

Department of Public Safety & Justice Services



Cuyahoga Regional Information System (CRIS) Strategic Plan

1.16.2012

INTRODUCTION:

Under the new Cuyahoga County administration, the Cuyahoga County Regional Information System (CRIS) has been established as a section under the new Department of Public Safety, Division of Information Technology (DOIT) and is housed under the newly created Department of Public Safety and Justice Services.

CRIS was originally formed under a Resolution by the County Commissioners in 1976 as part of a requirement of an application to the Criminal Justice Coordinating Council of greater Cleveland for a Law Enforcement Action Project Grant. The grant required the development of a steering committee.

Subsequently, the resolution was amended under Resolution 986313 on December 24, 1979, providing for additional members in the steering committee and formally naming it the CRIS Advisory Board.

CRIS's mission is *to offer robust, redundant, and high availability architecture to all public safety clients, while embracing current and new technologies in the public safety field, and maintaining an exceptional level of customer service and availability to all clients.*

CRIS currently supports over 70 law enforcement and criminal justice service agencies across Cuyahoga and surrounding counties by providing:

- Dedicated network connections to 28 agencies
- Direct link to Ohio LEADS for 36 agencies
- Mobile Data Computer Services to 13 agencies
- OIBRS Data Submissions for 15 agencies
- Access to Ohio Law Enforcement Gateway (OHLEG)

In order to effectively meet CRIS goals and objectives, the Department of Public Safety and Justice Services is making the following organizational changes, restructuring, and coordination efforts:

I. **RENAME AND REBRAND CUYAHOGA REGIONAL INFORMATION SYSTEM (CRIS)**

In an effort to instill trust and confidence in our users, and to clearly articulate that CRIS is transforming itself into a leader in public safety information technology, the Cuyahoga County Regional Information System (CRIS) will be renamed. Some of the names being considered are:

- Cuyahoga Regional Automated Information System (CRAIS)
- Cuyahoga Regional United Information System (CRUIS)
- Automated Cuyahoga County Information System (@CCIS or ACCIS)

The CRIS Board will have the opportunity to suggest other names, beyond those listed above, that they feel would encompass the mission of the new CRIS. It is anticipated that a new name will be voted on during the 2012 CRIS Board organizational meeting.

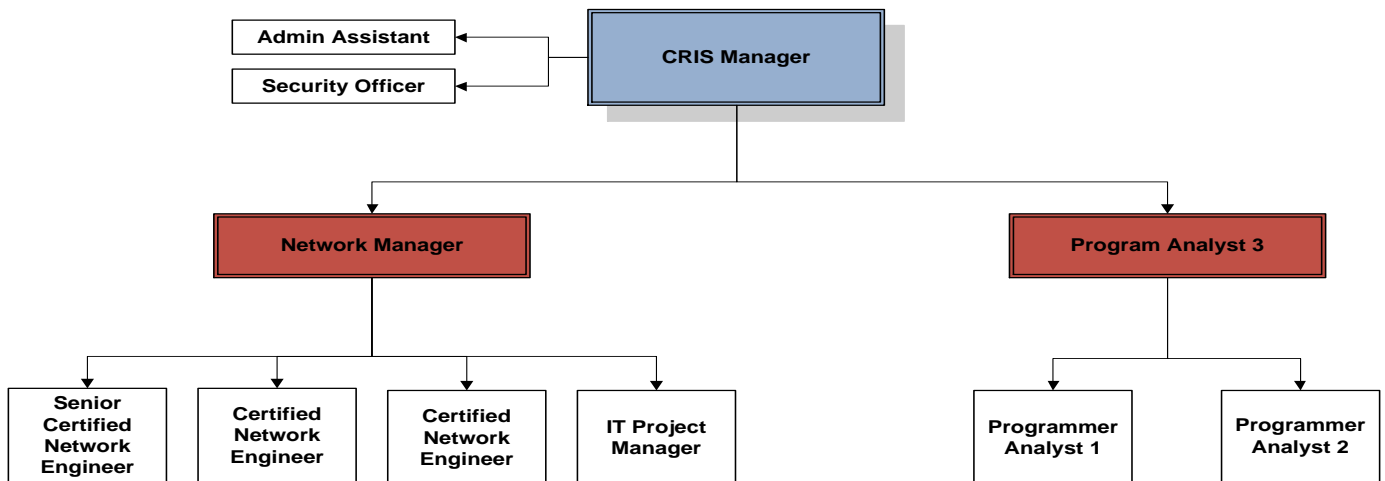
As part of the rebranding efforts, a new logo has been established. The image to the right, represents the proposed logo with the text CRAIS being replaced with the new name approved by the CRIS Board. Two features of the new logo are the white shield in the background representing law enforcement and the world as a puzzle representing information sharing.



