



State of Connecticut
Criminal Justice Information System

July 19, 2012
Quarterly Governing Board Meeting



Agenda

- Governor's Vision for Technology
- CJIS Goals and Objectives
- OBTS Status
- CIDRIS Status
- CISS Project Plan
- CISS Requirements
- CJIS Program Management
- CISS Initial Capabilities Demonstration



Governor's Vision

The Governor's vision for technology provides the foundation upon which CJIS is working. This vision is predicated on:

- Implementation of efficient, modern business processes that result in cost-effective delivery of services
- Open & transparent engagement with State citizens
- Accurate and timely data for policy making, service delivery & results evaluation
- A secure and cost effective IT infrastructure, including greater use of shared services and applications wherever possible
- Easily accessible services for all constituents



CJIS Goals & Objectives

- Provide each agency the IT autonomy to achieve their business goals
- Optimize existing IT investments & infrastructure within CJIS partner agencies
- Develop a universal adaptor-type (dial tone) service so that CJIS agencies can connect to Information Sharing system easily
- Create a security model that meets State and federal standards
- Provide services that are “boringly predictable”
- Use the “Forced Multiplier” to help leverage existing resources to “Do a lot more with a lot less”
- Responsive to stakeholders: “Information any way you want it”



OBTS Accomplishments

7.2 Quarterly Release

- The Offender Based Tracking System (OBTS) team completed and implemented the May OBTS 7.2 quarterly release on schedule.
- Improved Performance Tuning (for Speed) and Data Quality Improvements
- Made enhancements to Smart Name Search

System Performance

- Nastel performance tool installed
- CJIS and DAS/BEST technical teams attended Nastel Training Class
- Nastel tool will perform end-to-end monitoring to identify & correct problems

User Group Meetings

- The second OBTS/CIDIS/AFIS User Group Meeting – May 23 at CPCA. OBTS, CIDRIS, and CISS updates provided by the CJIS Operational Team, was followed by an open forum discussion.



OBTS — Where We Are Now

OBTS 7.3 – August Quarterly Release

Enhancements

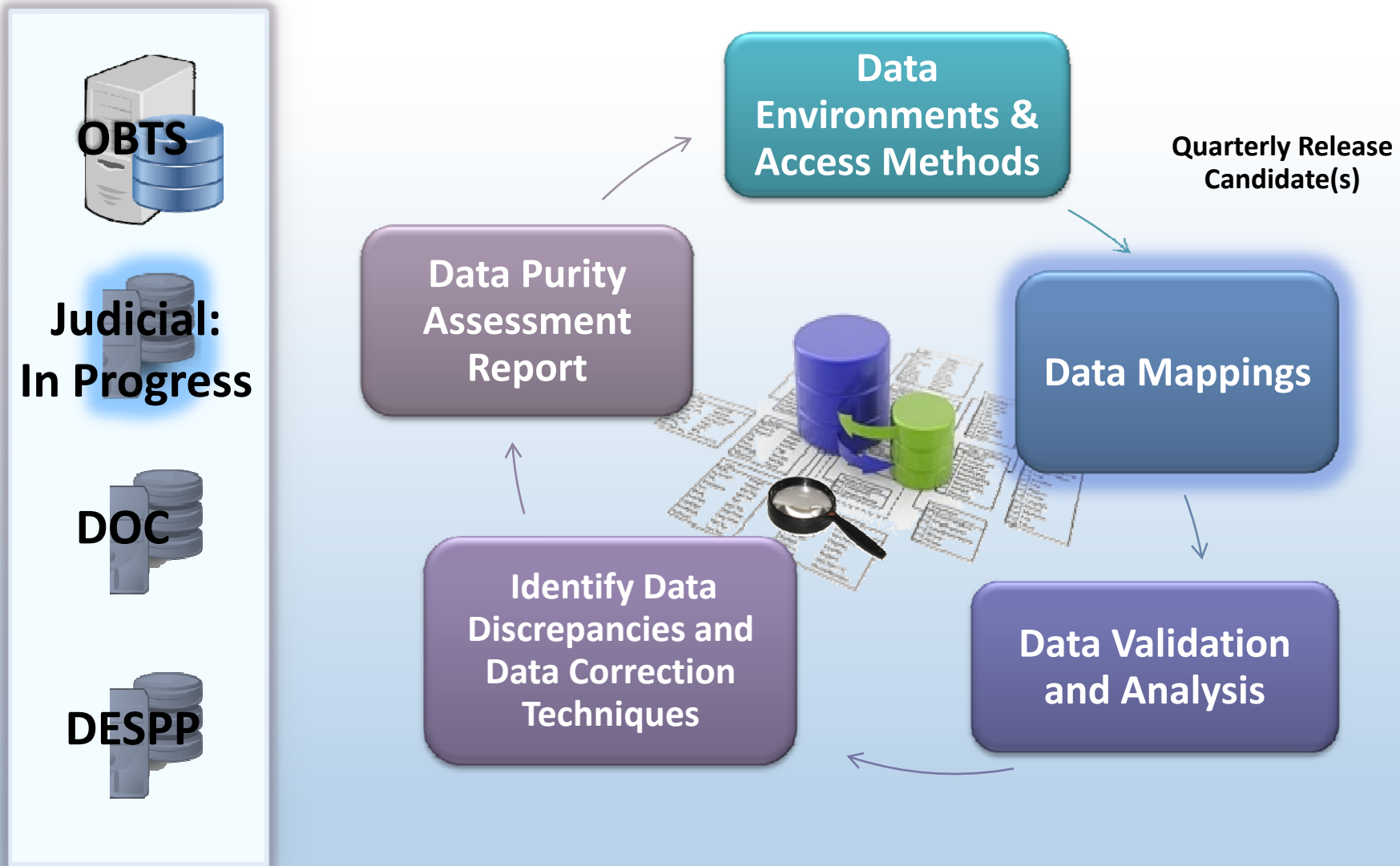
- Case Activity – Events 18 & 31
- Statistical Reports Key Table
- Interface to Monitor OBTS Health Status

System Performance

- Improve SMART Name and EXACT Name Inquiry Response Times
Tuning



Where We are Now: Data Purity Framework





OBTS — Where We Are Going

The Next 90 Days

- Begin constructing deliverables for Release 7.4
- Continue gathering & analyzing requirements for Release 7.5
- Continue data mappings of the Judicial branch's source systems
- CJIS to begin comparing OBTS data to Judicial's source system data – process includes:
 - Creating data dictionary
 - Writing code for the comparison
 - Documenting data required to update
- OBTS certification classes — August 2 and September 12 at Judicial's training center



CIDRIS – Where We Are Now

Implementation

- The CIDRIS team — including DMV, DESPP and Judicial — has begun CIDRIS redeployment exercises.
- Five Troops — B, L, A, I, and F — have been deployed
- The remaining six Troops — G, H,D,C,K and E — are expected to be complete in September.

Current Activities

- The implementation team meets each week to monitor current implementation activities and issues.
- The team is working to identify and correct the primary sources of data entry problems.
- The DESPP is expanding training coverage to enhance and streamline trooper and administrative work processes.

