



DOROTHY BROWN
CLERK OF THE CIRCUIT COURT
OF COOK COUNTY

DIGITALBRIDGE
JUSTICE 

COOK COUNTY & DIGITALBRIDGE

PRESENTS

eWARRANTS

ELECTRONIC WARRANTS PROCESSING

IIJIS Purposes

- Bring stakeholder organizations together to comprehensively and effectively plan justice information systems
- Coordinate information systems development activities



IIJIS Purposes

- Build and expand the range of effectiveness of information systems and sharing capabilities
- Improve the effectiveness, efficiency, timeliness, accuracy, and completeness of information



Cook County Circuit Clerk's Key Objectives/Goals

Scope of Project:

Implement a cutting edge technology package to automate the process of creating, quashing & recalling, signing, processing, serving, & re-docketing all Misdemeanor Warrant types



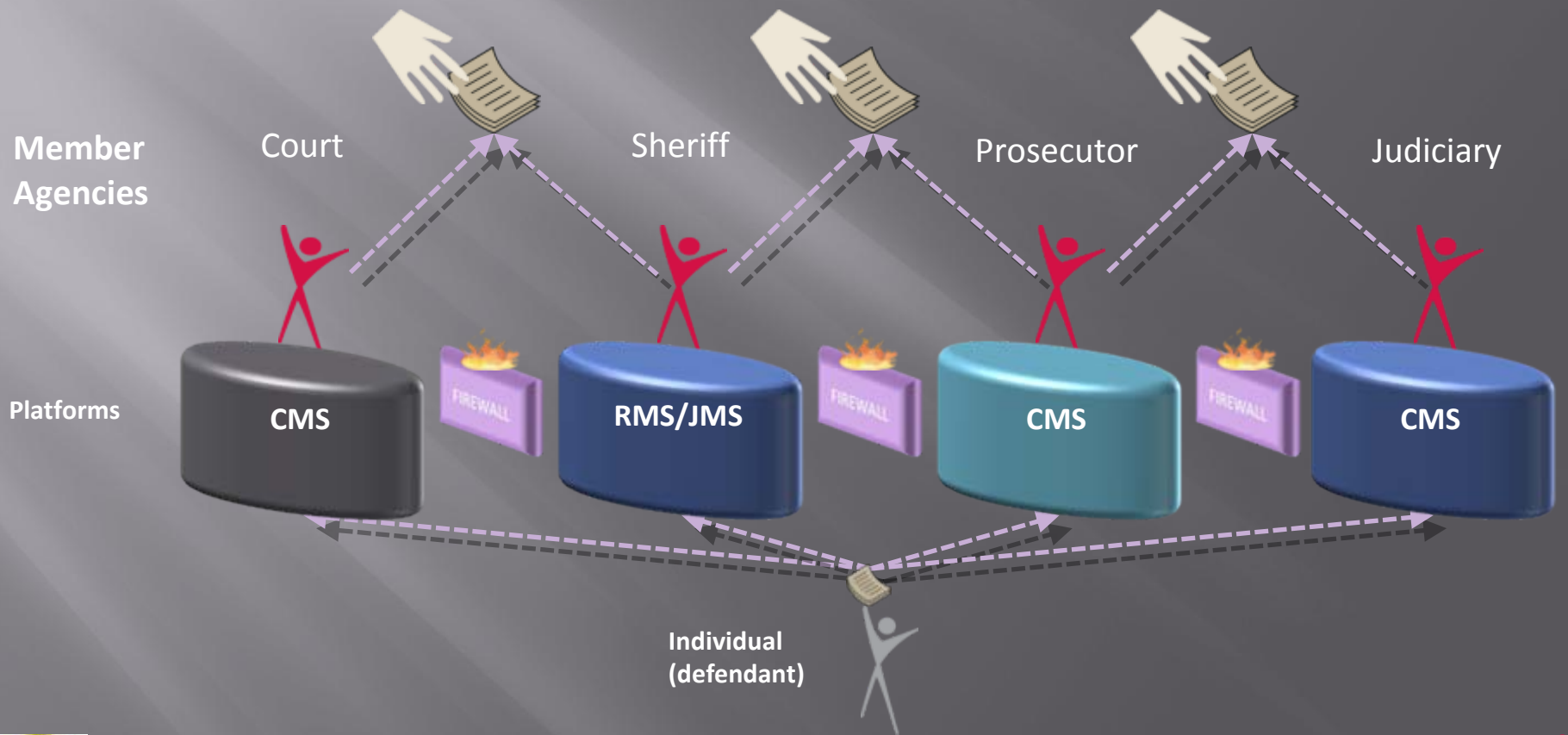
Cook County Circuit Clerk's Key Objectives/Goals