II. ORGANIZATIONAL STRUCTURE

Current Organizational Structure:

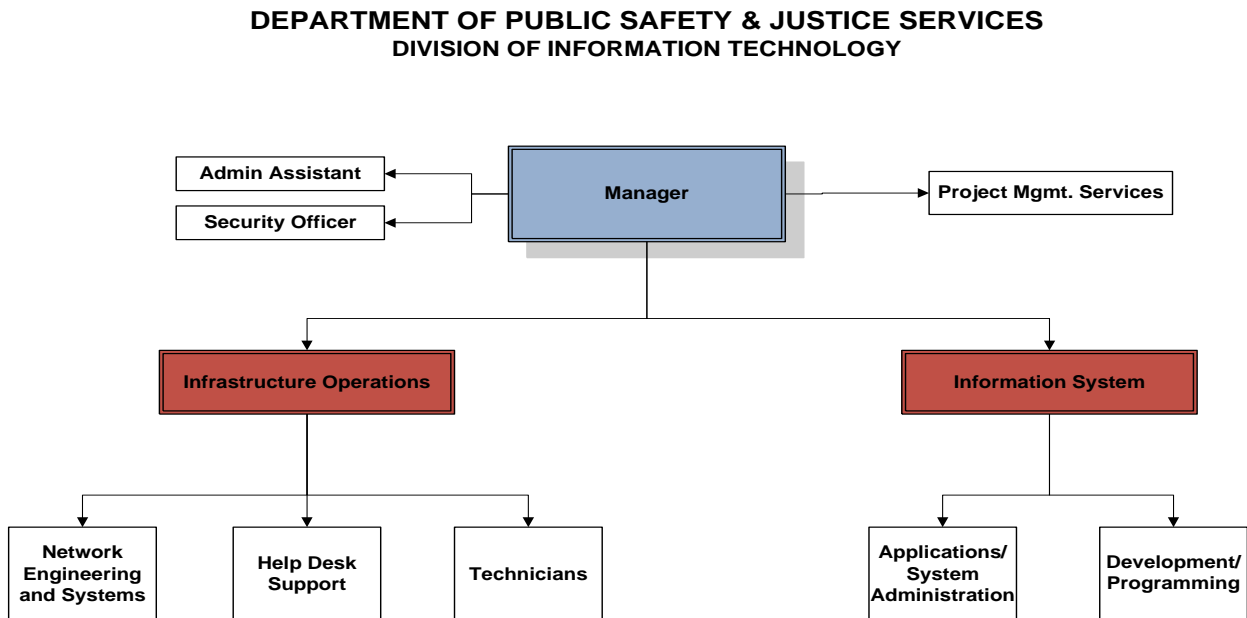
The current organizational structure limits CRIS’s ability to offer the most effective services to the greatest number of clients. By reorganizing the current structure, Cuyahoga County is establishing a more efficient, user friendly, public safety IT structure.



