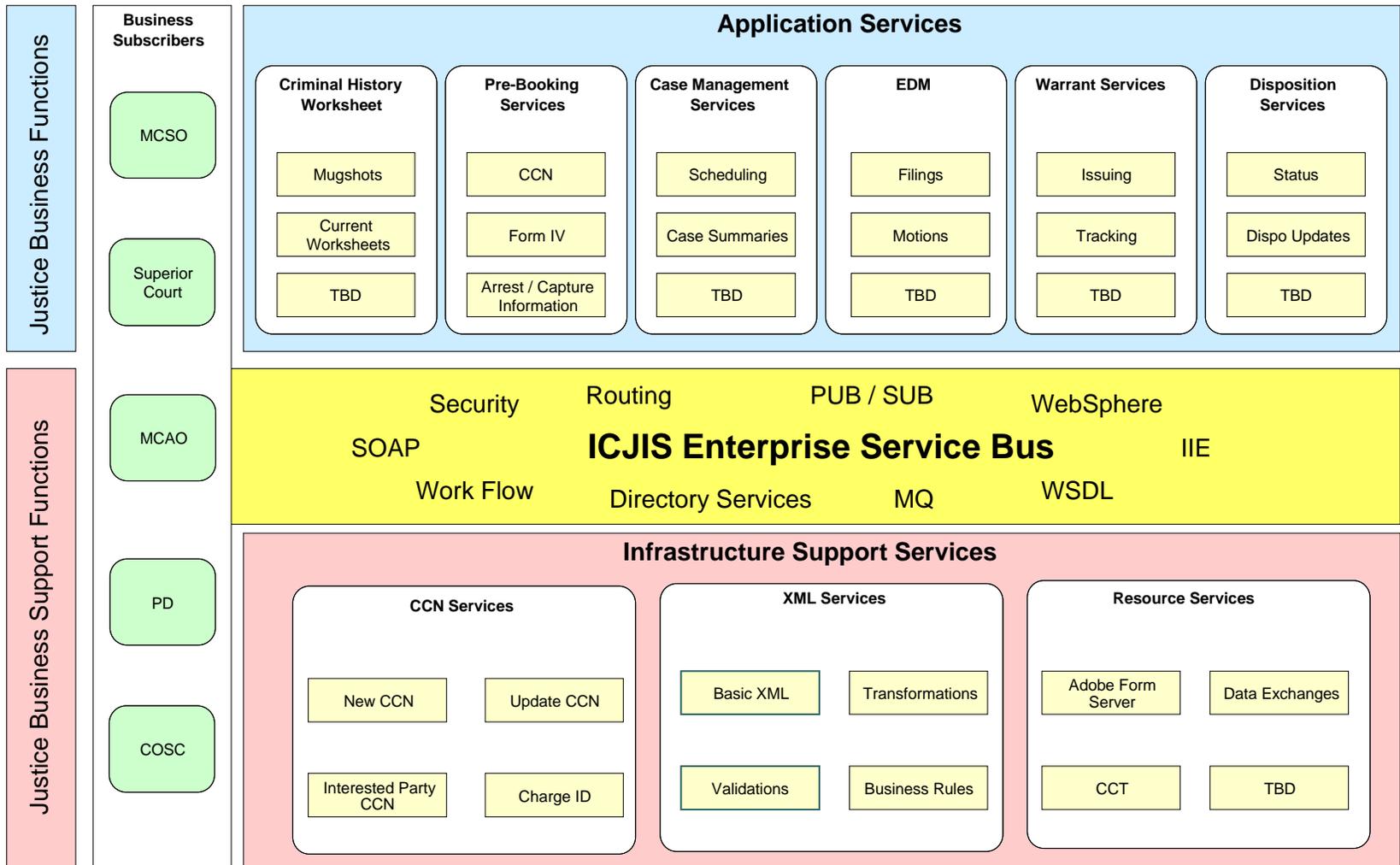
Host/Server Hardware Platforms	Operating Systems	Application Development Languages	Application Architectures	Database	Presentation Layer
Bull Mainframe Compaq/DEC/VAX Compaq/DEC/Alpha Sun HP-Compaq RS/6000 AS/400 HP-Compaq Intel based	GCOS8 VMS OpenVMS Sun Solaris HP-UX AIX OS/400 Win NT NetWare	COBOL Datatrieve PacBase Powerbuilder Delphi Visual Basic ASP VMS Basic C Informix Fourgen	Terminal to Host Microsoft DNA Client/server	RMS/ISAM IDS-II Informix Sybase SQL Server DB2 Access Paradox	Terminal emulation Terminal Client/Server Browser

