



CJIS CT Information Sharing System (CISS)

Criminal Justice Policy Advisory Commission

CJPAC Meeting April 29, 2021



CISS Update

CISS INTRODUCTION & OVERVIEW

- Remarks from Judge Patrick Carroll, III CJIS Governing Board Co-Chair
- CJIS Executive Director
 - CJIS Background, Strategy, Goals, & Progress
- CISS Search and Workflow
 - "Google Like" SEARCH
 - Digital Workflows
- Data Mining & Analytics



Connecticut Information Sharing System (CISS) Overview

- CISS is the system that CJIS was charged with building to comply with state statute CGS § 54-142s
- To be used by Connecticut Criminal Justice and Law Enforcement Agencies (LEAs) to share criminal justice information in a secure environment.
- Thereby enhancing the safety of the public and criminal justice community through informed decision-making.
- Additionally, CISS has created digital workflows for the Uniform Arrest Report package to replace the paper-based workflows statewide in line with Governor Lamont's vision for "digital government".
- MTG Management Consultants estimated efficiency improvements of at least \$15.5M (2008) in Connecticut criminal justice systems.



CISS Empowers Users By Providing...

> Search

"Google like Search" allows users to search 14 Criminal Records
 Source Systems for people, locations, events, and property within
 a single common portal.

> Workflow

- Arrest paperwork sent electronically to the courts & agencies
- Through CISS electronic Information Exchanges, it replaces much of the manual delivery of documents and data that occurs today.

> Analytics

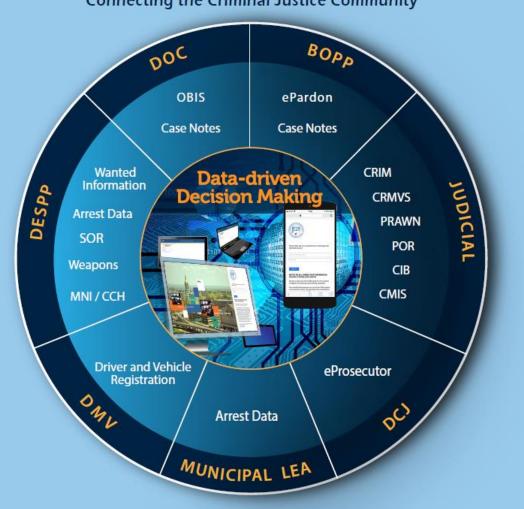
 Canned and custom reports, Dashboards, Key Performance Indicators, Notifications, etc. for improved decision making in near real-time.



CISS Search

14 Criminal Records Source Systems for people, locations, events, and property within a single common portal.

The Connecticut Information Sharing System (CISS) Connecting the Criminal Justice Community



CJIS Community Partners

- Board of Pardons and Paroles
- Connecticut Police Chiefs Association (Local Police)
- Department of Administrative Services / Bureau of Enterprise Systems and Technology
- · Department of Correction
- Department of Emergency Services and Public Protection
- Department of Motor Vehicles
- Division of Criminal Justice
- Division of Public Defender Services
- Judicial Court Support Services Division
- Judicial Superior Court Operations
- Office of Policy & Management
- Office of the Victim Advocate

A total of over 23,000 Staff Members!