New Organizational Structure

The new organizational structure has CRIS staff incorporated into a consolidated DOIT structure. That structure is broken into two sections, “Infrastructure Operations” and “Information System.” The new structure is consistent with industry standards and streamlines information to the DOIT Manager with subject matter experts as “managers” per area. The managers are responsible for coordination between areas and are expected to provide the highest level of customer service and infrastructure support possible.

The new structure does encompass a CRIS Manager, though certain roles within that job function will change. The CRIS Manager will serve as a liaison to the CRIS Board and will be housed under Project Management Services.



In addition, as part of the restructuring of the new CRIS Office, Cuyahoga County is moving towards a model of reduced staff and a better partnership with the Information Services Center.

III. REVISION OF THE BYLAWS AND BOARD MEMBERSHIP

As noted in a previous section, the Cuyahoga Regional Information System Advisory Board was established by the Cuyahoga County Commissioners on May 20, 1976. The intent of the Advisory Board was to advise the County Commissioners on the operation, maintenance, and enhancement of CRIS and was authorized to exercise “management control” over the operations, functions, and services of the CRIS network including selection, supervision, and termination of personnel.

As part of the new Cuyahoga County form of government, with an Executive and Council, we are provided with an opportunity to review and update the by-laws to reflect proposed changes in the purpose, membership, and responsibilities of the board. It is anticipated this will be completed by the Board and presented to the County Executive and Council for approval by the end of the first quarter 2012.

IV. IT INFRASTRUCTURE

Servers/Storage

CRIS maintains forty-eight physical servers. These servers are housed in a secured data center at the Cuyahoga County Information Services Center. This physical infrastructure is in various states ranging from disabled, broken to nearing capacity. The age of equipment on the “original” core network is between 6 and 12 years old. This is considered legacy in the Information Technology Industry and is well beyond its viable lifetime. Continued reliance on this production equipment has created a high risk of systems failure which would result in loss of access to vital information for the public safety community.

In 2010, equipment was purchased for virtualization and in May, 2011 CRIS began moving to that platform in order to develop a “new” core network.

It is our intent to complete the virtualization of the 48 physical servers; resulting in high availability and low cost of ownership for the county. Our enhancements are not limited in scope to virtualization but a total hardware refresh and upgrade. Ultimately, we will implement a reliable, scalable and redundant server/storage infrastructure.

Regional Public Safety Network

CRIS designs, configures and maintains the regional Public Safety Network which includes many disparate connectivity assets and complexities. An integral part of this management includes providing and administering high-speed secure network communications to subscriber agencies at cost.

CRIS has expanded its agreement with CareWorks for network management and enterprise security to take over additional network management services. This contract will ensure that all future enhancements to the network are made by qualified and network certified individuals. Most importantly, this change will ensure that CRIS is able to deliver all updates, enhancements, and general network services to CRIS customers in a timely fashion.

Other improvements in this area include a refresh of the CORE firewall and vpn solutions, LEADS/CJIS compliance and network reorganization to ensure redundancy and backups.

In addition, the ultimate goal of CRIS is to expand our connectivity to all law enforcement agencies throughout the Cuyahoga County and Homeland Security Region 2.

Enterprise Security Management

A key feature that currently exists is Enterprise Security Management (ESM). ESM services include the management and monitoring, on a 24x7x4 basis, the core infrastructure devices and protection against unauthorized penetrations. The protection covers the entire CRIS network. The ESM meets or exceeds all minimum-security requirements mandated by the United State Department of Justice, Federal Bureau of Investigation, Criminal Justice Information Services Division (CJIS) Security Policy and the Ohio LEADS Security policy. These ESM services will not only continue but be expanded upon.

V. CRIS SERVICES

A. Current CRIS Services

CRIS primarily provides various records management services to Law Enforcement and Criminal Justice communities within the Northeast Ohio region. Based on service availability, any law enforcement or criminal justice agency may subscribe to one or more of the CRIS services. Ability to subscribe requires the execution of a subscriber services agreement. The subscriber agreement requires the entering agency to agree to pay service fees and adhere to the CRIS operational requirements, including security, technological capabilities, and general public safety provisions.