Overall Objectives:

- Utilize the latest technology to automate processes & workflows
- Support the Cook County eCourt directive
- Build upon foundation for Integrated Justice Enterprise Model & overall goals of CCICJIS
- Speed up the warrant process
- Increase Public Safety
- Save Money
- Remain compliant with law



Traditional Warrant Workflow



Cook County's existing paper-based warrant application

- Involved 6 agencies
- 18 cross-boundary paper exchanges
- Exchanges were 100% paper-based
- Assorted legacy systems in place *(ex: 40 yr old VSAM)*
- Required integration with existing KRIM &
- CLEWS systems



Cook County's existing paper-based warrant application

- Multiple Stakeholders with critical-path functions
- Had 41 separate manual steps
- Large backlog of warrants
- Time required: 1-3 days
- Cost average: \$262





eWARRANTS™

- All information goes into a secure, electronic packet
- Start to finish – any warrant process or form duplicated on screen
- Accountability – auditable paper trail equivalent

Doc. 02080002 000

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS

THE PEOPLE OF THE STATE OF ILLINOIS }
vs. }
} Case No. _____ Court No. _____
} Violation of: } VEP ACP ACP ACP
 Probation } Arrest Arrest
 Supervision } Arrest Arrest
 Conditional Discharge } M/N

ARREST WARRANT

THE PEOPLE OF THE STATE OF ILLINOIS TO ALL PEACE OFFICERS IN THE STATE - GREETING:

We command you to arrest Defendant _____
_____ (First) _____ (Middle) _____ (Last)

for the offense of _____
_____ (Statute)

_____ (Offense) _____ (Section) _____ (Code)

issued in a charge(s) now pending before this court and that you bring this/arrestee before The Circuit Court of Cook County at _____ (Courtroom) _____ (Room) _____ (Judge's Office)

or, if it is not possible or feasible to act, the nearest or most accessible court in Cook County or, if this warrant is executed in a county other than Cook, before the nearest or most accessible judge in the county where the arrest is made.

GEOGRAPHIC LIMITATIONS Issued in Cook County _____
Cities otherwise indicated below the geographic limitations are those as specified in 720 ILCS 5/1-7(b).

_____ (Municipal Limitations)

_____ (Precinct) _____ (Judge) _____ (No.)

WITNESSETH, DEBORAH BROWN, CLERK OF THE COURT and the Seal thereof.

_____ (Clerk of the Court) _____ (Digital Seal)

Name _____ (First) _____ (Middle) _____ (Last) _____ (Title)

Residence _____ (Street) _____ (City or Town) _____ (State) _____ (Zip)

Sex	Race	Height	Weight	DOB	Age	Complexion	Hair	Driver's License No.
M	CAUCASIAN	5'10"	150	03/15/1980	33	Fair	Brown	123456789

Complainant's Name _____ Address _____

Issuing Officer _____ (Star No.) _____ (Agency/Unit) _____ (Officer's No.)

Warrant Officer _____ (Star No.) _____ (Agency/Unit) _____ (Officer's No.)

