

Why We're Here ...

Law Enforcement Officers Killed and Assaulted

In October 2016, the FBI released its national statistics on law enforcement officers killed and assaulted in 2015. The report is a stark reminder of the dangers involved in the law enforcement field and the precarious situations that police men and women face each day in order to protect the general public.

The CJIS Governing Board, Connecticut's Criminal Justice Agencies and its Law Enforcement Agencies remain fully engaged in the execution of the CISS application. The Board is overseeing the implementation of workflows and search releases that will offer more valuable information quicker for better decision making that can translate to improved safety for the "boots of the ground". The recent attacks on law enforcement officers in 2016, makes us all aware of the need for higher levels of security and much needed technological advances

to help share criminal justice information with decision-makers.

The following statistics were taken from the FBI National Press Office's October 18, 2016 press release of its Law Enforcement Officers Killed and Assaulted (LEOKA) study. The full report can be found at <https://ucr.fbi.gov/leoka/2015>

"According to statistics collected by the FBI, 86 law enforcement officers were killed in line-of-duty incidents in 2015. Of these, 41 law enforcement officers died as a result of felonious acts, and 45 officers died in accidents. In addition, 50,212 officers were victims of line-of-duty assaults.

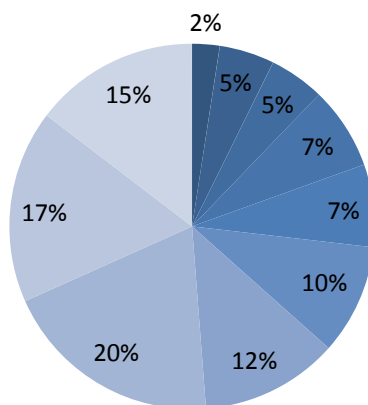
The average age of the officers killed feloniously in 2015 was 40, and the average length of service was 12 years.

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41 Officers Feloniously Killed in 2015

Circumstances at Scene of Incidents

- Investigative activity: 1
- Handling persons with mental illness: 2
- Handling prisoners: 2
- Unprovoked attacks: 3
- Domestic disturbance calls: 3
- Ambushes: 4
- Arrest situations: 5
- Suspicious persons: 8
- Tactical situations: 7
- Traffic pursuits/stops: 6



CJIS Governing Board

Revolutionary Technology Linking
Connecticut's Criminal Justice &
Law Enforcement Community
October 2016 Vol. 5 No. 4

www.ct.gov/cjis

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~ Meetings ~

CJIS Governing Board Quarterly Meeting

January 26, 2017 at 1:30 pm
Office of the Chief State's Attorney
300 Corporate Place in Rocky Hill

CISS Status Meeting

February 1, 2017, at 1:00 - 3:00 pm
99 East River Drive, 7th floor, Room 707
East Hartford

CJIS Project Management Update

The Connecticut Information Sharing System (CISS) is designed to improve information sharing throughout the state's criminal justice community. CISS, once implemented, will result in increased public and officer safety by providing additional and improved information faster to criminal justice staff and management when needed for better decisions. A key factor in the successful development, testing and implementation of CISS is the ability to be customer centric. The CJIS PMO must ensure that our stakeholders are at the center of decision-making on how to best implement CISS. With this in mind, the CJIS PMO is working with each stakeholder to confirm the existing CISS schedule, scope, implementation and to define guiding principles for successful implementation of CISS. CJIS is expecting to re-optimize the schedule with stakeholders', Xerox's and CJIS management's input shortly in order to realign and adjust the work for successful implementation of CISS Phase-1. Below is the current project schedule for each release of CISS.

- **Release 1 – Search – Paperless Re-Arrest Warrant Network (PRAWN) & Offender Based Information System (OBIS), Portal 1 User Interface (UI)**

This release is in Production. Five remaining “deferred” items have been reviewed by CJIS. Three will result in new change requests, while two are still under further review.

- **Release 2 – Workflow – Uniform Arrest Report (UAR) & Misdemeanor Summons – Notices – Web UI Portal**

This release is also in production. Four issues were reported in September, two of which were resolved. The remaining two are in progress towards resolution with Xerox and CJIS activities.