Current Issues

- Data quality improvement process continues
- Working to resolve issues with delivery of electronic OUI to Judicial and DMV



CIDRIS – Where We Are Going

Our Work Continues

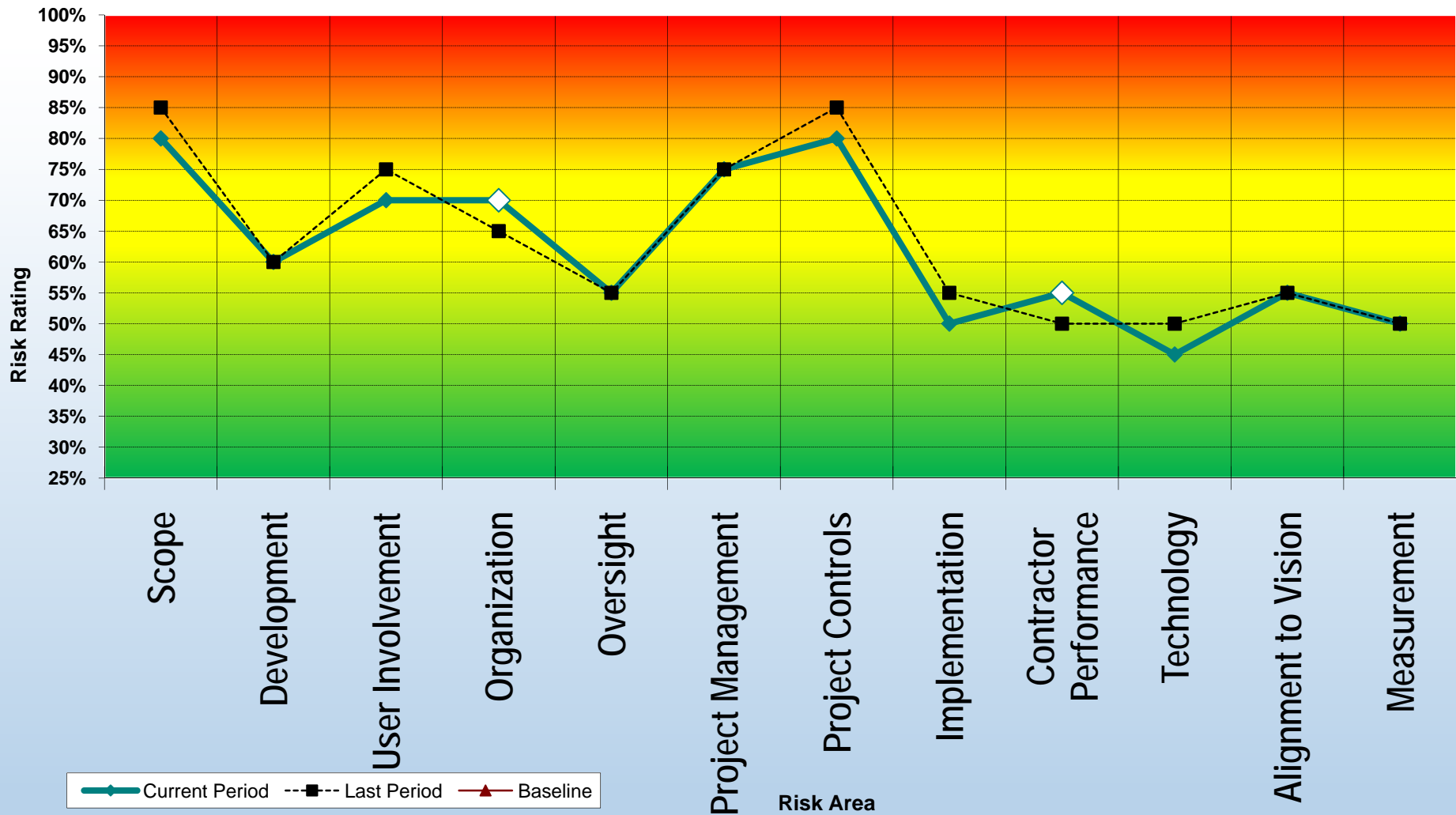
- Complete roll-out of the six remaining Troops by mid-September.
- Work with stakeholders to increase quality of OUI data to 100%.

Benefits to CJIS Community

- Stakeholders have the opportunity to use OUI information electronically after implementation is complete.