Reviewed By _____ (Signature) _____ (Title)

DEBORAH BROWN, CLERK OF THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS



eWARRANTS™

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS

THE PEOPLE OF THE STATE OF ILLINOIS }
vs. }
} Case No. _____ Det. No. _____
} Probation VOP
} Supervision AOP
} Conditional Discharge M/N

ARREST WARRANT

THE PEOPLE OF THE STATE OF ILLINOIS TO ALL WHATEVER OFFICERS IN THE STATE - GREETING:

We command you to arrest Defendant _____
born _____ (DOB) _____ (Date)

for the offense of _____
(Section) _____ (Statute) _____ (Code)

_____ (Name) (Address) (City) (State) (Zip Code)

_____ (Name) (Address) (City) (State) (Zip Code)

as if I am absent or unable to act, the nearest or most accessible court in Cook County or, if this warrant is executed in a county other than Cook, before the nearest or most accessible judge in the county where the arrest is made.

GEOGRAPHIC LIMITATIONS Issued in Cook County _____
Unless otherwise indicated below the geographic limitations are those as specified in 127 ILCS 5/1-7(b).

_____ (Municipal Jurisdiction) _____ (State) _____ (City) _____ (Zip Code)

_____ (Precinct) _____ (Judge) No. _____

WITNESSE: DEBORAH BROWN, CLERK OF THE COURT and the Seal thereof.

_____ (Clerk of the Court) _____ (Digital Clerk)

Name _____ (DOB) _____ (Date) _____ (Sex)

Residence _____ (Street) _____ (City or Town) _____ (State) _____ (Zip)

Sex	Race	Height	Weight	DOB	Age	Complexion	Hair	Driver's License No.
M	CAUCASIAN	5'10"	150	03/15/1980	33	Fair	Brown	_____

Complainant's Name _____ Address _____

Arresting Officer _____ (Star No.) _____ (Agency/Unit) _____ (Officer's No.)

Warrant Officer _____ (Star No.) _____ (Agency/Unit) _____ (Officer's No.)

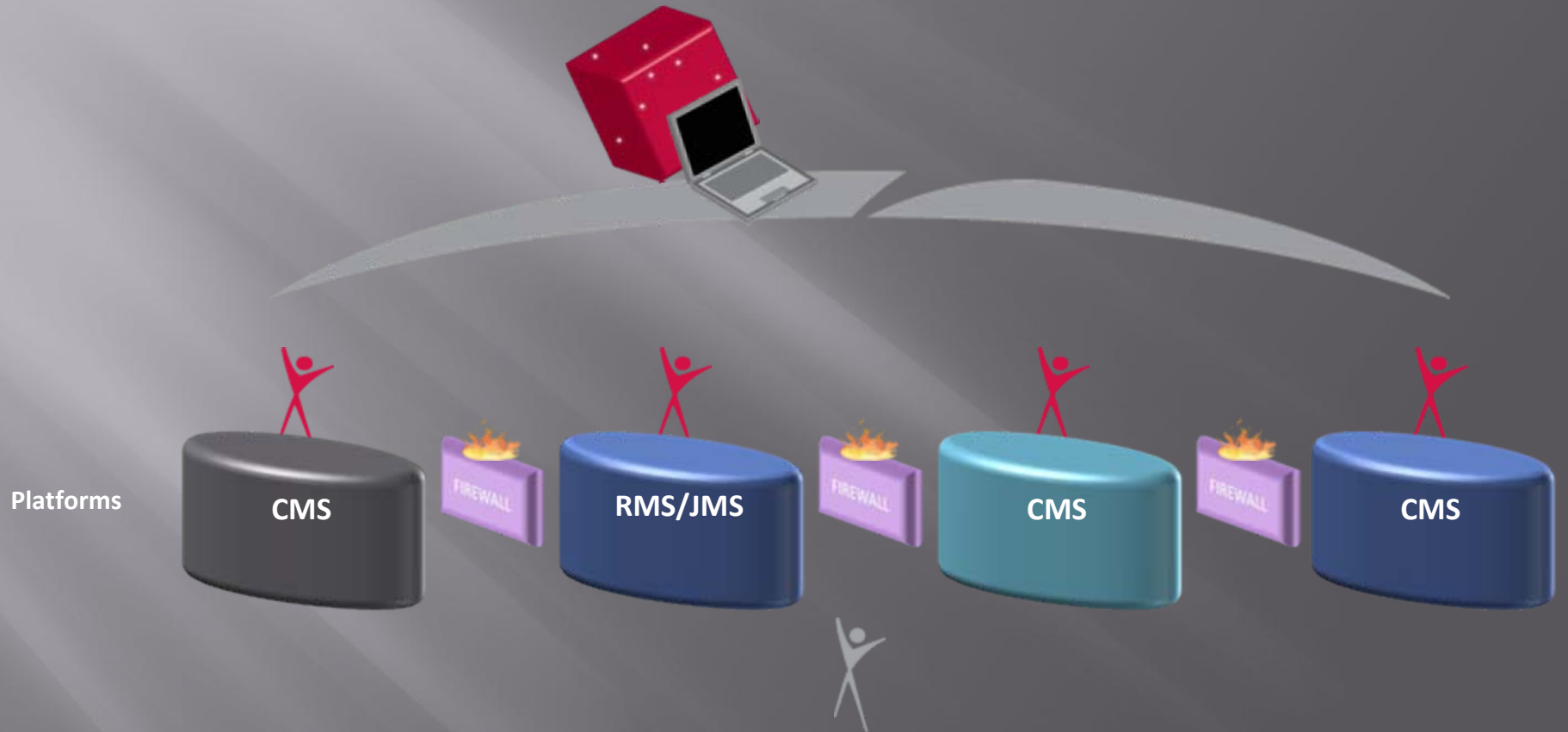
Reviewed By _____ (Signature) _____ (Title)