- **Release 3 – Search – Protective Order Registry (POR) and Criminal Motor Vehicle System (CRMVS)**

Late breaking issues were presented from Stakeholders, but CJIS User Acceptance Testing (UAT) was completed at the end of October. Coding efforts are underway to resolve the 12 resulting change requests. Xerox continued to provide support while preparing estimates for the change requests. Deployment to production is TBD. CJIS Quality Assurance (QA) and Xerox QA regression testing is ongoing to validate fixes through promotion to UAT.

- **Release 4 – Workflow – UAR and Misdemeanor Summons Workflow**

All component development efforts are underway for the Xerox scope of work. CJIS and Xerox have recognized key touchpoints in the development process where it will be critical to test end-to-end workflows. Development will continue to March 2017. In the next 90 days the code will be adjusted to the new file layout from CRMVS, while the team supports Stakeholder business process changes. The CJIS team will continue developing a process that follows a “Day in Court” for data that will be sent to Agencies.

- **Release 5 – Search – Records Management System (RMS), Electronic Content Management (ECM) and Event Notifications**

Development for Release 5 will commence once Release 4 is further along and will continue to June 2017.

- **Release 6 – Search – Centralized Infractions Bureau (CIB), Department of Correction (DOC)/Board of Pardons and Paroles (BOPP) Case Management, Department of Motor Vehicles (DMV)**

CIB and DOC/BOPP Case Management are in development and on target. Development will continue

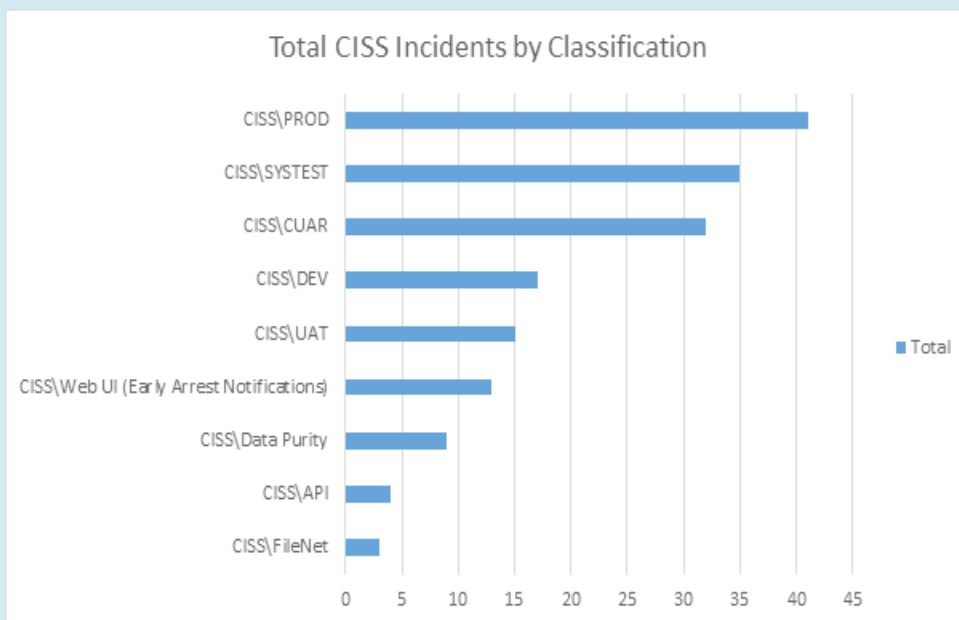
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CJIS Help Desk Update

The primary purpose of the Help Desk is to track and address incidents and service requests related to the various CJIS Governing Board applications; Connecticut Information Sharing System (CISS), Offender Based Tracking System (OBTS), Connecticut Impaired Driver Records Information System (CIDRIS), Connecticut Racial Profiling, CT: Chief hosting and stakeholder SharePoint sites. The Help Desk is designed to respond quickly and effectively to end user issues and keep customer satisfaction a top priority. The CJIS Help Desk can be reached via phone at 860-622-2000 or via email at DOIT.CJIS.Support@ct.gov