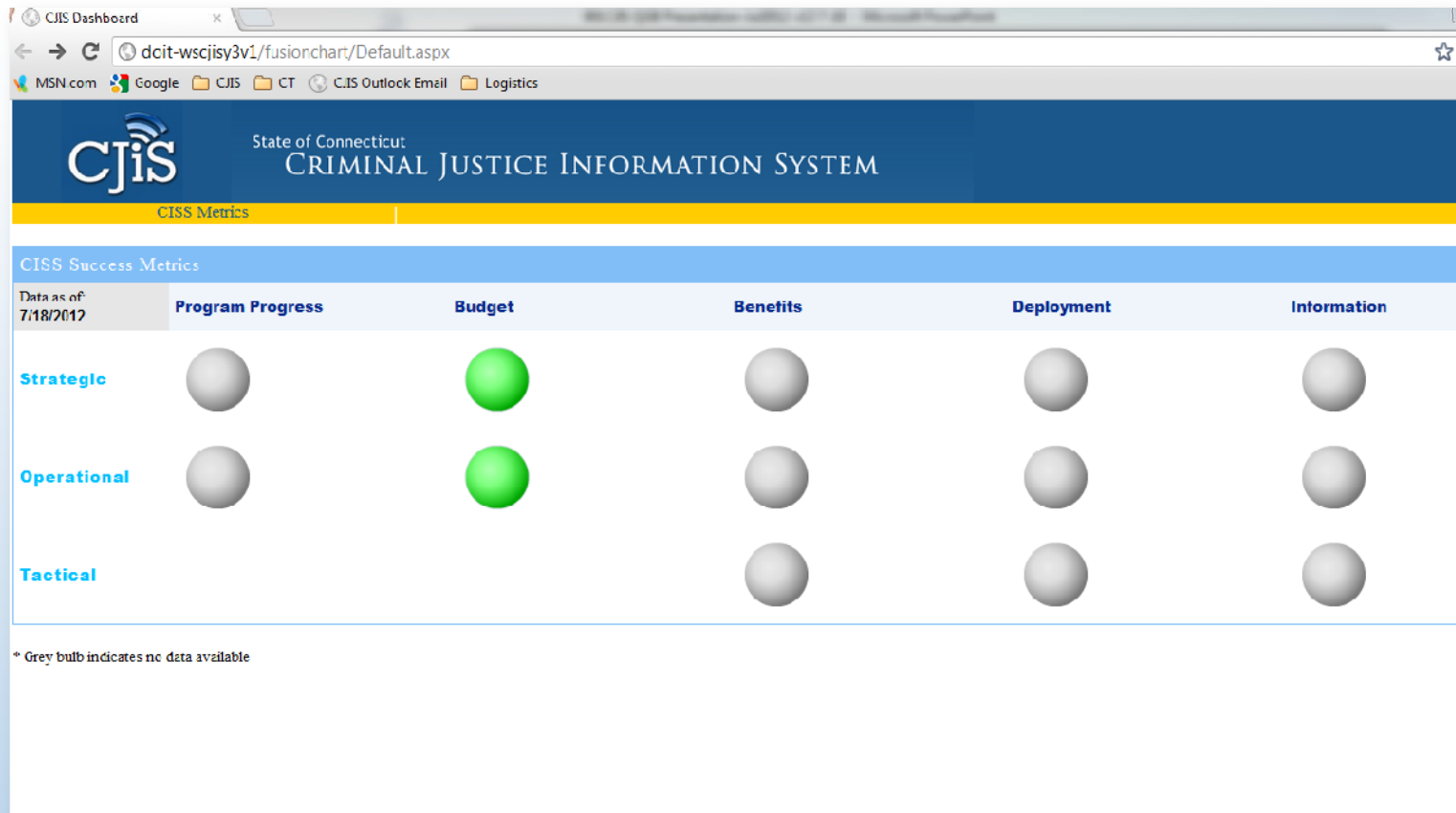


Quarterly IV&V Report for 2nd Quarter 2012



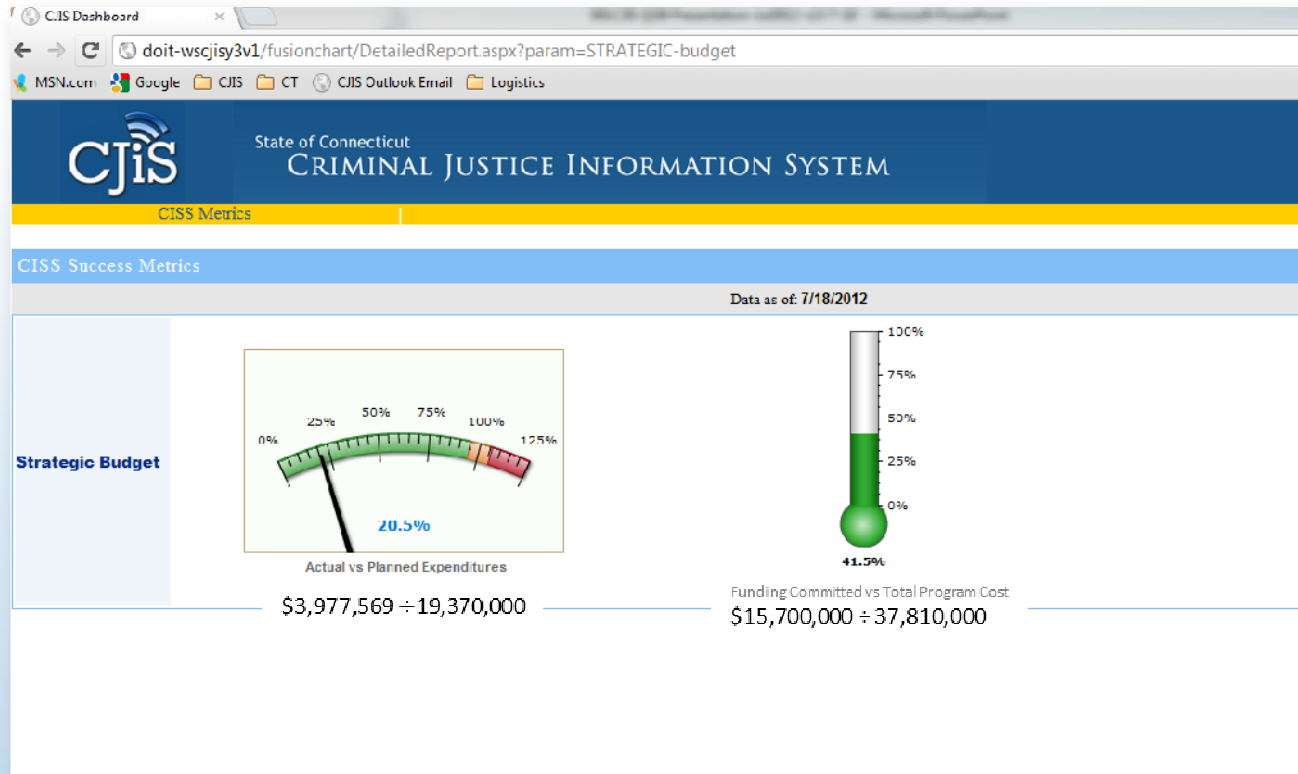


CISS Success Metrics – Phase 1



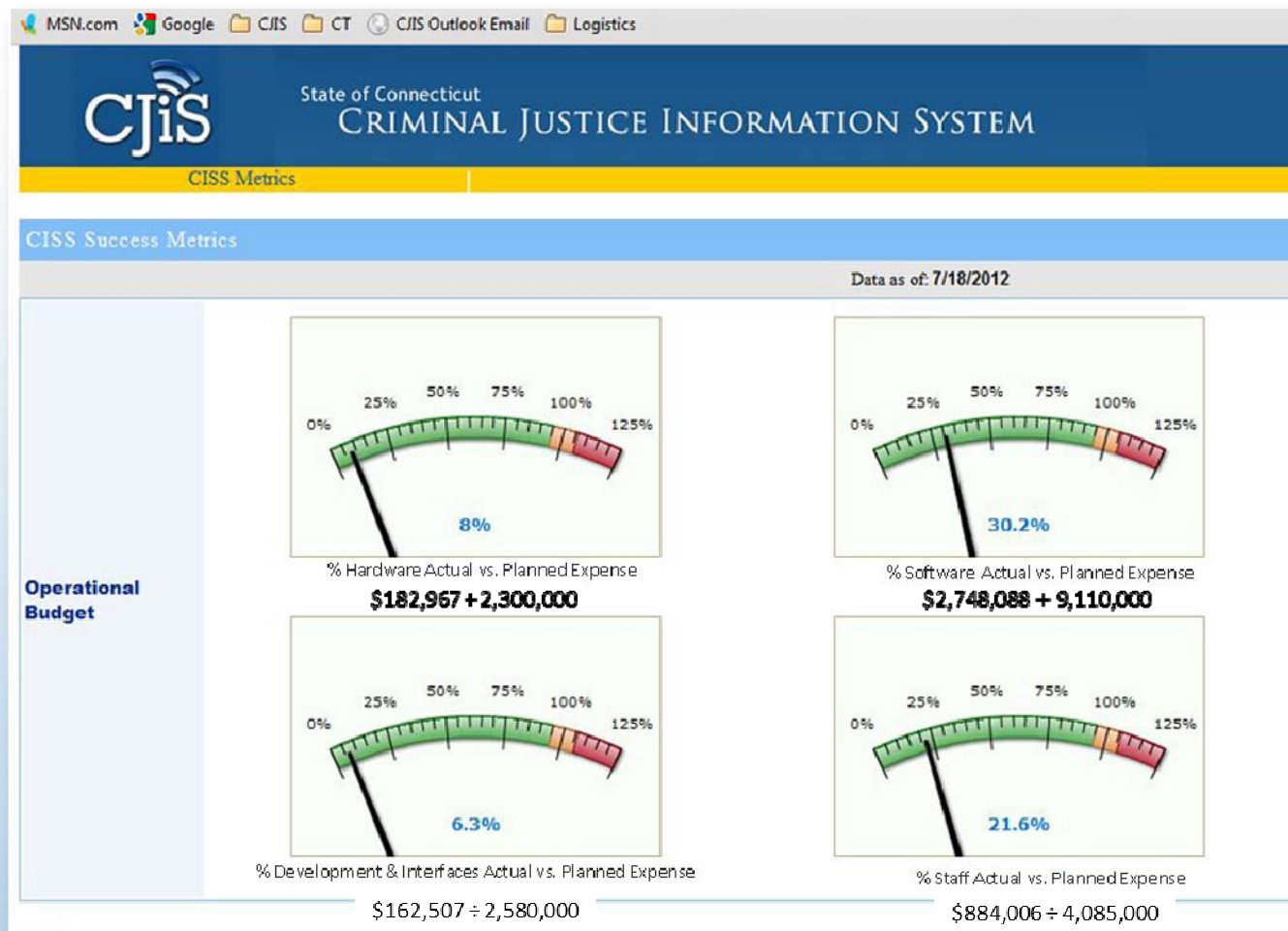


CISS Success Metrics – Phase 1





CISS Success Metrics – Phase 1






CJIS Program Management





CJIS PMO Milestones



 Target Completion Date

PMO Setup	JFM	A	M	J	J	A	S	O	N	D	J	F
3 rd and 4 th Quarter Implementation Schedule	■	■	■	■	■	■						
Develop Quality Management Plan			■	■	■	■	■					
Implement Project Management in Jazz			■	■	■	■						
Update CJIS Security Plan			■	■	■	■	■					
Master Project Plan & Sub Plans: CISS, OBTS, CIDRIS			■	■	■	■						
Service Level Agreement with DAS-BEST				■	■	■						
CJIS GB Strategic Plan			■	■	■							
Risk/Issue Management Plan			■	■	■							