ICJIS Environment – January 2005

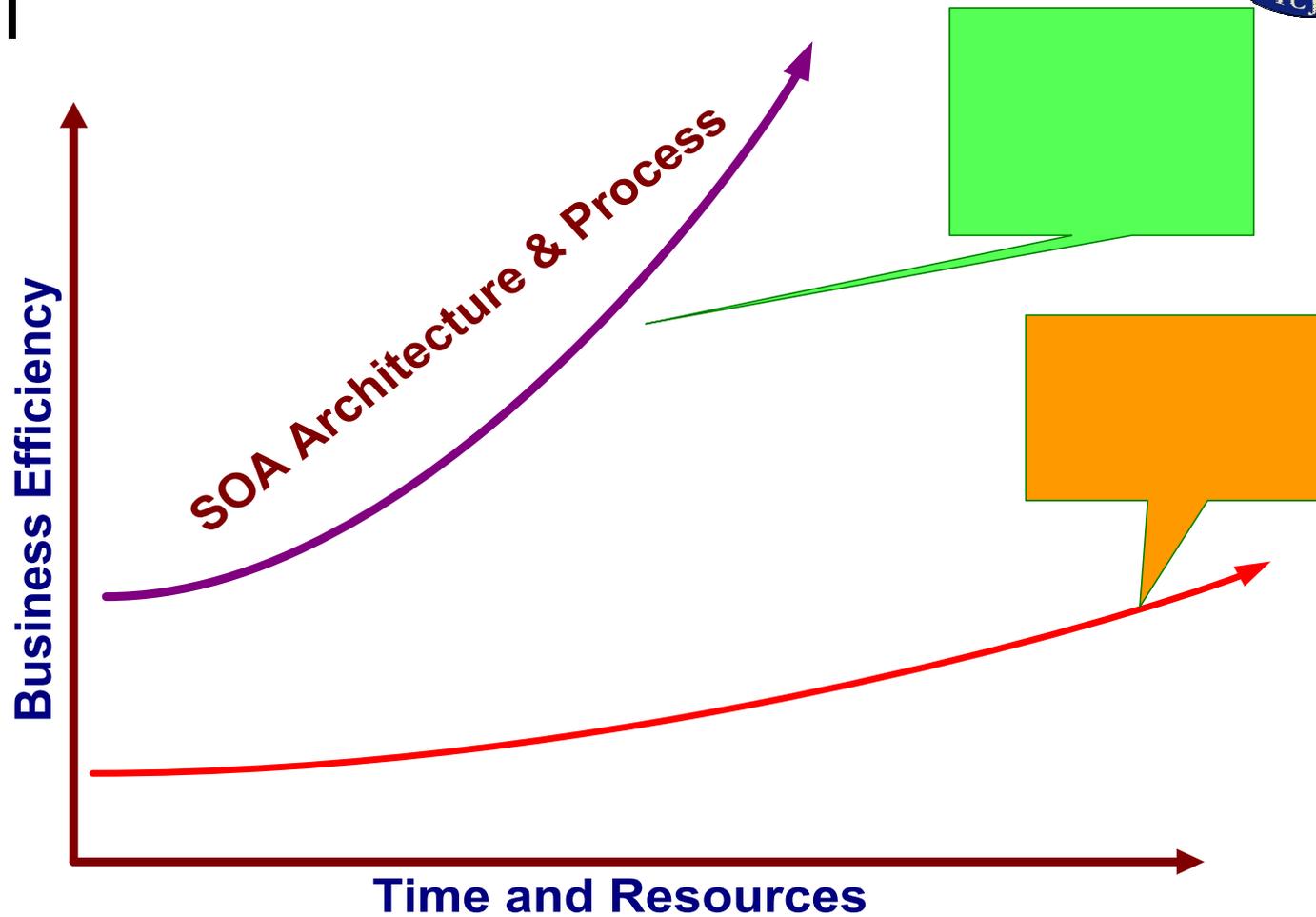


ICJIS Service Oriented Architecture Roadmap

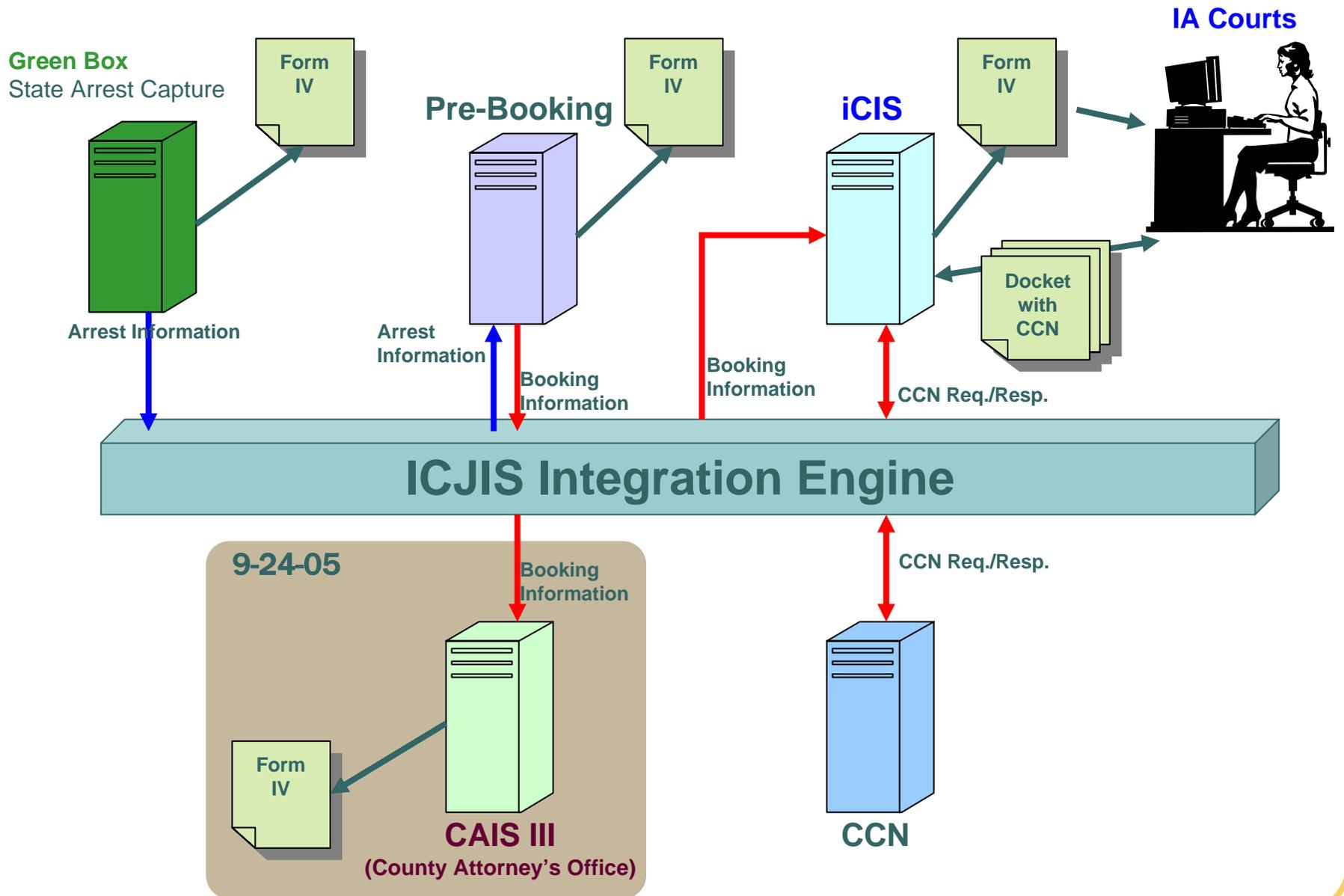
-- Our Target Domain --



Getting Faster Results & Payoff