- Work is being done on the automated version of the CISS User Authorization Request (CUAR) process for CISS user application. The electronic version is slated to be ready for Release 6, when it's estimated that a large percentage of CISS users will come on board. This secure self-service option will allow users to sign-up online.
- Recently the Help Desk Team instituted a temporary adjustment to the manual CUAR process to streamline procedures while the automated version is in development. Community Agency Administrators (CAAs)

have been temporarily relieved of their role in the process, while the Help Desk and Operations teams have taken over the responsibility for user account creation, training, enrollment, administering RSA tokens for second factor authentication, and lastly, the administration of Global Federated Identity and Privilege Management (GFIPM) claims. This more fluent manual process is saving time and effort in establishing new CISS users by focusing administrative efforts within the Help Desk Team instead of the CAAs.



- The team is also making modifications to the email notifications that are being disbursed when new users are on boarded. The revisions will provide clarity to those users that are new to CISS.

The bar graph to the left reflects all CISS Incidents reported from the project onset up to and including 11/17/16.

CJIS Training and Connectivity

Having both on-street experience in law enforcement and technical experience in the PD, the CJIS Public Safety Liaison (PSL) serves as the point of contact for CT police departments and the CISS project. The position requires site visits in tracking router acquisition and setup assistance for connectivity to CJIS applications via the PSDN. Additionally, the PSL is the voice of Law Enforcement at CJIS, bringing the Law Enforcement Officers' (LEAs) day-to-day operations perspective into the CJIS applications. The PSL is also the trainer who oversees and runs Offender Based Tracking System (OBTS) and CISS User Training classes.

The PSL is working with the CJIS Technical Team to write the technical requirements for the Records Management System (RMS) certification process for RMS vendors coming into CISS. These include the technical specifications and guidelines for RMS vendor integration required for multiple levels of CISS Certification.

Site visits to the East Hampton, Plymouth, Guilford, Clinton and Milford Police Departments (PDs) have taken place to assist with connectivity to the CJIS network.

The PSL is working with the CISS User Authorization Request (CUAR) Automation Team for the development of the automated process of applying for CISS access and training.

CISS presentations were delivered to the Connecticut

Police Chiefs Association (CPCA) during the Western Region CPCA Meeting and the Law Enforcement Council Meeting. Updates on the CISS timeline, PD router connectivity, RMS certification, training and resource needs were discussed.

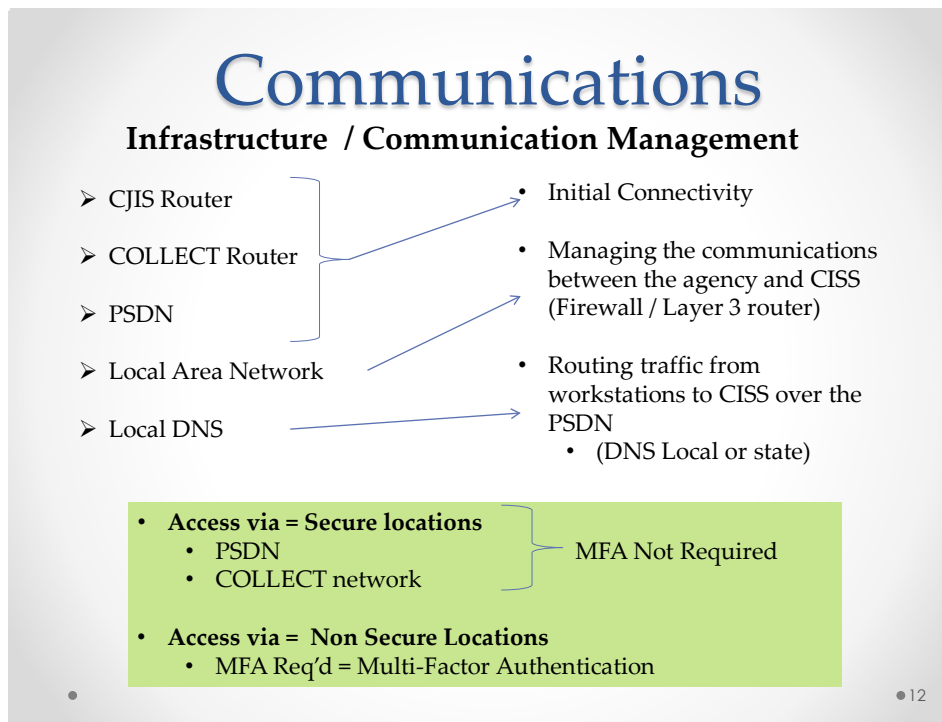
Offender Based Tracking System (OBTS) training was conducted in October with ten new users trained.