DEBORAH BROWN, CLERK OF THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS

- “No-worries” – built-in security & redundancy
- Full compatibility & accessibility to legacy systems & new technology (*including PDA/cell phones/laptops!*)
- Virtually unlimited information types

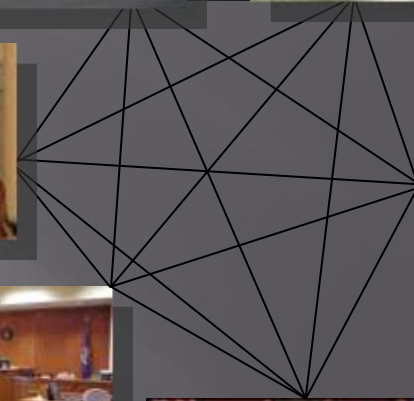
The warrant process initially took 1 to 3 days & cost \$262 on average. After installing DigitalBridge eWarrants, it now takes <25 minutes & costs <\$25.
...and we continue to use all of our original systems to do it!

eWarrant Workflow



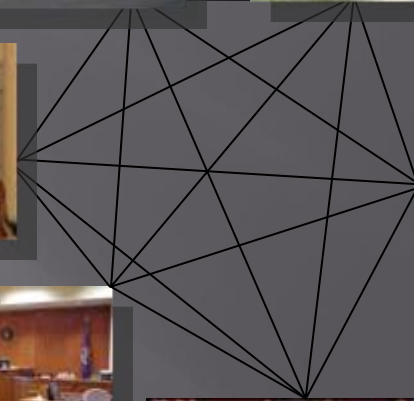
Problem: Our Justice Ecosystem is complex!