Connecticut Information Sharing System (CISS) Implementation March 2021

CJIS Community Stakeholder	Searches Performed	Search Scenarios	Workflow Submissions	Information Exchange Workflow Scenarios	Total Users
ВОРР	693	Verify erasure of a petitioner's criminal record once granted a Pardon. Verify a petitioner's record when applying for a Pardon.	N/A	Currently working to interface with new <i>ePardon</i> application on Case Disposition and Pardon Release Information Exchanges.	69
СРСА	1,977	Case Intake: Checking for Solvability Factors; Dispatch Tool: Information & Alerts; Investigative Tool: Suspect/Vehicle Identification; Link Associations Multiple Suspects; "Packing" the Record	885	Currently submitting Early Arrest Notices to CISS and downstream recipients. Working to interface with other Information Exchanges as well.	3,169
DOC	2,021	Security - assist in classification and placement of inmates.	N/A	Currently receiving Early Arrest Notices, also working to publish Release Information to downstream recipients.	204
DESPP	353	Investigative Search Tool for State Police.	N/A	Currently working to interface with CISS Information Exchanges for State Police.	102
DMV	283	Checks CISS daily for an arrest affecting a licensed Public Passenger Endorsement driver. Receive automated Reports on Arrest Details.	N/A	Real time Early Arrest notifications through CISS allows DMV, Public Passenger Endorsement Unit to take immediate action if applicable. Working with DMV Per Se Unit to receive information on DUI/OUI arrests as well.	44
DCJ	36	Investigative Search Tool. Additional usage pending Federated Security to CISS.	N/A	Currently working to interface with new eProsecutor Case Management System on various Information Exchanges.	31
DPDS	107	Information for client representations such as charges, locations of arrest, pending and past cases, as well as Corrections information.	N/A	Search User only; may become consumer of Information Exchanges to interface with new Case Management System.	23
CSSD	4	Pending Federated Security to CISS.	N/A	Currently receiving Early Arrest Notices.	22
Judicial IT	30	Judicial IT Staff	N/A	Judicial IT Staff	0
sco	0	Monitor case progress of program participants and maintain tracking statistics including case continuances, program completion and recidivism. Additional usage pending Federated Security to CISS.	N/A	Currently working to interface with new <i>Criminal</i> system to publish and consume Information Exchanges.	18
ОРМ	0	Currently receiving automated Reports on Arrest Details.	N/A	Search User Only	0
OVA	13	Assists victims with implementing Safety Plans with information on the offender's conviction, sentencing details, release information, and protective orders.	N/A	Search User Only	3
				TOTAL:	3,685



CISS Search Progress (Calendar Q1)

Top CISS Search Statistics with 100+% Growth Rate (2020 Q1 vs. 2021 Q1):

- 1. Police Department Searches:
 - ☐ Up to 418 % increase in searches



- 2. Agency Searches:
 - ☐ Up to 390% increase in searches



Agency Names	Rate of % Increase of CY Q1 2020 vs. CY Q1
LOCAL POLICE BRISTOL	418%
BOARD OF PARDONS AND PAROLE	390%
LOCAL POLICE WESTPORT	298%
LOCAL POLICE WETHERSFIELD	236%
LOCAL POLICE TORRINGTON	235%
LOCAL POLICE COVENTRY	200%
LOCAL POLICE WILTON	188%
DIVISION OF PUBLIC DEFENDER SERVICES	175%
LOCAL POLICE FAIRFIELD	153%
LOCAL POLICE PLAINVILLE	150%
LOCAL POLICE RIDGEFIELD	145%
LOCAL POLICE WATERFORD	115%



Example Users of CISS Search

Other Example Users of CISS

PD Command Staff

Patrol

Administrative

Investigation Units

Records Division

Dispatch

And more...



CISS Empowers Users By Providing...