The PSL worked directly with the testing team at Judicial on defect testing and resolution in

CISS User Acceptance Testing (UAT).

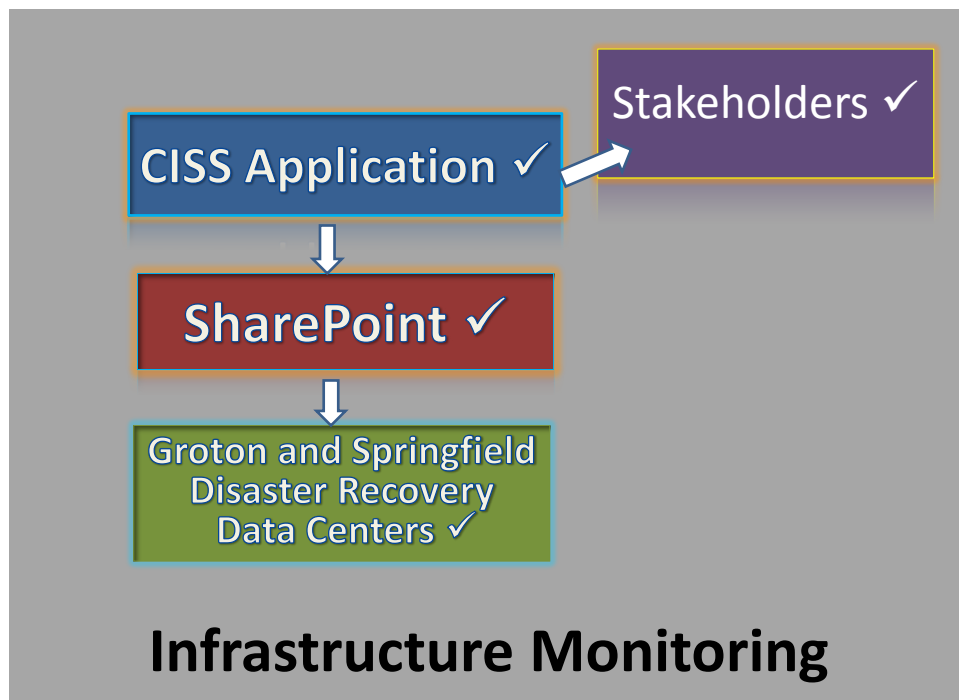
Continued work is also being done with the Traffic Records Coordinating Committee (TRCC) on their data sharing.

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CJIS Infrastructure Update

The Infrastructure Team is responsible for design, architecture, engineering, monitoring and support of all layers of the Enterprise IT environment, which consists of physical and virtual resources, software applications and services. The Infrastructure Team's goal is to make sure industry standards and best practices are in place while managing the complex environment necessary to produce the high level of automation needed for the CISS application.



The graphic to the left shows that monitoring systems are in place for the CISS application, SharePoint and the Data Centers. As the application is being built the Infrastructure Team also monitors how Stakeholders receive and view data.

- Disaster Recovery planning includes expanding of the CJIS infrastructure to a second Data Center, resulting in improved availability, reduced downtime and performance load balancing.
- The new Help Desk Portal deployment is in progress, which allows users to access it from any device including smartphones.
- The new SharePoint portal was deployed for the Johnson cold case per request by the Division of Criminal Justice (DCJ).
- The team is researching new options to move the infrastructure towards a Software Defined Data Center to become a trusted service provider for the criminal justice community.
- Comprehensive availability and performance monitoring of the CISS Search Portal from the customer perspective has been introduced.
- Automated performance reporting and baselining across the server infrastructure is in place. Improving overall monitoring quality of the infrastructure is ongoing.
- The process of further optimizing infrastructure performance and stability is also ongoing.