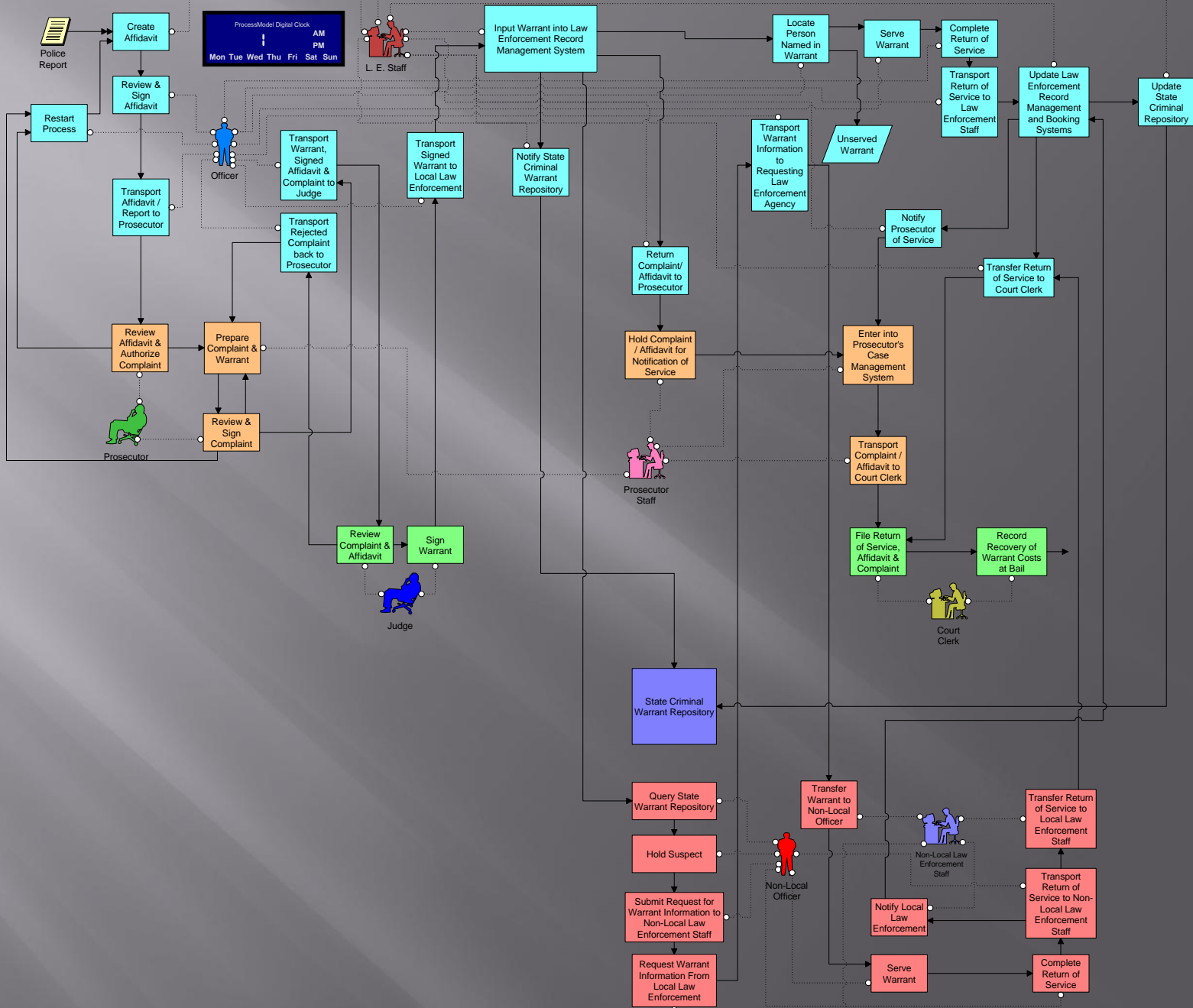
Multiple independent organizations interact and share responsibility for a portion of a complete process or workflow, and who share information in context between themselves, but where no single organization is in charge.



Problem: Our Justice Ecosystem is complex!

The challenge is the interactive “space in between” – We need to bridge the gaps between organizations to enable the sharing of processes and information while preserving context, security and privacy!