Form IV/CCN 2.1/iCIS Configuration



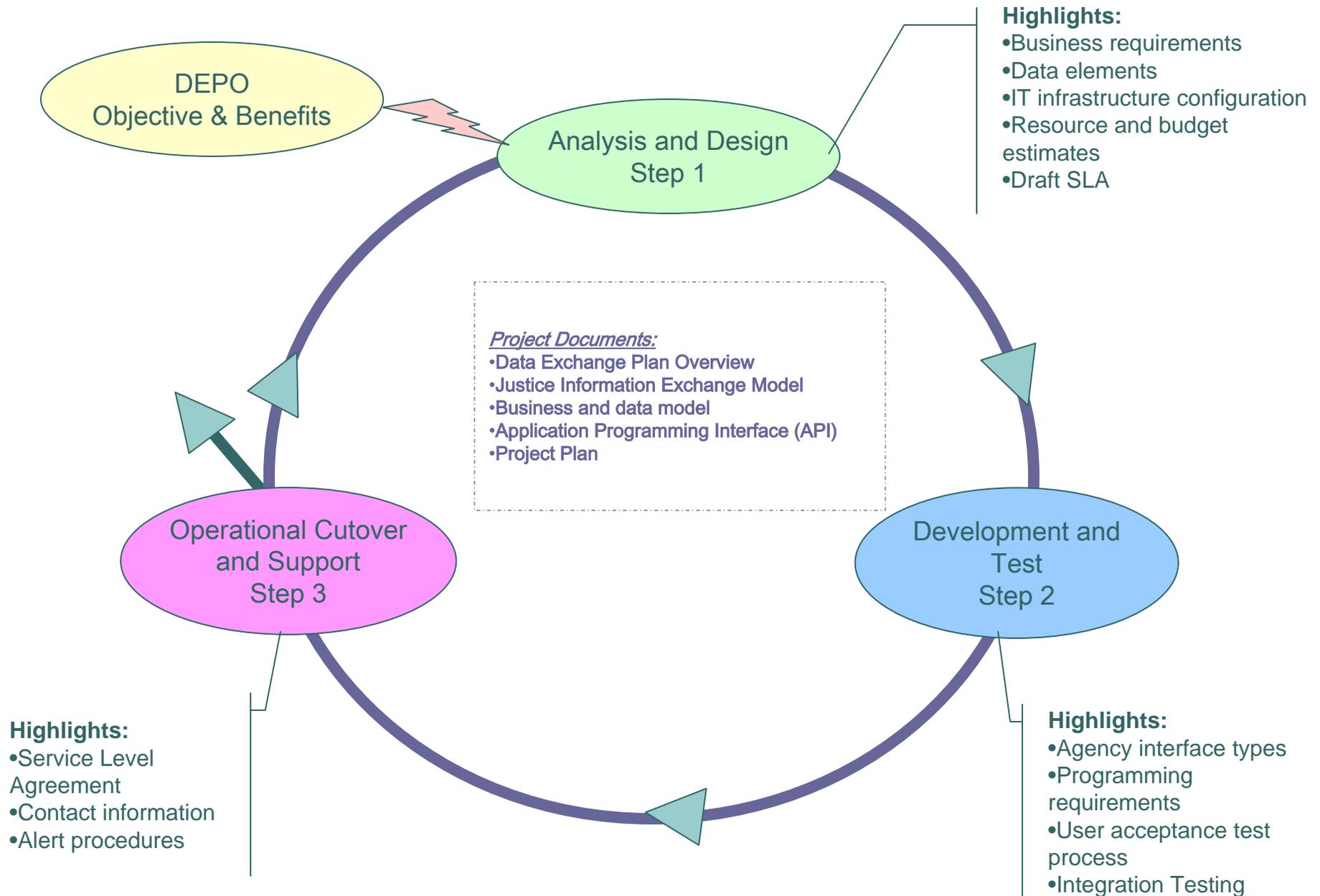


Return on Investment



- ***275 IA hearings per day – 8 docket sessions – 24x7***
- Legible e-Form-4
- Immediate availability
- e-Form-4 charges and booking information match
- Copies readily available
- Identifying co-defendants easier with CCN and e-Form-4
- More information on the e-Form-4 than the paper
- Other users can receive the e-Form-4