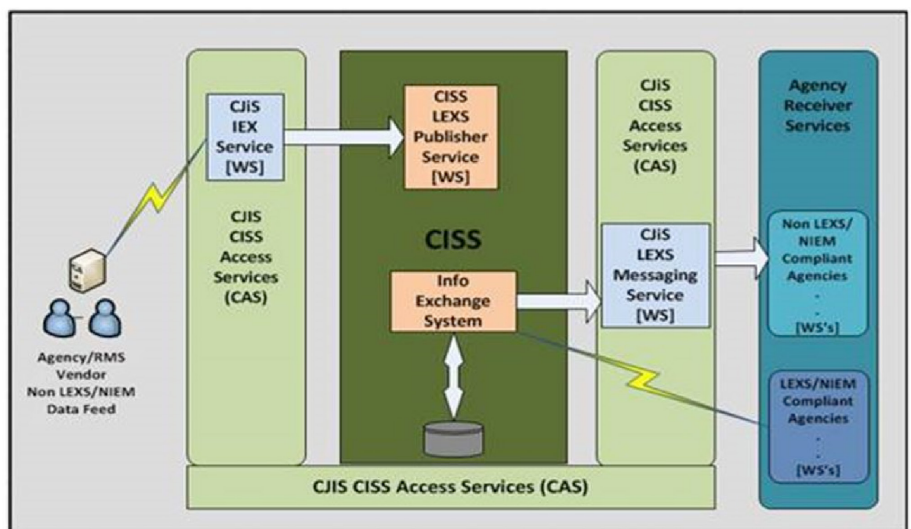
CJIS Application Programming Interface (API)

The CJIS Development Team designs and codes software components that augment the core CISS software developed by the Xerox CISS Development team. The team is staffed with software architects and developers.

- The combined requirements for Workflow - Release 4 and 8 delivery scope were documented and reviewed.
- Collaboratively with the CJIS Business Analyst (BA) team and Xerox, the Development Team reviewed and adjusted message LEXS mapping specifications. LEXS schema provides for a standardized record format.
- The granular work breakdown and task estimates for Workflow - Release 4/8 were completed.
- The team worked with the Department of Motor Vehicles (DMV) to specify, build, and test a new mainframe hosted web service to support license status searches.
- Continued production support for Workflow - Release 2 is being provided.
- The formal scope and guidelines for RMS vendor integration required for multiple levels of CISS Certification is currently being written.
- The team is working to deliver new

versions of the Information Exchange (iEx) Service API documents to guide vendors and Agencies through integration with Workflow - Release 4 and 8.

- Work is taking place with Stakeholders and Xerox to redefine message contents to match requirements for Release 8 data production and consumption.
- Next month the team will begin construction of new message components for Workflow Release 4/8.