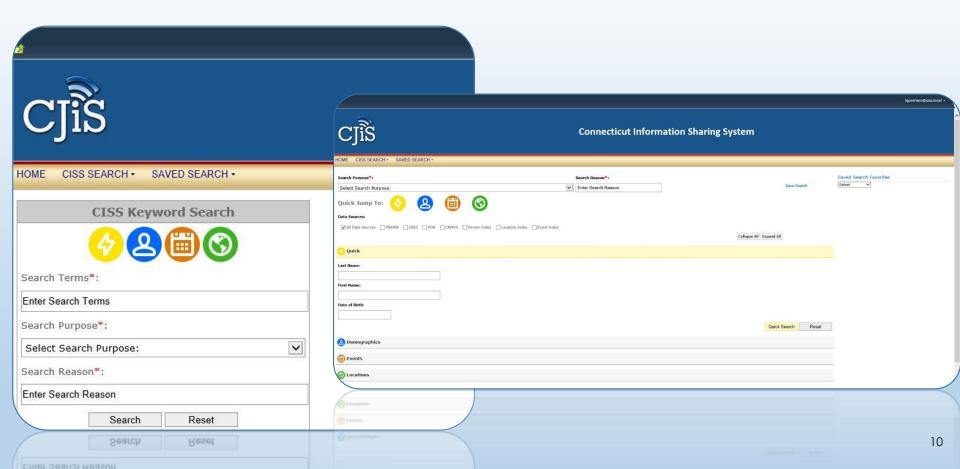
> Search

- Allows users to search 14 Criminal Records Source Systems cataloging information in 4 indices/main categories within a single portal:
 - People index
 - Location index
 - Event index
 - Property index
- CISS Search returns comprehensive search results with associations between the search term(s) entered and the data cataloged within the 4 indices.



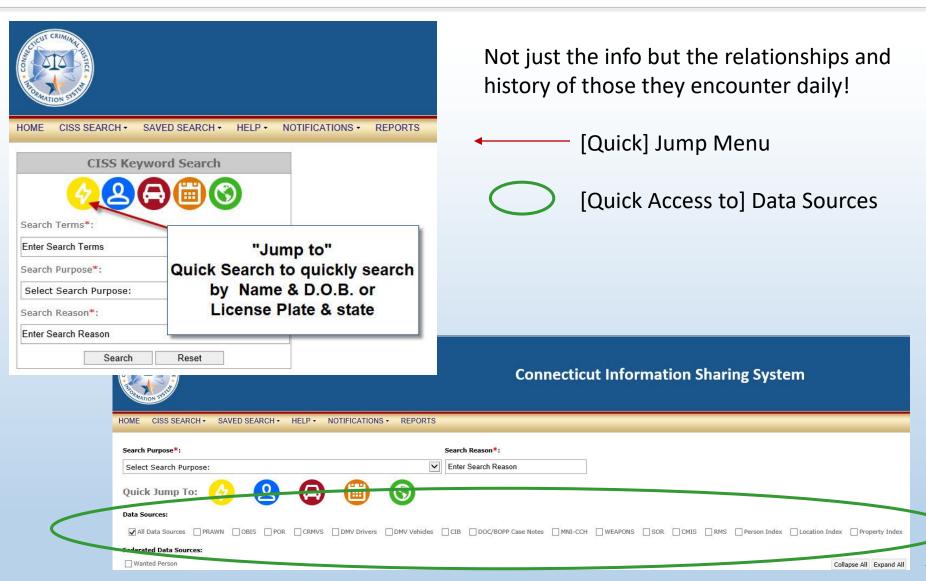
Navigation & Searching

CISS has two search options: Keyword and Advanced





Quick Search





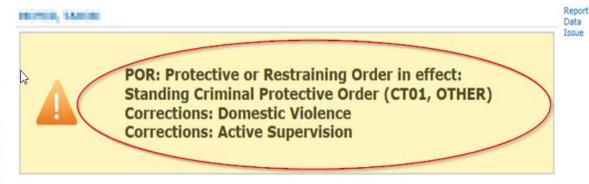
CISS Search Powered Results

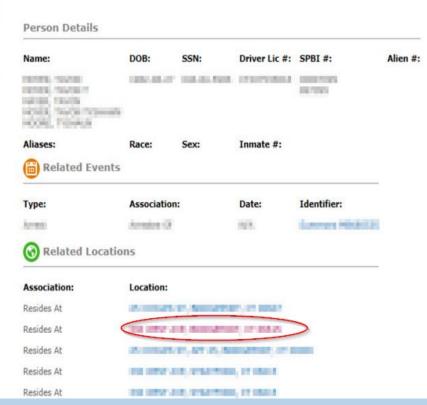
Photographs in Results

Associated Alerts/Related Information



Source: DOC 2018-01-08





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Detective Andrew Jacobson

Hartford Police Department/DCJ Cold Case Unit

Detective Andrew Jacobson

Hartford Police Department

20+ Years

Hartford Police Detective

16+ Years

Assigned to CSAO **Cold Case** Unit 9+ Years

Detective Jacobson has investigated countless crimes against **property** and **persons**, along with officer involved **shootings**.