Data Exchange Project Governance and Life Cycle





Suggestions for a Smoother Integration Process



- Agree on the **rules and tools**
- Spend time to **understand the problem** – resist pressure for instant gratification
- Find **champions**
- Plan for the **ROI up front** – if these aren't clear then it's the wrong project
- Develop and use a **repeatable process**
- **Plan for change** – both technology & user expectations
- Get agreement from agencies on **what is success and completion**
- Integration is **80% political and 20% technical**
- **Share project priorities** with your business partners
- **Money and incentives** help with the cat-herding
- Make the **customer your biggest fan**
- Life starts **after implementation**



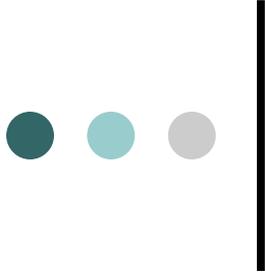
- Arrest to Disposition – an Enterprise View and Demonstration



Next 18 Months



Project	ROI (15 Years)
Criminal Case Filing	\$7,048,096
Criminal History Worksheet	\$51,561,788
Warrants, Summons & Subpoenas	\$7,868,308
Sentencing & Dispositions	\$4,512,543



Criminal Case Filing Business Need/Benefits



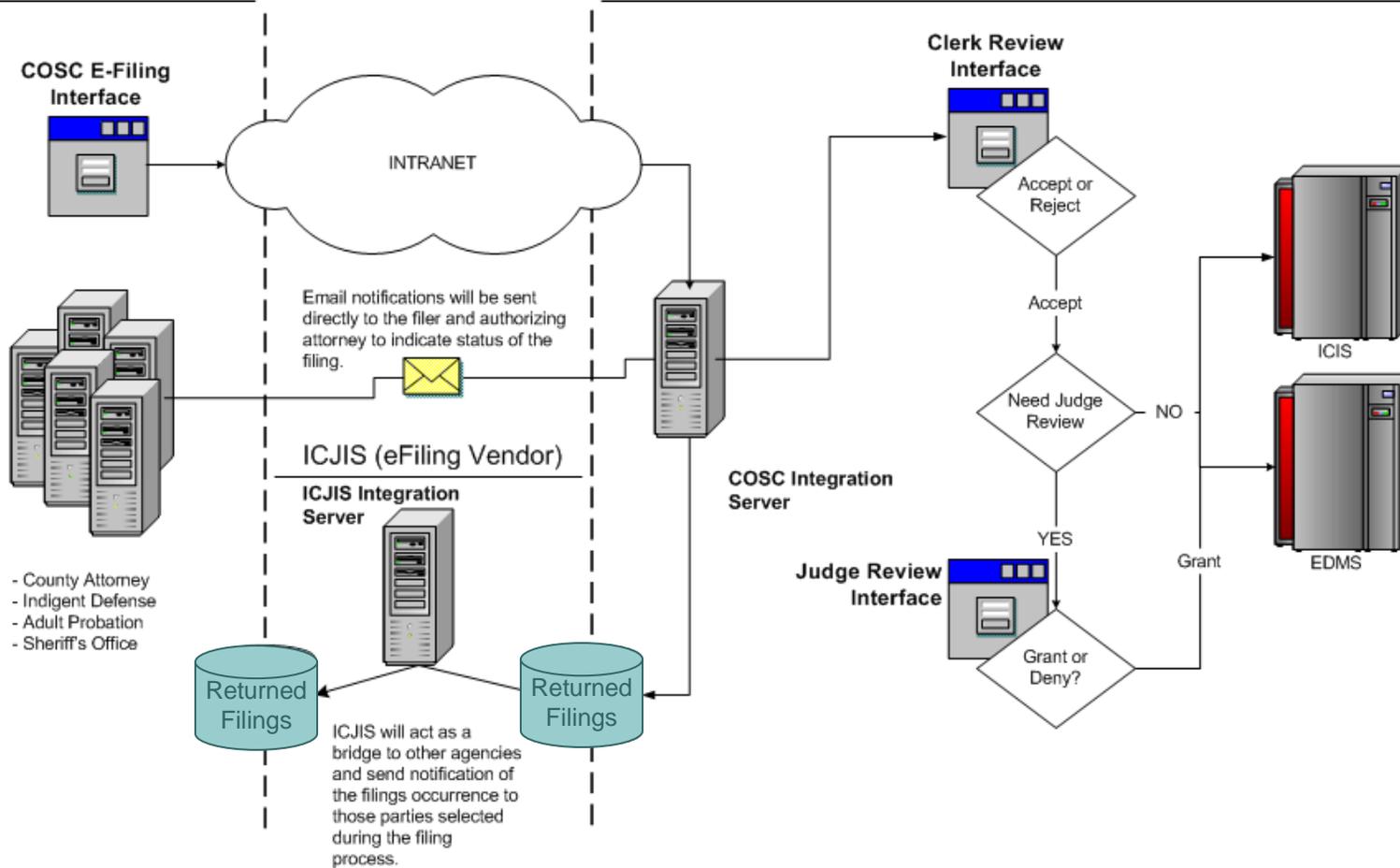
- Elimination of the need to make, route, and file multiple paper copies of the documents, resulting in a reduction in space needed for storing paper files.
- Reduction in APD-Pre-Trial Services resources to monitor subjects when a complaint is not filed.
- Earlier and more standardized notification of filing status to aid in the appropriate and timely jail release of in-custody suspects, resulting in less research, resources, and manual effort that is needed.
- More timely notice to criminal justice parties of cases filed with the Courts.
- Ability to manage workload by filing with the Court when ready, rather than batch processing and hand delivered delayed paperwork to the Court.