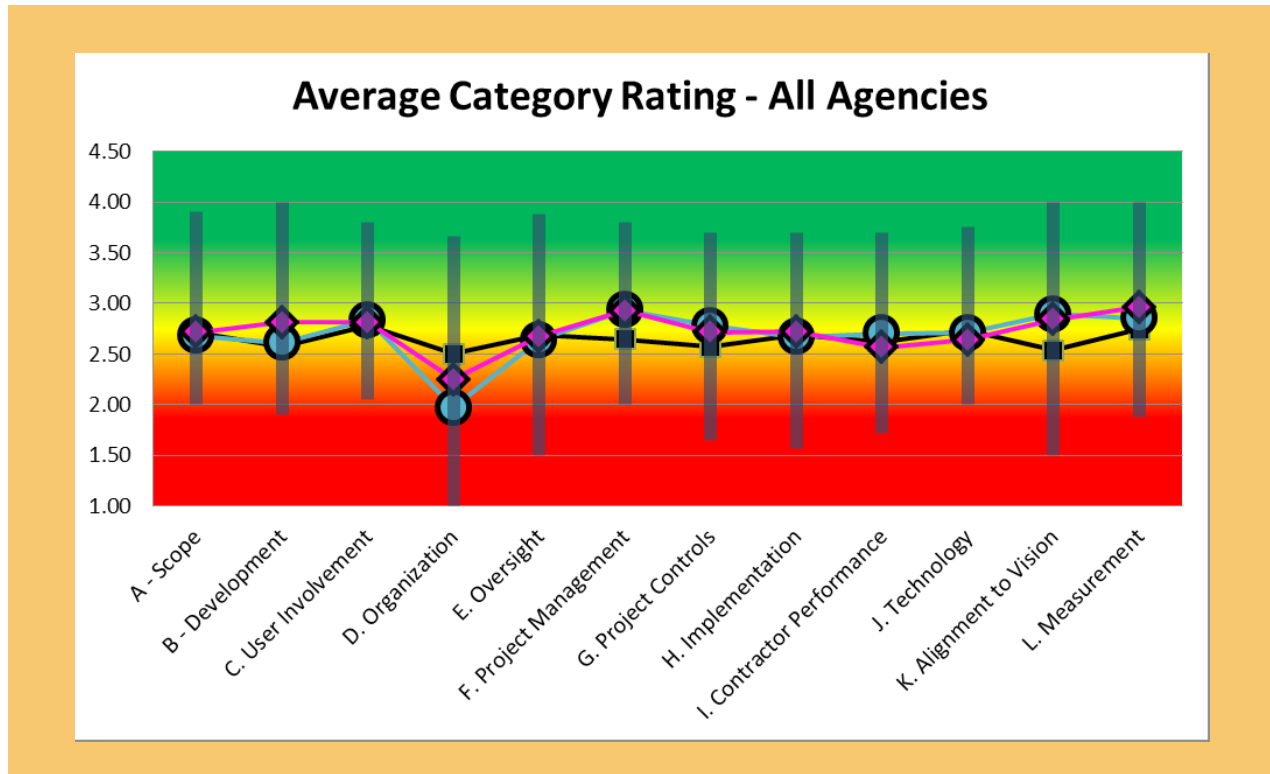


For more information on CJIS and CJIS publications, go to www.ct.gov/cjis

The graphic above depicts the Overview of Information Flow (through Exchanges/ Services). The messages or arrest submission from RMS vendors are sent to the Criminal Justice Agencies via services which perform the validation of data and store the arrest data for future reference.

Project Health Check Report

Qualis Health was contracted by the State of Connecticut to provide a Quarterly Project Health Check Report to the CJIS Governing Board concerning the implementation of the CISS project. Health check reports are the culmination of surveys and on-site interviews with stakeholder Agencies, the CJIS Project Management, and Xerox. The data is perception driven, based on how the Agency participants respond to the questions asked.



Overall Project Health

Stakeholders have retained their belief in the CISS project and are actively engaged even though they feel the pressure of the budget cuts and having to do more with less. The project is in one of its most active periods with maintaining operational support for Releases 1 and 2 while other releases are in various stages of user acceptance testing, development, and requirements gathering all at the same time.

<i>Overall Project Health (+.03)</i>	
<i>Last Year Score</i>	2.65
<i>Last Quarter Score</i>	2.69
<i>Current Quarter Score</i>	2.72
<i>This score is calculated by averaging Agency responses across all categories.</i>	

Agency Overview

The slight rise in the project health score reflected that

(Continued on Page-10)

(CISS Project Management, continued from Page-3)

until January 2017. DMV Driver (current and historical data) development had a 17-week late start due to replica and design changes. DMV Vehicle (registration) source replicas, alert triggers (source and method) and updated design approvals must be complete before development on the Vehicle search source can start. Replication activities with DMV for Vehicles data will continue through the next 90 days. CJIS QA is working with Xerox QA to establish the general structure for Jazz test case / test script creation.

• Release 7 – Search - Infractions Documents

Project Management submitted a change request that will convert this release from a workflow to document search and retrieval. A requirements session was held in October, and once requirements gathering is complete, Xerox can assess the schedule and cost impact of this change through the remaining Software Development Life Cycle (SDLC) gates. A design session will be held in December (date TBD), and also a meeting with Fairfax to start web service development. Development will be started if possible.