He regularly uses CISS Search as part of his normal investigative process and finds it a key source of criminal justice information









- Recent Outcome: Detective Jacobson confirmed the ID of a witness in CISS, related to a cold case from 1996 (25 years ago). [Case still being investigated.]
- CISS has helped develop leads, locate witnesses, eliminate suspects, and direct his resources more efficiently.
- CISS is a great tool in all aspects of Detective Jacobson's **investigations**.



CISS Search: Use Case Success

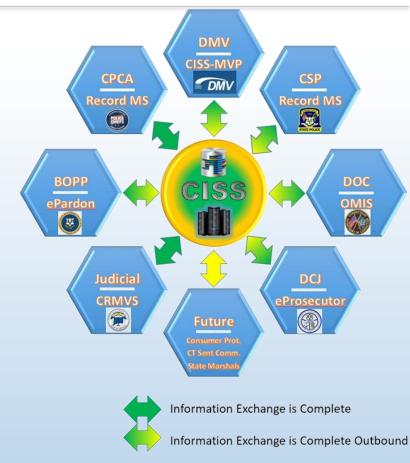
Guilford, CT, Larceny and Value of Partial VII	N Matching Search
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Scenario:	Scenario: Guilford Police investigated a larceny and used wild-card and partial VIN matching to produce results in CISS Search
Case Background:	 Complaint accompanied by security camera images capturing footage of suspect and suspect's vehicle No License plate No identifying marker visible in footage
PD CISS Usage:	 Investigators: Based on limited information from security system images, investigators: Received results: Limited Production Ford 150 truck Found color of suspect vehicle Was able to do a partial VIN search for the unique suspect vehicle Sought to obtain vehicle ownership information based on location and partial VIN
CISS' Benefits to PD:	 Results included a lengthy list of possible matches based on the set of matching vehicles and the location refiners used for searching Results indicated this
Outcomes:	 Eliminated Suspects: Related vehicle owner did not match suspect image, BUT Related/Associated Information: Interview with vehicle owner revealed another potential vehicle location in Wethersfield Newly identified vehicle owner matched description of suspect vehicle, had an associated address in the system in Old Saybrook Newly identified vehicle owner matched the physical description from the surveillance image Larceny warrant obtained Victim received full restitution



CISS Workflow Information Exchanges

- CISS Electronic Workflows: Central hub to receive arrest packages and send to CJIS Agencies
- CJIS Agencies with electronic case management system receive CISS Information Exchanges:
 - Judicial (Criminal)
 - DCJ (eProsecutor)
 - CSP (through NexGen)
 - CPCA (Through RMS Vendors)
 - **•BOPP** (ePardon in Development)
 - **•DOC (CMS on HOLD)**



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- Utilize statewide-standardized Statute tables and arrest process documentation to ensure uniformity of data throughout the criminal justice community
- Improve data quality across CJIS agencies and bring the Digital government back office for Criminal Justice closer to reality.



Partner Agency Updates

Judicial

- Police Department will submit arrest packets electronic directly to SCO (the clerks office)
 and DCJ
- Arrest packets will appear in the queue for the clerks office to process
 - Clerks can process the paperwork or reject paperwork if incomplete or incorrect.
- Streamline the process since DCJ will receive the information at the same time as the clerks office
- Reduce data entry errors and keystrokes and time spent for paperwork to be driven to court.
- Increase effectiveness and efficiency.

DCJ

- All DCJ personnel have been trained and are using the system
 - They are uploading documents to cases
 - All warrants are now being tracked in eProsecutor
- DCJ has mapped the interfaces for additional exchanges with CISS such as the Disposition and Schedule Notification exchanges.
- DCJ continues to participate with CISS in testing the Arrest Packet exchanges including the documents associated with those arrests.