Criminal Case Filing Business Solution



County Justice Agencies

Clerk of Court and Superior Court



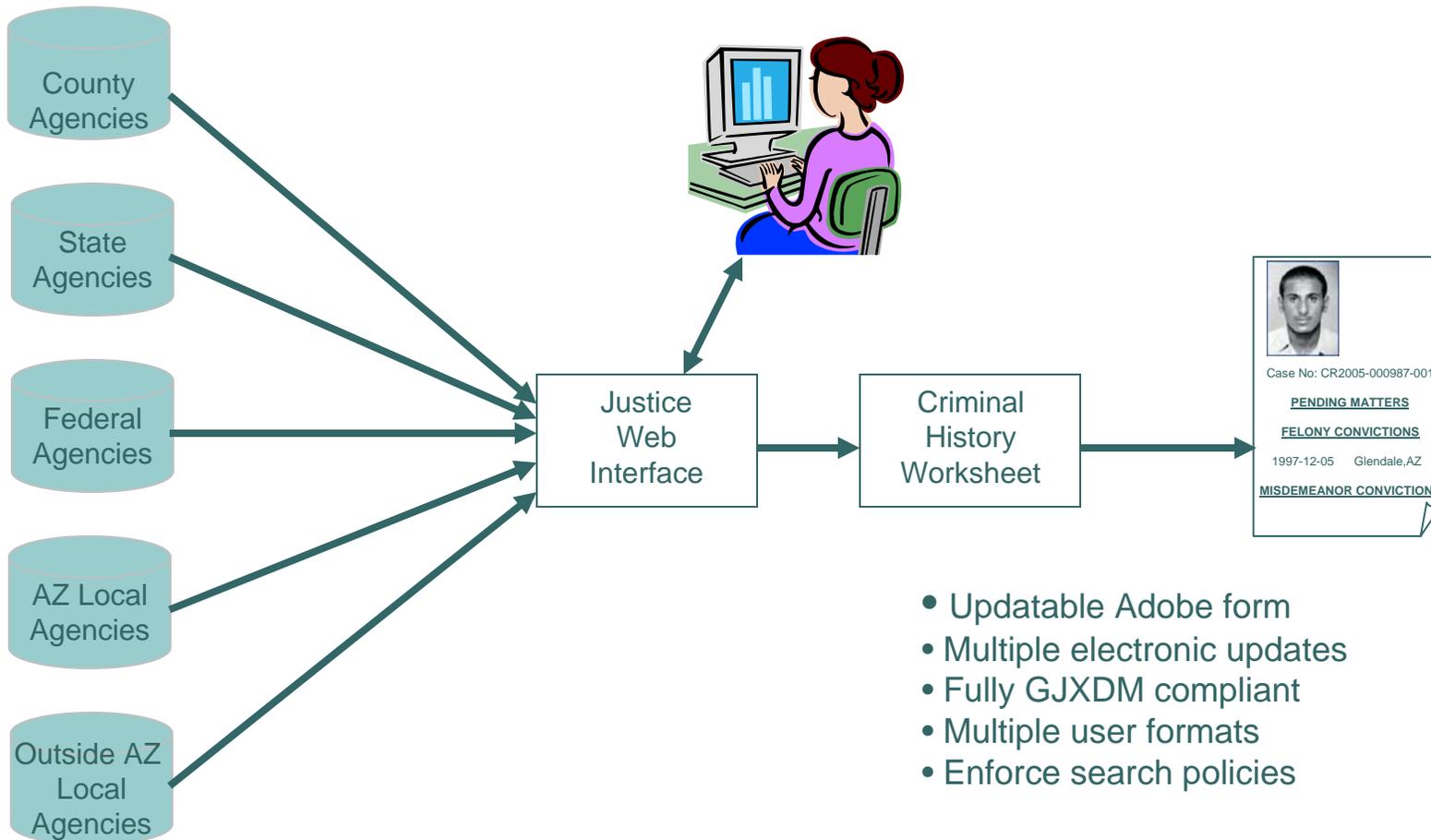


Criminal History Worksheet Business Need/Benefits



- Reduction in number of pre-sentence reports prepared; reduction in case processing time and continuances by having information that is real-time, accurate, timely, and readable.
- Reduction of time compiling criminal history worksheets by receiving formatted electronic information from multiple systems.
- Reduction of jail days with more immediate release decisions made by the court with the availability of timely information.
- Enhanced public safety due to sound release decisions being made based on timely accurate information.
- Additional reduction in jail days through combining court hearing types, such as EDC, enabling efficient plea acceptance in one court hearing.

Criminal History Worksheet Business Solution



- Updatable Adobe form
- Multiple electronic updates
- Fully GJXDM compliant
- Multiple user formats
- Enforce search policies