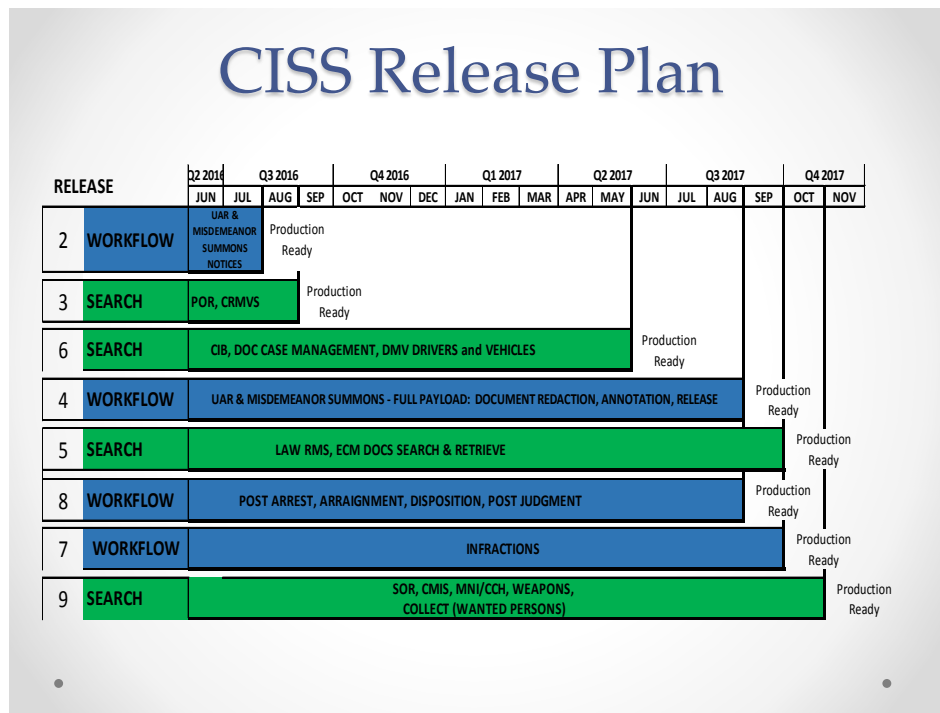
• Release 8 – Workflow - Post Arrest/ Arraignment/ Disposition/Post Judgement

Design approvals were received in mid-August. Development has started with some dependencies on Release 4 and will continue through April 2017.

• Release 9 – Search – Sex Offender Registry (SOR)/ Wanted/Case Management Information System (CMIS) (Judicial) / Master Name Index (MNI) / Computerized Criminal History (CCH) / Weapons

CT On-Line Law Enforcement Communications Teleprocessing System (COLLECT) (Wanted Persons) was the subject of a September walk-through. Reporting and analytic requirements sessions were introduced in September and multiple sessions with Stakeholders were scheduled. The team completed re-

quirements for the Wanted file. The finalized FBI Wanted Data Request Document was sent to the FBI by the Department of Emergency Services and Public Protection (DESPP). Replication for CMIS, SOR, MNI/CCH, Weapons and Wanted will begin over the next 90 days along with design sessions.



(Project Health Check Report, continued from Page-8)

Agencies have come to terms with planning with fewer resources, and that the budget cuts although difficult are manageable. Agencies want to see full implementation of all data and workflows so that end users will not have to utilize two systems. There is some concern that project scope will be cut if the timeline extension isn't approved and the Xerox contract isn't extended.

- Agencies found the previous data sharing workflow diagram useful but request an update to that document. This update will detail which data will be available in CISS (source, with high-level description) and which Agencies will use each data set and for what purpose. Stakeholders believe this documentation will refocus partner Agencies on why this project is so important and demonstrate the usefulness across the entire criminal justice community.

Xerox Overview

- Agencies and Xerox are also still worried about the timeline for the testing process. Agencies want more access to test case planning and earlier testing. Agencies also want to open and close related defects directly with Xerox.