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Partner Agency Updates

DESPP

- Delivered and Installed 121 new IDEMIA Criminal LiveScan to the Law Enforcement Agencies.
- Established web service data exchanges for Judicial Case Update, Disposition Erasure and coded tables from CISS to the CCH in UAT environment.
- Progressing with full cycle User Acceptance Testing of RMS, LiveScan, SABIS, FBI and the Judicial data exchanges to the CCH.
- Continued ongoing development and testing of the RMS interface to and from the LiveScans – NexGen, IMC, Accucom, Telepartner. Plan to engage Clinton in LiveScan initiated arrest testing including the CISS arrest packet inbound exchange to DCJ and Judicial.

RMS VENDORS

- NexGen workflow integration testing with full arrest packages in UAT
- Accucom programming Level II arrest package generation in RMS through the SYSTEST environment
- Central Square IMC RMS integration with CISS is progressing with Level I
- CJIS is developing agreements with Central Square's 3 other RMS systems used in CT



Statewide JD Workflow Deployment

Seq#	JD	CJIS Team	GA	Projected Completion Date
1	Middlesex	Team A	GA 9 - Middletown	9/10/2021
2	Tolland	Team A	GA-19 Tolland	12/31/2021
3	Windham	Team A	GA-11 Windham	4/8/2022
4	Waterbury	Team A	GA-4 Waterbury	7/8/2022
5	Ansonia/Milford	Team A	GA-5 Derby	10/14/2022
5	Ansonia/Milford	Team B	GA-22 Milford	10/14/2022
6	New London	Team A	GA-10 New London	12/9/2022
6	New London	Team B	GA-21 Norwich	12/9/2022
7	Stamford	Team A	GA-1 Stamford	2/3/2023
7	Stamford	Team B	GA-20 Norwalk	2/3/2023
8	Litchfield	Team A	GA-18 Torrington	4/7/2023
9	New Britain	Team A	GA-15 New Britain	5/12/2023
10	New Haven	Team A	GA-23 New Haven	6/30/2023
10	New Haven	Team B	GA-7 Meriden	6/30/2023
11	Fairfield	Team A	GA-2 Bridgeport	9/1/2023
12	Hartford	Team A	GA-12 - Manchester	9/22/2023
12	Hartford	Team B	GA-13 Enfield	9/22/2023
12	Hartford	Team A	GA-14 Hartford	9/22/2023
13	Danbury	Team A	GA-3 Danbury	12/8/2023

Table represents Police Departments using NexGen RMS software. Accucom and IMC police departments will be provided as the RMS systems are integrated with CISS.



CJIS Special Projects & Analytics

	Agency Name	CISS Search	CISS Workflow	CJIS Analytics	Current Status
DGP	Departments of DCP, DSS, DRS (SIM-SAM)	\bigcirc			Active
Connecticut Department of Social Services	DMV - Driver Services IB-53/Judicial CR-39	\checkmark		\bigcirc	Complete
Making a Difference	DMV - Monitoring Driver Instructors	\bigcirc		\bigcirc	Project Initiation
Same	Combined CJIS/COLLECT Routers	\bigcirc			Deployment (98% +)
	DOC & DMV MVP Dispositions		\circlearrowleft	\bigcirc	Complete Deployment - Active
	OPM – New Arrests Report & DCJ - Docket Reports			\bigcirc	Complete - Ended
	CT Sentencing Commission (SA 19-17) – Study Disparities in Pretrial & Sentencing Outcomes			Ø	Part 1 Complete Part 2 Active
	State Marshals Self Service Portal (C.G.S §14-10 & C.G.S §6-38a)			\bigcirc	Ver. 1 LIVE Complete Ver. 1.5 Active
®	Criminal Record Erasure Reporting (HB 5019 & SB 403)			\bigcirc	Initiation
	Police Use of Force Transparency (PA 19-90)		Ø	\bigcirc	Phase 1 Complete Phase 2 Active
WARSON.	CISS Search Available via Internet	\bigcirc			Active
	DOL – Incarceration Validation Portal (DOC)	\bigcirc		\bigcirc	Requirements - Active
	DMHAS – Misdemeanor Competency Evaluations		TBD	\bigcirc	Project Initiation
CONNECTICUT DEPARTMENT OF LABOR * Parener of the American Ad Control Research	Digital Evidence	TBD	Ø	TBD	Researching Grant Possibilities
	* Other March Land Berger Douglier BOCC BANKAN/BANK				