CJIS Communications

Monthly Newsletter Updated

- Plans for links to additional content on website; FAQs
- Links to “white papers” for in-depth information
- Articles from the perspective of CJIS stakeholders

Reporting

- Governing Board: Quarterly Reports & Presentations
- Bi-Annual Reports to the Legislature
- Periodic Presentations to other groups (e.g., CRCOG)

Monthly Project Status Meeting for CISS Stakeholders

- Monthly Meetings on Project Status
- Hands-on Workshops of CISS in Development

Meetings with Stakeholders

- CISS team has met with stakeholders as requested





CISS Business Management

- **Reports and Forms Validation**
 - ▶ Reviewed with all agencies – 5/23/2012
 - ▶ Business Team completed forms mapping – 5/31/2012
 - ▶ Reviewed by DCJ – 6/21/2012
 - ▶ Follow Up Meeting to Finalize – 7/11/2012
- **Field Observations to Learn Agency Business Processes**
- **RMS Vendors**
 - ▶ Validated CT RMS & CAD installations – 4/25/2012 to 6/19/2012
 - ▶ RMS Vendor Meeting to kickoff CISS – 7/10/2012
- **Define & Validate Security Restrictions**
 - ▶ Define based on GFIPM model
 - ▶ Guided workshop sessions to validate with Administrative Committee



CISS Business Milestones

CISS Tasks	May				June				July				
	7	14	21	28	4	11	18	25	2	9	16	23	30
CISS Reports & Forms	█	█	█	█	█	█	█	█	█	█			
RMS Vendors				█	█	█	█	█	█	█			
Agency Field Observations:													
• Local Law Enforcement Bookings				█									
• Local Law Enforcement Ride-Alongs				█	█								
• State Police Ride-Alongs					█	█							
Court Visits										█	█	█	█
Test Strategy & Approach									█	█	█	█	█
Security Restrictions										█	█	█	█




CISS Technology Management

- Defining processes to streamline Agency integration with CISS for Service-Oriented Architecture (SOA) based messaging
- Ordered equipment to support the initial production
Establishing architectures to support a scalable platform
- Configuring the demonstration
- Designing architectures to support the initial development waves and production environments
- Defining the methodologies to integrate agency data with CISS (Static Replication, Dynamic Replication, and Federated Search)
- Develop hands-on workshops for Agency stakeholders



CISS Technology Milestones


 Primarily
 Xerox
 Team


 Primarily
 State
 Team

Phase	MJ	J	A	S	O	N	D	J
Develop logical design	Dark Blue							
Order hardware/software	Dark Blue							
Staffing technical group	Dark Blue							
Develop application life cycle mgmt. methodology	Dark Blue	Dark Blue						
Develop software development life cycle	Dark Blue	Dark Blue						
Develop Service Level Agreement (SLA)	Dark Blue	Dark Blue						
Design and develop CISS success metrics	Dark Blue	Dark Blue						
Develop IEPD templates	Dark Blue	Dark Blue						
Gather IEPD data elements from agencies	Dark Blue	Dark Blue						
Design production architecture		Dark Blue						
Define storage requirements		Dark Blue	Light Blue					
Define network/security requirements		Dark Blue						
Procure storage and network equipment		Dark Blue	Dark Blue					
Define certificate authority model		Dark Blue	Dark Blue					
Configure production environment			Dark Blue	Dark Blue				
Develop workshops for Agency stakeholders				Dark Blue	Dark Blue	Dark Blue	Dark Blue	Dark Blue

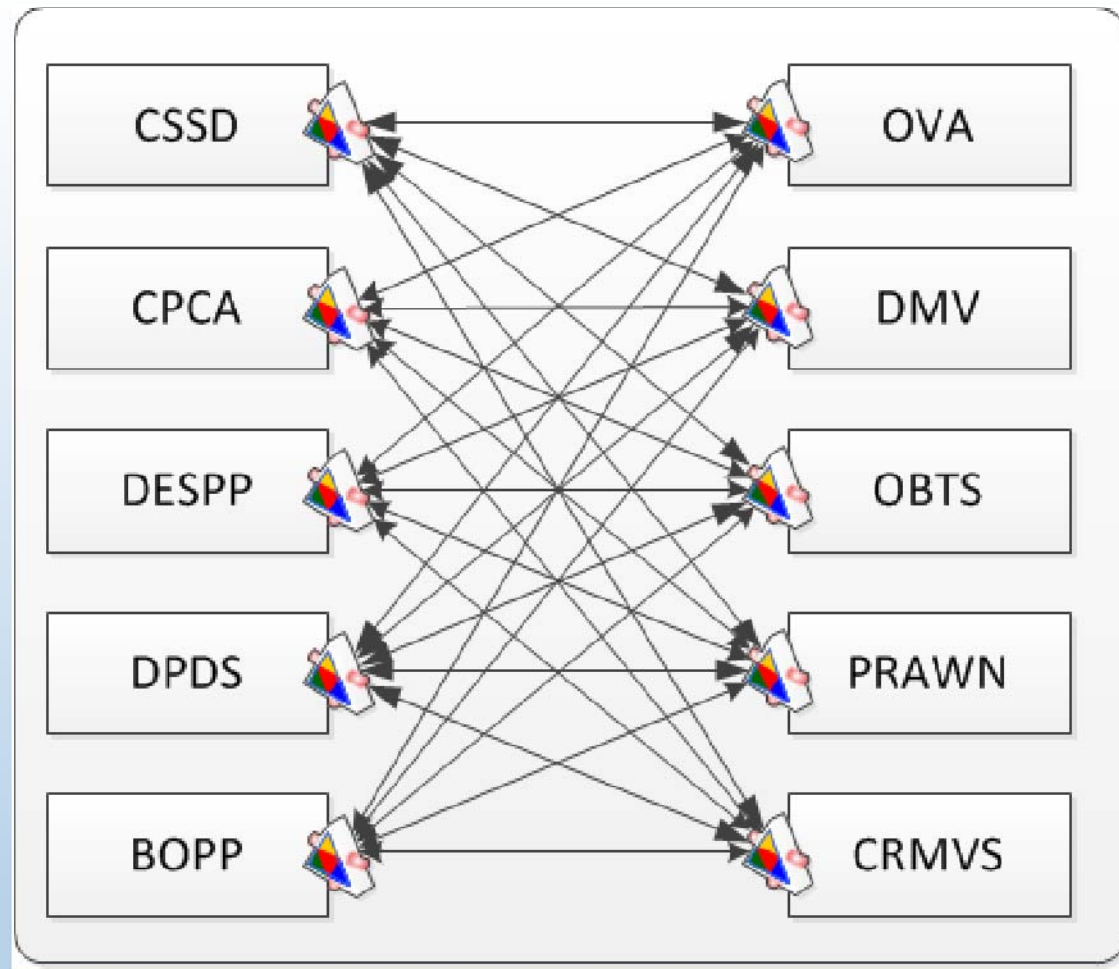


Internal Agency Communication

- Share information with your staff/organization
- We also encourage you to invite your staff to attend meetings