CJIS Project Management Overview

- Because Agency related work such as new source system completion and impacts from limited resource availability add significant delays to the current schedule, CISS Project Management will work with Xerox and Agencies to compile a more realistic and complete project timeline. The schedule and associated work will be vetted with Agency resource availability to ensure a viable timeline for all involved. The schedule will align with the Project Resource Plan that is being updated with each Agency. Project issues and roadblocks that cannot be resolved will be quickly escalated to the Governance Committee for prompt resolution. Filling the Executive Director position will help resolve escalated items more quickly.

CJIS Academy



OBTS Classes

CJIS offers certification classes three times a year for the Offender Based Tracking System (OBTS). The classes for 2017 will be conducted at 99 East River Drive, 7th floor, East Hartford, CT 06108. For more information and to sign up, visit the **CJIS Academy Website**

The CISS training and classes will be posted through the CJIS Academy. The Learning Management System (LMS) and Computer Based Training (CBT) systems are in place.

OBTS will continue until all of OBTS functionality is incorporated into CISS. Until then, CJIS will be conducting OBTS Certification classes on the date below. Upon request, CJIS will hold OBTS Certification classes for law enforcement agencies that can sign up a minimum of ten students. The classroom must have computer work stations.

CJIS Support Group: 860-622-2000

CJIS Website: www.ct.gov/cjis

OBTS Certification 2017 Class Schedule

- Wednesday, February 15th - 9am to 12pm
- Tuesday, June 13th - 9am to 12pm
- Thursday, October 19th - 9am to 12pm

(Why We're Here ... Law Enforcement Officers Killed and Assaulted, continued from Page-1)

Of the 41 officers feloniously killed, 38 were male and three were female. More than half—29—were on vehicle patrol when the incidents happened. Thirty-eight of these 41 officers were killed with firearms, and 30 of those were wearing body armor at the time.

Law enforcement agencies identified 37 alleged assailants in connection with the felonious line-of-duty deaths. Thirty-one of the assailants had prior criminal arrests, and nine of the offenders were under judicial supervision at the time of the felonious incidents."

It's in these settings that a CISS-type application would support and strengthen the awareness and the overall activities of the officers and agencies involved. Gathering and sharing of criminal history data regarding suspects, vehicles, locations and circumstances streaming from the same source saves time and can save lives, especially if source data is in near real time. Accessing near real time data flow which CISS will provide at full implementation will offer state law enforcement the most up to the minute information available.

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(Training and Connectivity, continued from Page-5)

- The PSL worked on data sharing with the newly formed Transportation Safety Data Linkage Committee.
- Continuing work is being carried out with Accucom PDs to complete their final connectivity for Release 2 - Early Arrest Notification message transmissions. The Weston, Torrington, Thomaston and Easton PDs are currently being connected, while Old Saybrook PD is slated for their PSDN connection this month.
- The PSL attended the TAC officers training meeting at DESPP to keep up with current TAC officers Training

CISS Workflow Update

The "workflow" portion of the CISS project refers to the flow of criminal justice data initially entered by law enforcement agencies into their RMS systems which interface with CISS. The data flows through the CISS application and is dispersed to, or can be accessed by several divisions within the Judicial Branch, the Division of Criminal Justice, the Public Defenders offices, the Department of Correction, and the Board of Pardons and Paroles. It also addresses rolling CISS out to CJIS communities and the impact it will have to their daily business procedures. Once Releases 4 and 8 go into production, the community can leverage CISS to augment or replace their existing paper systems, and pass information electronically rather than by carrying paper forms between locations. To learn how CISS will affect existing systems, CJIS staff members are visiting local and state police departments, Court Clerks, State's Attorneys and others in the "work stream" that CISS affects. The team is charting each office's work processes and documenting where CISS can be used in those processes, along with the issues that will have to be resolved to best use its new electronic information capabilities. As CISS is rolled out, the team will work with each police department, each courthouse, each prosecutor's office and with each other CJIS Agency that can leverage CISS to design and manage the change that CISS's introduction will bring.

and Requirements.

- Work is being done with five PDs that have router purchases pending, while ongoing efforts are being made with PDs that have not yet purchased routers. New Milford PD is the most recent to be confirmed as having purchased their router.
- The PSL has been recertified as a POST instructor for OBTS and CISS through November 2017.

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