Baseline Arrest Warrant Process

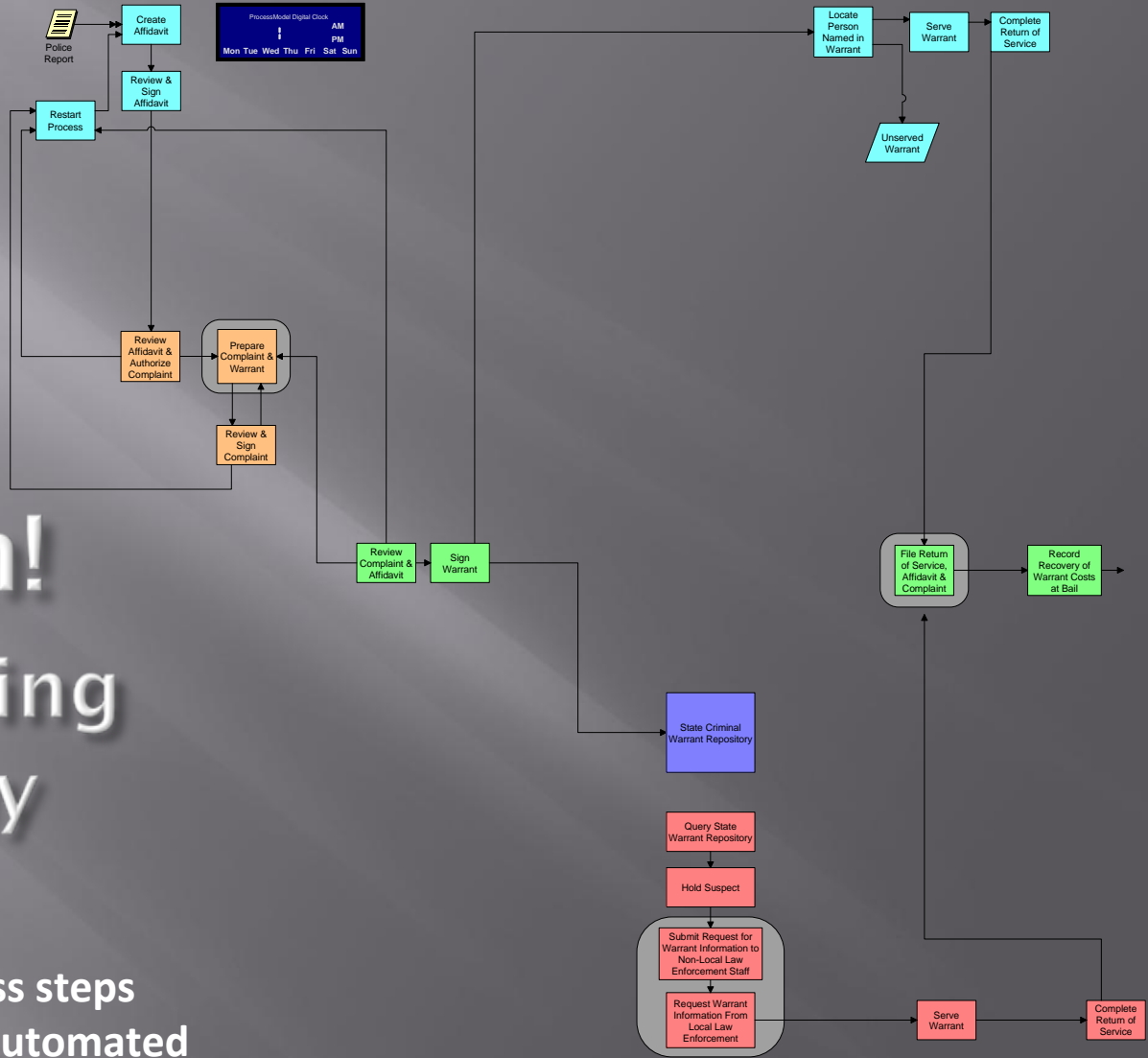


Solution!