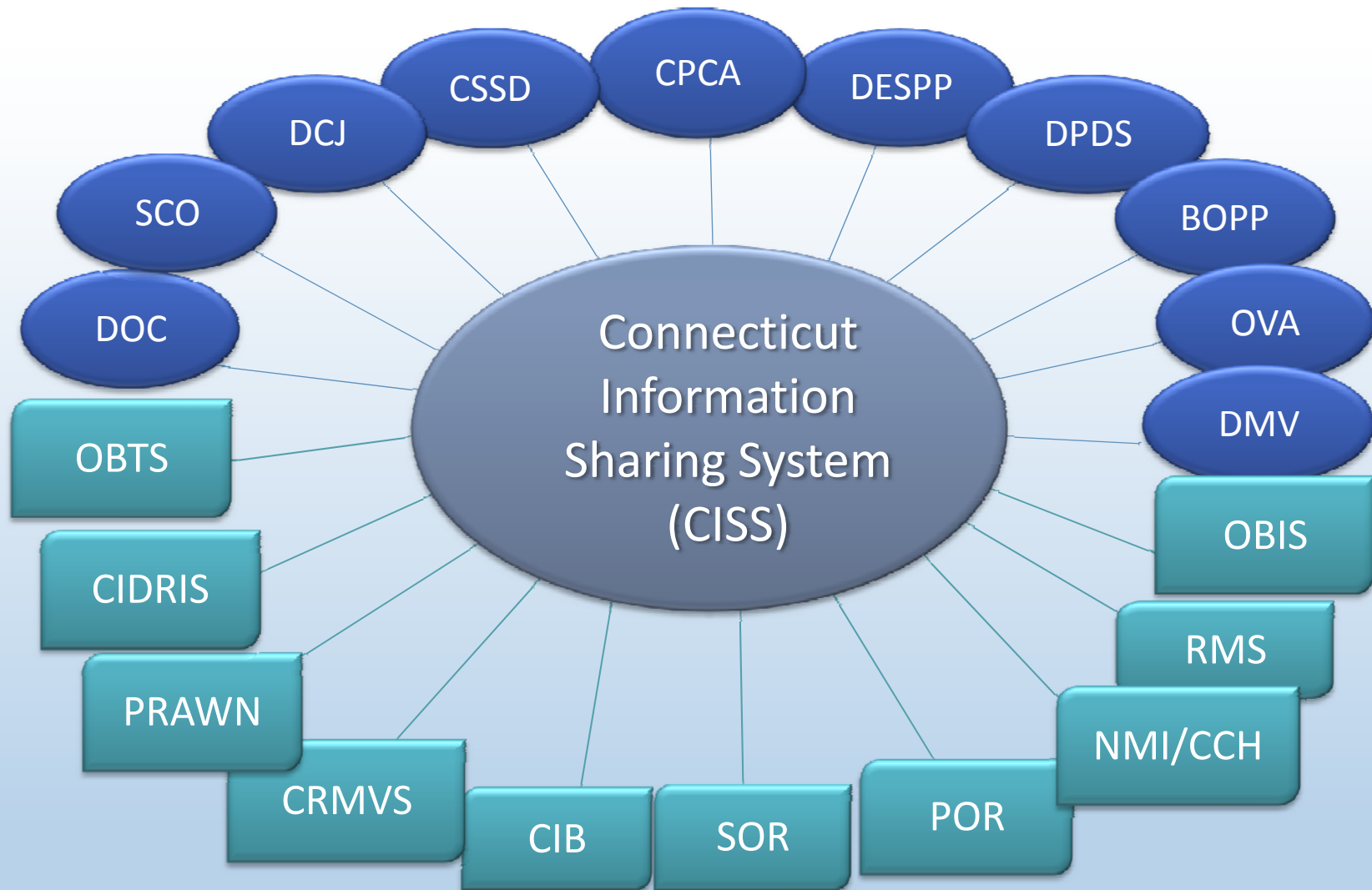
The As-Is View

Communication Spaghetti



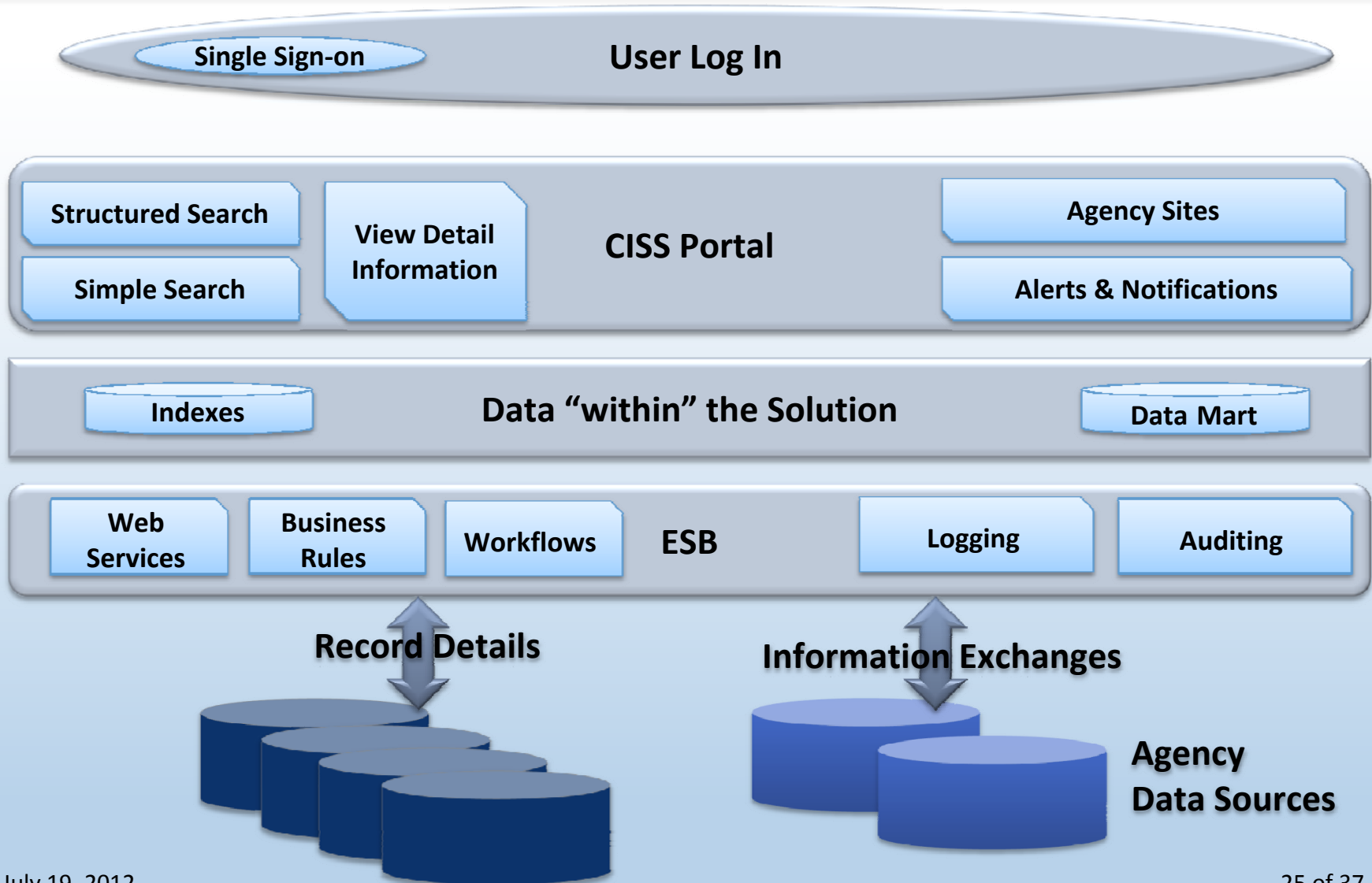


CISS Will Look Like This



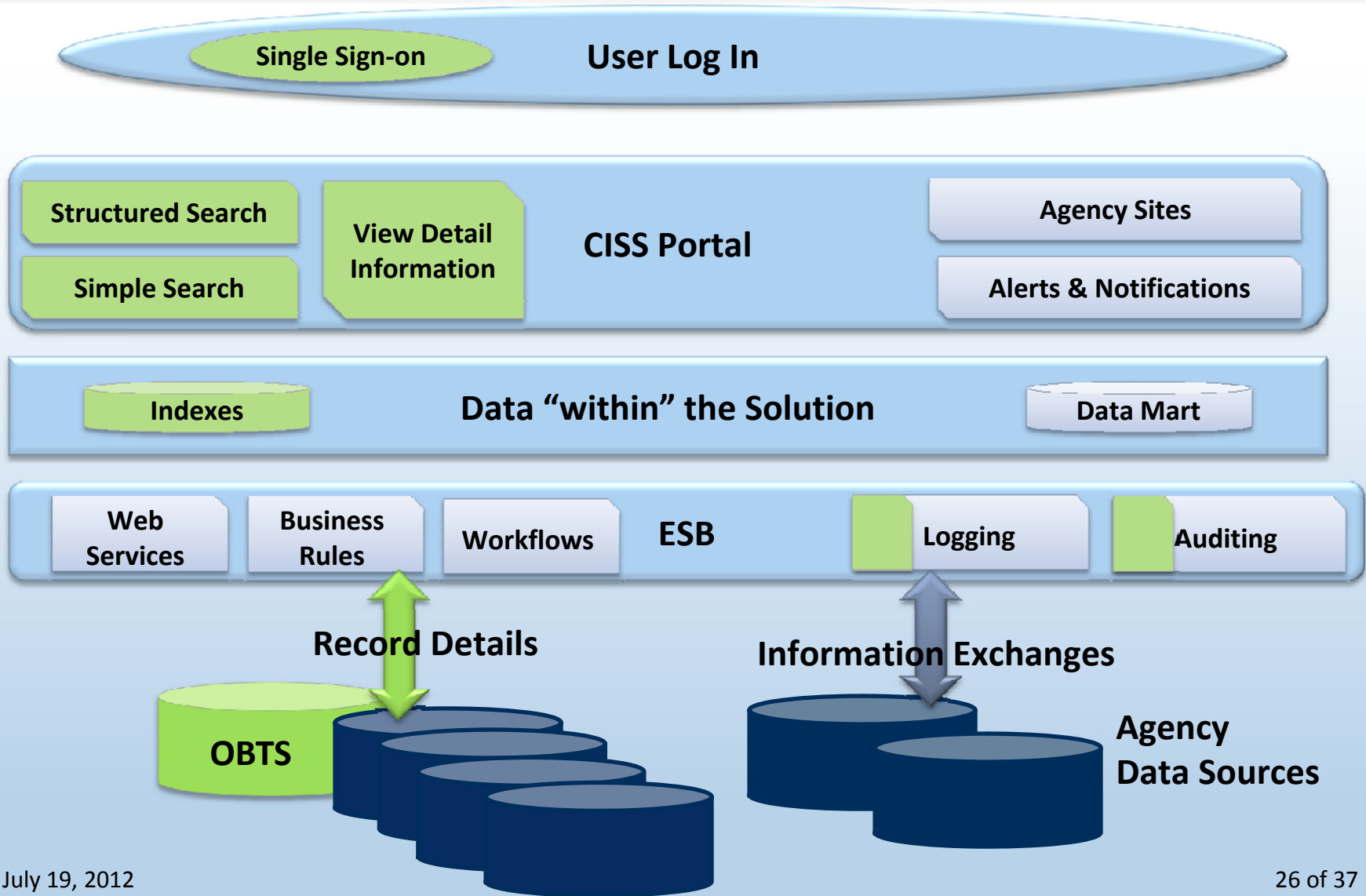


The Big Picture





The Last Three Months




Single Sign-on User Log In

- Structured Search
- Simple Search
- Indexes
- Web Services

- ites
- ifications
- Mart
- Auditing

Sign In



sts.dev.ciss.int

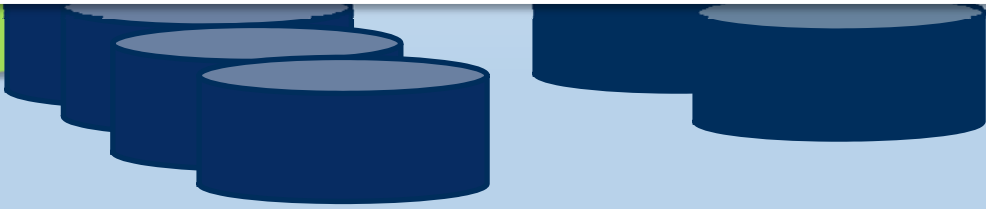
Type your user name and password.

User name: Example: Domain\username

Password:

Sign In

OBTS



Agency Data Sources

Single Sign-on User Log In

Structured Search
Simple Search
Indexes
Web Services
Business Rules

Site Actions ▾
FAST Search ▸ Advanced Search

Purpose:

Reason:

First Name:

Middle Name:

Last Name:

Race:

Height Range: To

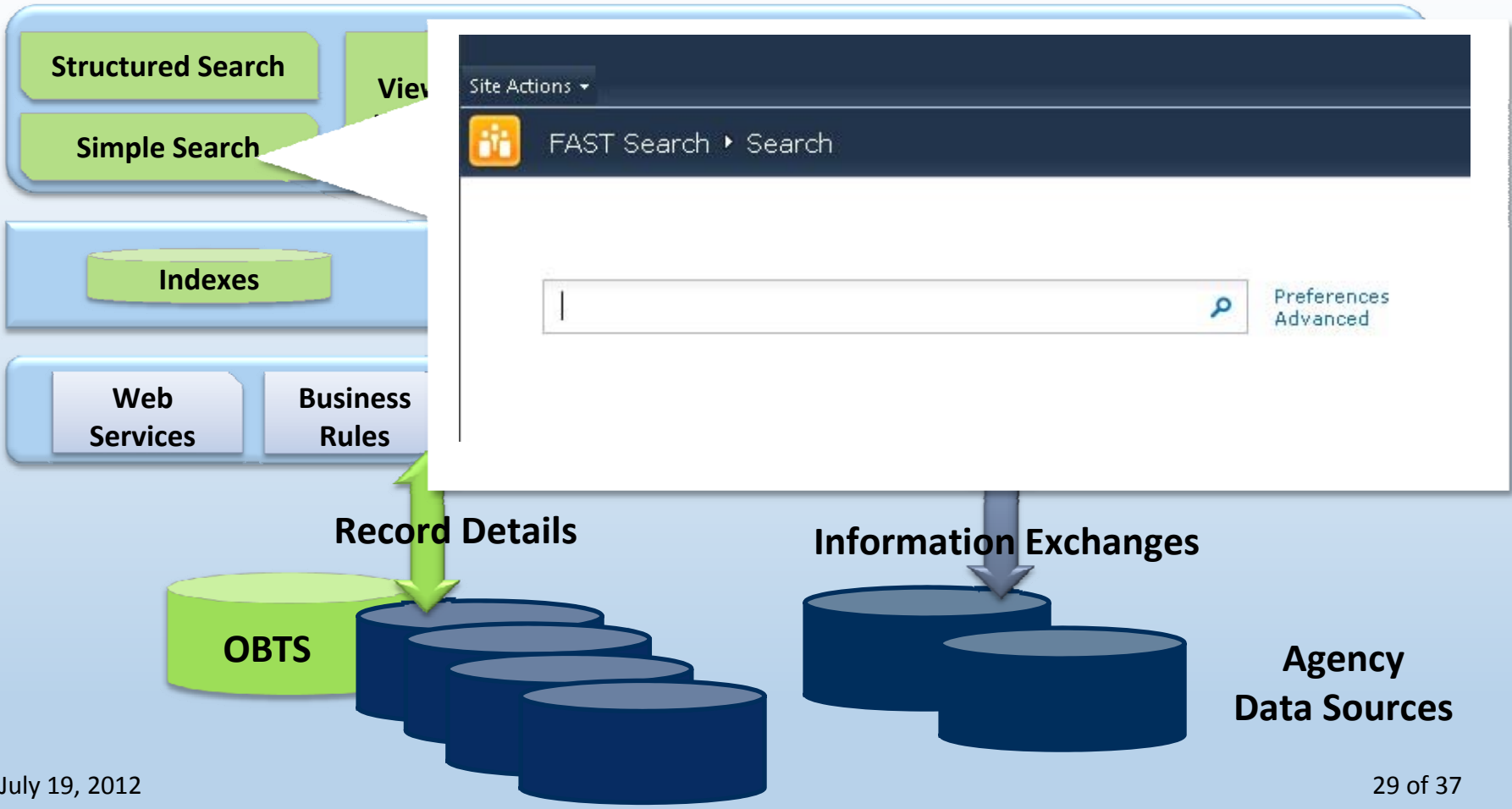
Weight Range: To

...s
...ations
...rt
... Auditing

Record
OBTS

Agency Data Sources

Single Sign-on User Log In



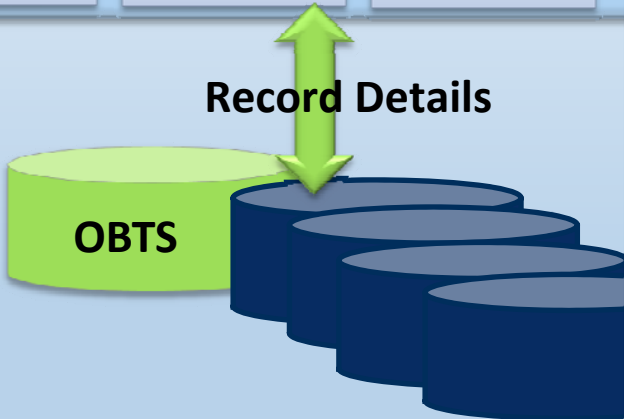


Single Sign-on User

Structured Search View Detail Information
Simple Search

Indexes Data "within"

Web Services Business Rules Workflows



July 19, 2012

Site Actions ▾

FAST Search ▶ Search

Metadata

Message Metadata

Originating System:	SysE
Originating Agency:	Hypothetical Organization E
Agency Contact:	

Data Submitter Metadata

ORI:	DD1234567
Organization Name:	Hypothetical Organization D
System ID:	SysD
First Name:	Michael
Last Name:	Smith
Contact Phone:	3035551212

Data Item Metadata

Data Item Status:	Closed_Case
Dissemination Criteria:	white

Person Detail

PERSON **Tommy Lee Jones**

Identifying Characteristics

Race:	W
Race:	White
Sex:	M
Eye Color:	BLU
Hair Color:	BRO
Height:	601
Weight:	215

ACTIVITY **Arrest**

2012-02-20

Identification:	ID: 123456789
-----------------	---------------

Associated Items

Activity Location:	Location
Related Activity:	Activity
Arrest Subject Person:	Person

ACTIVITY **Offense**

Identification:	ID: 501-3-C
Description:	Promoting Gambling

LOCATION

Location

Street:	123 ABC Street
Unit:	Apt. 12345
City:	Hartford
State:	Connecticut
Country:	United States
Postal Code:	12345



CISS – The Next Three Months

Design Process Continues

- Initial Team Site Design: September Completion

Development

- Initial Search Development: September Completion

Workflows, Searches and Information Exchanges

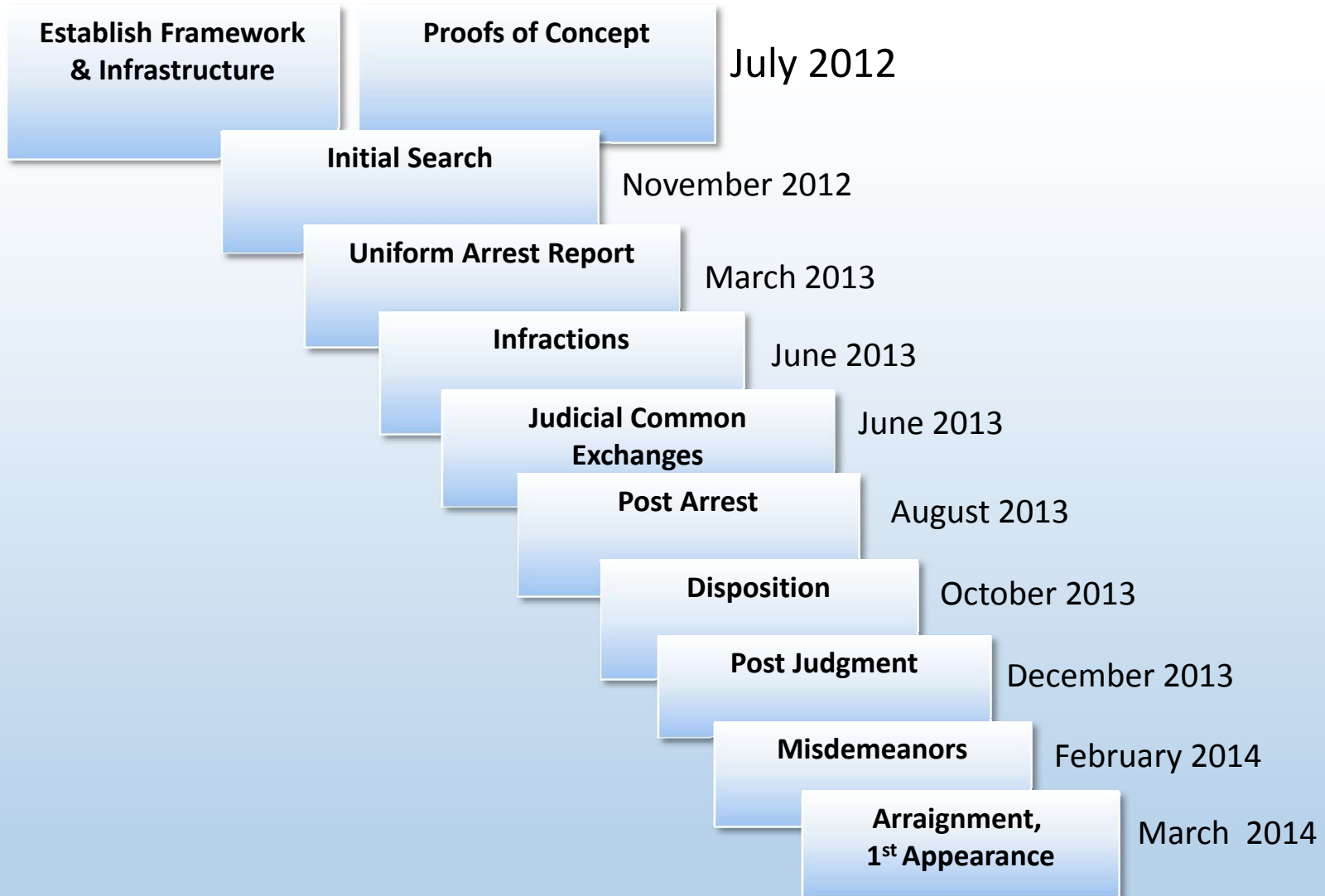
- Facilitating Agency Technical Discussions on Security
- Supporting State Technical Team Knowledge Transfer
- Supporting State Technical Team Development