^{*} Other Notables: Racial Profiling, DOC & DMV MVP Arrest Doc. Viewer, BOPP & DESPP Data Exchanges



Police Use of Force Electronic Data Collection

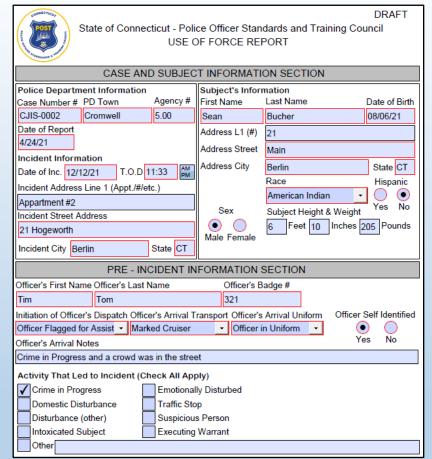
BEFORE -

- Paper Printed Form
- USPS Envelope Mail to CCSU
- CCSU Data Entry Clerks Manual Data Entry

State of Connecticut - Police Officer Standards and Training Council						
Use of Force Report						
Incident Case Number		Date of Report		Date of Incident		Time of Incident
Name of Subject	S	ex	Race	Height	Weight	Date of Birth
Subject's Address						<u>Hispanic</u>
						Yes No
Location of Incident						
						
Officer Initiated? Yes	No		Dispatched?	Yes No		
Officer Flagged Down for A	ssistance?	Yes No				
Location Environment		1	B 111: // \			
Subject's Residence		Indoors - Public Building (type)				
Other Residence Outdoors - Public Area		Indoors - Private Property (type) Educational Facility (type)				
Outdoors - Public Area Outdoors - Private Prope	orty _	Commercial Establishment (type)				-
Outdoors - Private Prope	erty _		ersonnel Directly	Involved		
Name		Emplo		ilivoiveu	*Control Metho	nd(s) Htilized
1.		Emple	усс #		control Mctil	outs) othered
2				12, 13, 1	5	
3.				12, 10, 1	٠,	
*Choose one or more that applies from the box below and fill the corresponding number in the column above. If more than						
one applies, place the numbers in a sequential order of the control method utilized.						
Control Method(s) Utilized	4. Takedown	9	9. EDW- Laser Only	14. Impa	rt Weapon/Baton	
1. Verbal Commands 5. Chemical		Munitions Deployed 10. EDW- Warning Arc		15. Less Lethal Projectile		
2. Pressure Points/Control Holds 6. OC Spray		1	11. EDW- Cartridge	16. Dead	ly Force/Firearm	
3. Chokehold/ restraint to the	7. Hand or Fist	t Strike	12. EDW- Drive-Stun	17. Other:		
neck area 8. Elbow, Kn		, Foot Strike	13. K-9			
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AFTER (CJIS Solution) –

- Fully Programmed Electronic Form
- Email Submittal Upon PD Supervisor Approval
- Automated Data Extraction and Entry Into Reporting DB



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Police Use of Force Electronic Data Collection

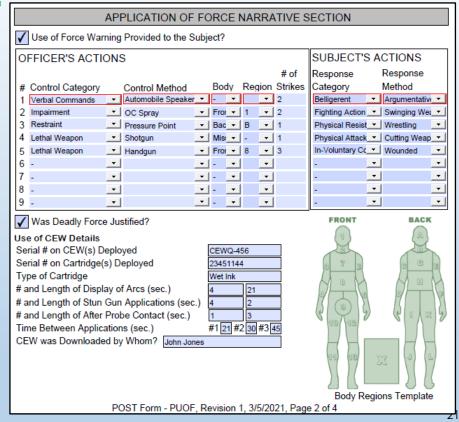
BEFORE -

- Data is Hand Type into Excel
- No Data Reporting or Analytics Capability
- No Police Department CAD/RMS Integration in CISS