Simplify using technology



Manual process steps substantially automated



Baseline Arrest Warrant Process using eWarrants

DIGITALFUSION™ TECHNOLOGY PLATFORM

- Collection of software tools that analyze, extract & transform data from disparate systems & packs them into portable, digital information packets which can then be pushed/pulled around & between networks accessible to end users.
- We utilize various services & tools with a Service Oriented Architecture to accomplish this including Web Services, Message Queue (MQ), XML, Java, FTP, ODBC/JDBC, SOAP & direct API calls.

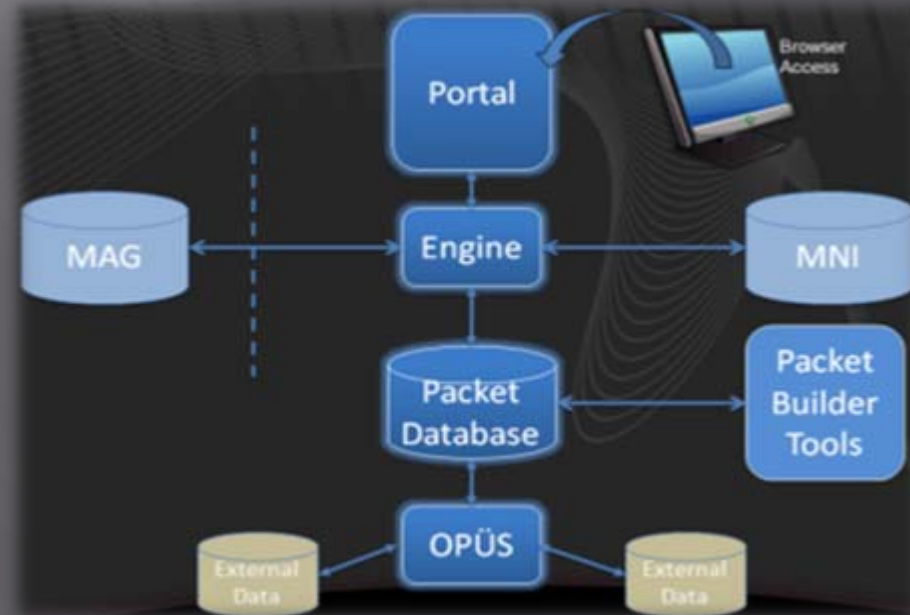
DIGITALFUSION™ TECHNOLOGY PLATFORM

Adapters are created to communicate with external data sources to manage the portable, digital information packets. No changes are required of the external systems.

Web Portal & required tools are created, if desired, to access data

Client can be installed onsite or hosted

Compliance with national standards (ex: NIEM 2.0, GJXDM, ICJIS, NCIC, IEPD)



Project Results

- Warrant processes now automated & available online in real-time for authorized personnel across our county
- Reduced the number of manual and paper-based processes by >50%
- Reduced time needed by >95%
- Reduced costs by 50% to 80%
- NO Rip & replace required!
- Significantly reduces errors by eliminating redundancy in manual data entry & by catching errors before they become problems



Project Results

- Validates data by automatically capturing audit histories
- Improves security & expands privacy control and enforcement
- Leverages base project interfaces to facilitate additional/future county-wide integration initiatives
- Achieves new levels of inter-agency cooperation



Who is DigitalBridge?

- Technology leader for information sharing among digital ecosystems
- Creating sharing solutions between stakeholders within the digital ecosystem in a complete, accurate, timely and secure manner
- Creator of Digital Packet Technology™
- DigitalBridge can build “bridges” between disparate data sources



Who is DigitalBridge?

- Portable Digital Information Packet tied to a noun
- Business Process (workflow) travels with the Packet
- Manage Governance across Organizations
- Security/Audit/Rules travels with the Packet
- Device Independence for “end user”



eWARRANTS DEMO



DIGITAL BRIDGE
JUSTICE



THANK YOU!

Bridget A. Dancy
Chief Information Officer
Clerk Of The Circuit Court of
Cook County
(312).603.5477
badancy@cookcountycourt.com

David Clark
Regional Sales Director
DigitalBridge Justice
847-220-5246
dclark@digitalbridge.com

www.digitalbridgejustice.com