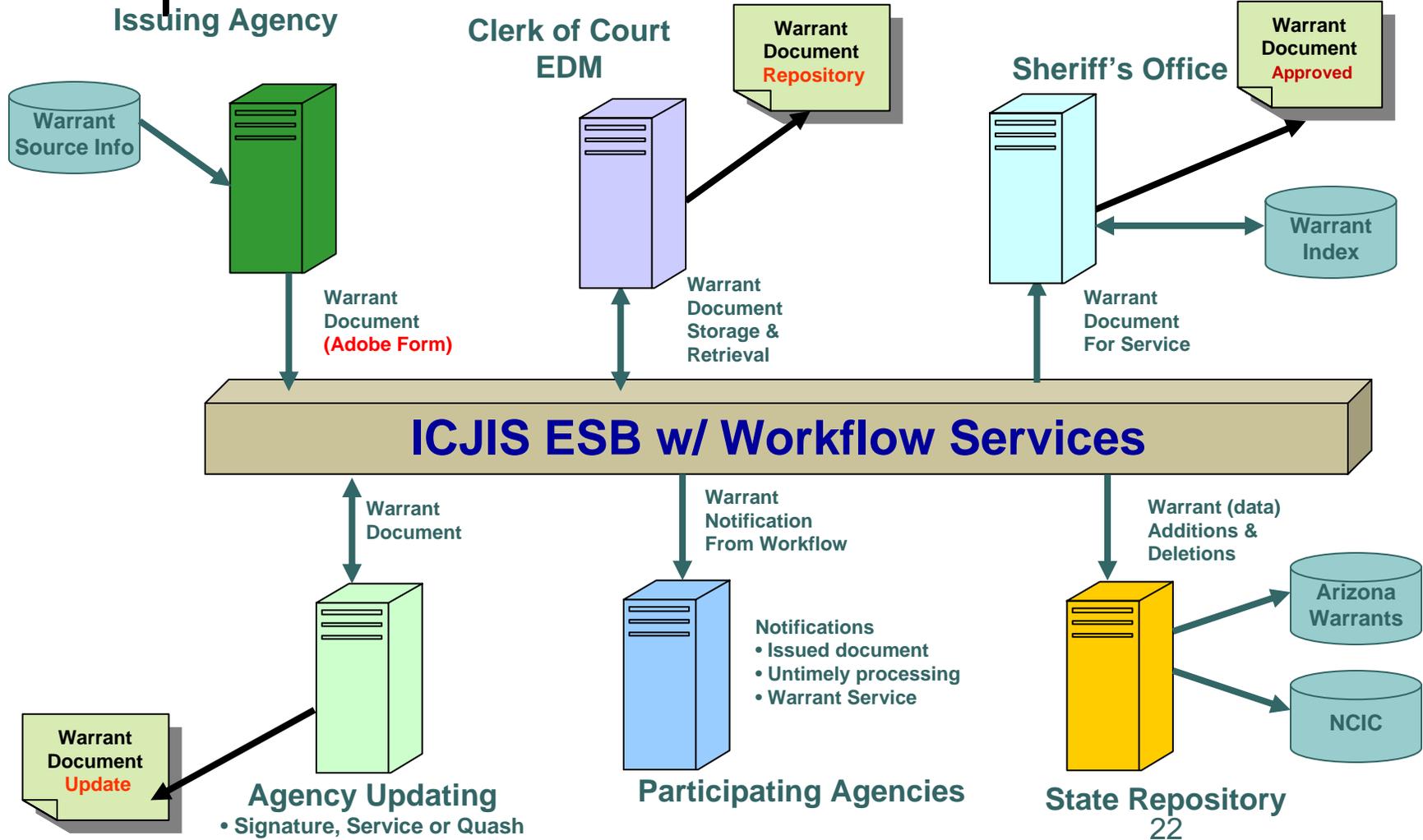


Warrants, Summons & Subpoenas Business Need/Benefits



- Electronic notification to originating agencies of warrant entry into NCIC/ACIC.
- Faster and more accurate notice of return of service.
- Reduction in time spent filing, searching, confirming, verifying, quashing, and entering warrants into ACIC/NCIC.
- Reduction in data entry errors by eliminating redundant data entry, unnecessary printing, and manual sorting for scanning and distribution.
- Compliance with Homeland Security - immediate notification upon warrant issuance, including the last known address of the suspect.

Warrant Flow Overview





Sentencing & Dispositions Business Need/Benefits



- Accurate and timely electronic disposition to DPS, providing correct information to law enforcement.
- Less research and manual matching of the disposition form with the case.
- Real-time notification to agencies of amended charges, case disposition, sentencing, and termination of cases, eliminating wasteful file work.
- Reduced average length of stay in the County jail, and reduced time monitoring pre-trial cases.
- Improve customer service inquiry response on final sentencing.



Sentencing & Dispositions Business Solution



- Assign a Unique Charge Identification Number – Track Charge from Arrest through Disposition
- Provide Timely and Accurate Disposition and Sentencing Information to Criminal Justice Agencies
- Provide Timely and Accurate Disposition Reporting to the State Disposition System using a Web Service Interface



Contact Information



- John Doktor
 - jdoktor@mail.maricopa.gov
- Larry Bernosky
 - lbernosk@mail.maricopa.gov
- George Roundy
 - groundy@ecorridor.com
- ICJIS Web Site
 - www.maricopa.gov/icjis/



SOA's Benefits



- **Reduced integration expense** with loosely coupled interfaces.
 - E.g., asynchronous vs. synchronous
- **Increased asset reuse** by creating new business processes and composite applications from existing services.
 - E.g., Form IV; Adobe
- **Increased business agility** by delegating some of the business process flows to parts of the organizations.
 - E.g., Consolidated EDM support
- **Reduced business risk and exposure** by providing better visibility into business operations.
 - E.g., statute changes; inmate status