Project Plan

- Continue to Refine State – Xerox Handoffs



CISS Delivery Sequence





CISS Development Milestones

Phase		JFM	A	M	J	J	A	S	O	N	D	J	F	
Primarily Xerox Team	Infrastructure	█												
	Requirements - Wave 1	█												
	Proof of Concepts Design	█												
	Requirements - Wave 2	█	█											
Primarily State Team	POC Development		█	█	█	█								
	Design OBTS Search		█	█										
	Develop OBTS Search				█	█	█	█						
	Design Uniform Arrest Workflow					█	█	█						
	Acceptance OBTS Search									█				
	Develop UAR Workflow									█	█	█		
	Deploy OBTS Search/Portal											█	█	
	Acceptance UAR Workflow											█		
	Deploy UAR Pilot											█	█	
	Deploy UAR Full											█	█	
	Design Infractions Workflow											█	█	
	Develop Infractions Workflow												█	█
	Acceptance Infractions Workflow													



CISS – The Longer Term View

Functionality to Improve Citizen Safety

- Information Sharing
- Alerting

Functionality to Improve Officer Safety

- Information Sharing
- Access to Better Information

Tools to Save Time and Money

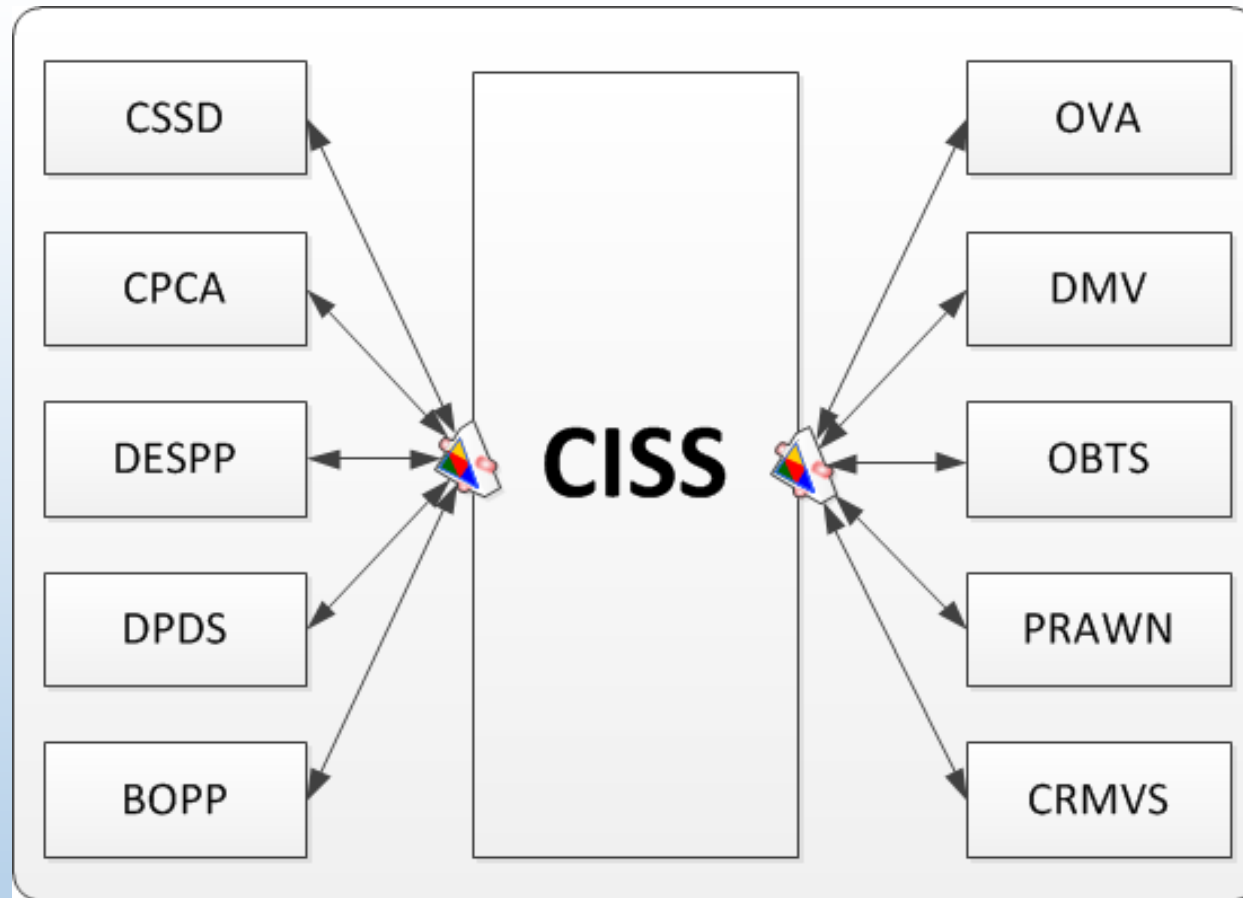
- Less Redundant Work

Tools To Benefit the State In Addition to CISS

- Enterprise Service Bus

The CISS View

Streamlined Information Access





What Does This Mean To You?

- **Requirements Process Continues**
- **Design Process Continues**
 - Ongoing
- **Development**
 - Power User Feedback
- **Workflows, Searches and Information**
 - Exchanges



Feedback

**We need your feedback —
please send us your comments, questions & suggestions.
This presentation will be posted on www.ct.gov/cjis**

Sean Thakkar — Sean.Thakkar@ct.gov

Mark Tezaris — Mark.Tezaris@ct.gov

Rick Ladendecker — Rick.Ladendecker@ct.gov

Nance McCauley — Nance.McCauley@ct.gov

Thank you.



Appendix: Acronyms

AFIS = Automated Fingerprint Identification system
AST = Application Support System
BEST = Bureau of Enterprise Systems and Technology
BICE = Bureau of Immigration and Customs Enforcement
BOPP= Board of Pardons and Paroles
CAD = Computer Aided Dispatch
CCH= Computerized Criminal History
CIB = Centralized Infraction Bureau (Judicial)
CIB = Centralized Infractions Bureau
CIDRIS = Conn. Impaired Driver Records Information System
CIVLS = CT Integrated Vehicle & Licensing System
CJPPD = Criminal Justice Policy Development and Planning Division\
CMIS = (Judicial's) Case Management Information System
COLLECT = Connecticut On-Line Law Enforcement
Communications Teleprocessing network
CPCA= Conn. Police Chiefs Association
CRMVS = Criminal and Motor Vehicle System (Judicial)
CSSD =Court Support Services Division
DCJ = Division of Criminal Justice
DAS = Dept. of Administrative Services
DESPP= Department of Emergency Services & Public Protection
DEMHS = Dept of Emergency Management & Homeland Security
DMV= Dept. of Motor Vehicles
DOC= Department of Corrections
DOIT = Dept. of Information Technology
DPDS= Div. of Public Defender Services
IST = Infrastructure Support Team
JMI = Jail Management System
JUD = Judicial Branch

LEA = Law Enforcement Agency
LAW = Local Law Enforcement (e.g., DPS, CPCA)
LIMS = State Crime Laboratory Database
MNI = Master Name Index (State Police)
OBIS = Offender Based Information System (Corrections)
OBTS = Offender Based Tracking System
OVA= Office of Victim Advocacy
OVS = Office of Victim Services
RMS = Records Management System (Police Agency RMS
manages & stores info on arrests, incidents)
OSET = Office of Statewide Emergency Telecommunications
POR = Protective Order Registry (Judicial)
PRAWN = Paperless Re-Arrest Warrant Network (Judicial)
PSDN = Public Safety Data Network
SCO= Superior court operations
SOR = Sex Offender Registry (Judicial)

Technology Related

COTS = Computer Off The Shelf (e.g., software)
IEPD = Information Exchange Package Delivery
POC = Proof of Concept
SDLC = Software Development Life Cycle
SOA = Service Oriented Architecture