Officer's Initial Perception of Subject (Check all that apply)					
Non-aggressive Actively Aggressive (Verbal)					
Previous Hostility Toward Police Actively Aggressive (Physical)					
Possibly Intoxicated Armed with					
□ Emotionally Disturbed □ Other					
Subject Resistance Resulting in Application of Force (Check all that apply)					
Threat/Hostile Armed Assault with					
Dead Weight/Non-compliant Armed with Stick/Club					
Fighting Stance/Combative Armed with Cutting Instrument					
Threaten Use of Weapon Armed with Firearm					
☐ Fleeing ☐ Suicidal					
Unarmed Assault Other					
Warning Provided to Subject? Yes No					
Impact Weapon/Baton Not Applicable	Mark Contact Points on Diagram				
Type Number of Strikes					
OC Spray Not Applicable					
Subject Permitted to Decontaminate after Transport? Yes No					
Medical Treatment Required for OC Spray?	(31) (41)				
Was OC Spray Effective?	D-7-4 D-7-4				
Number of OC Spray Applications	TAN VAL SANSVARIA				
Discharge of Firearm Not Applicable	111:311 1/15:311				
Weapon Handgun Shotgun Rifle	71 2 1 17 5 (CF1) 9				
Subject Person Animal	Till I WITH THAT I WAS				
Result Death Injury Missed					
Impact Munition Not Applicable	1.4/1.4				
Type Rounds Hit	(1)(1)				
Rounds Fired Effective? Yes No	\'()'/ \\(
Chemical Munition Not Applicable	/ 8 / / / / / /				
Type Rounds Hit	O.C. ALA				
Rounds Fired Effective? Yes No					
EDW Not Applicable	Mark Contact Points on Diagram				
Deployment Type	O O				
Laser Only Warning Arc Cartridge Drive Stun	(2)				
Serial # on EDW(s) Deployed	A A A				
Serial # on Cartridge(s) Deployed	(3.1.0) [12.4]				
Type of Cartridge					
#, Length of Displays or Arcs	171-311 171-3111				
#, Length of Drive-Stun Applications #. Length of Activations After Probe Contact					
If Multiple Applications, Time Elapsed Between Activations	JOH MIR 1014 1 4075				
If Cartridges Missed, Where Did They Impact?). d. d				
Type of Force Used Prior to EDW, If Any					
Type of Force Used After EDW, If Any					
Was Deadly Force Justified? Yes No					
EDW Downloaded By					

AFTER (CJIS Solution) -

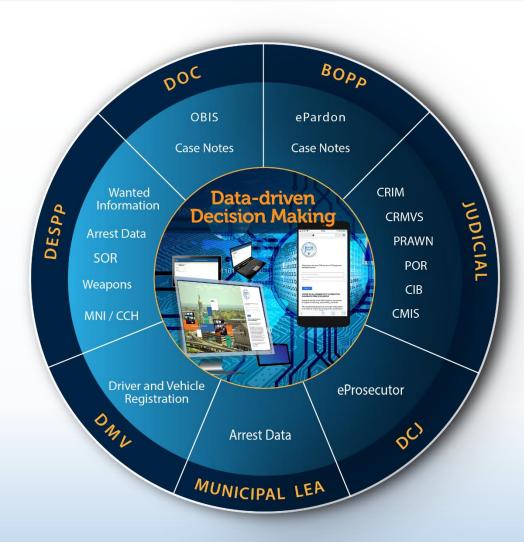
- Fully Automated Workflow Submittal of PD Approved Reports through Email
- Fully Automated Workflow Submittal of PD Approved Reports through PD CAD\RMS Integration in CISS
- Fully Automated Electronic Data Extraction for Analytics



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Questions





CJIS Contact

Contact CJIS:

For questions and comments email

CJIS.HelpDesk@ct.gov

CISS Dashboard

https://dashboard.cjis-ciss.ct.gov