The following describe the services offered and associated costs of the service areas:

1. MyCRIS Application (Legacy CRIS)

The core of CRIS is the MyCRIS application. MyCRIS, available as a windows application or web portal, provides records management services through the collection of Criminal Justice Information (CJI) provided by local law enforcement and criminal justice agencies throughout Northeast Ohio. The following information is uploaded into the CRIS system using either the Legacy CRIS or the MyCRIS application.

- Offense Incidents
- Arrest
- Citation
- Master Name Index
- Charges
- Parking Tickets
- Traffic Accidents
- Field interviews
- Tow
- Case Disposition from participating Agencies
- Cleveland Police Warrant Information
- Mug Shot Imaging
- Juvenile Warrants
- Cuyahoga Couty Probation
- Electronic Submissions
 - OIBRS Reporting
 - CIF Uploading to Common Pleas Court
 - Arrest/Citations to local courts
 - BMV/LEADS/NCIC/NLETS
 - OLLEISN
- Various interfaces such with outside vendors New World, TAC and Sundance.

MyCRIS is not only the collecting point, but also serves as a retrieval application. All participating law enforcement and criminal justice agencies may obtain authorization to access information in the CRIS CJI database using a secure web portal.

The MyCRIS web portal is primarily used by law enforcement records clerk, dispatchers and detectives inside their facilities, while the MyCRIS windows application is primarily used for mobile data computing, and field-level access to the CRIS CJI database and State of Ohio and national criminal justice information assets. Currently there are 13 agencies subscribed to this service.

2. Regional Automated Criminal Justice System Applications

CRIS manages a few regional, enterprise-class, automated, information systems and provides associated services to subscriber agencies on a non-profit fee-for-service basis. These regional systems and applications include:

- Automated License Plate Reader (ALPR) Application
- Records Management System (I/RMS)

B. Current CRIS Subscriber Fees

Though CRIS has traditionally had the following subscriber fees, ongoing discussions continue to take place as to these charges. Discussions have specifically centered on the way they are assessed, and why they vary from agency to agency and don't necessarily follow the approved fee listed below:

1. **Direct User:** an agency that has a computer communicating directly with CRIS. **\$1,000 per month / \$12,000 per year**
2. **In-Direct User:** an agency that does not have a computer communicating directly to CRIS but rather relies on a Direct User for their connectivity. There are 2 subcategories; law enforcement and criminal justice agency. **\$100 per month / \$1,200 per year**
3. **Additional Direct User:** an agency that has a computer communicating directly with the CRIS and is one of more government entities within the same political sub-division. **\$500 per month / \$6,000 per year**
4. **Major City Rate:** for agencies with over 150 sworn police personnel. This has historically been the City of Cleveland, Division of Police. **\$5,000 per month / \$60,000 per year**
5. **LEADS Assessment:** a pass through to Ohio LEADS. **\$250 per month / \$6,000 per year**
6. **Mobile Data Computers:** **\$30 per MDC per year**

C. Proposed CRIS Service

The new CRIS will be a leader in public safety enterprise class technologies. The heart of the transformation will be the data warehouse which will provide cross-agency access to all incident information. In addition to the data warehouse, we anticipate significant updates and enhancements to the services we offer and the creation of a robust and redundant infrastructure. Finally, we have consolidated

the CRIS staff and enhanced their capabilities with additional training and skills development courses.

The new vision for CRIS is to provide services to law enforcement and criminal justice agencies through both a free version (Basic) and a paid subscription version (Premium). Service offerings for both are discussed in the sections below.

1. Regional Criminal Justice Data Warehouse

The current CRIS database will be redesigned and serve as the primary repository (data warehouse) of criminal information and identification for the region. The data warehouse will expand its current data stream to include many traditional and non-traditional data sources that would benefit the user community. The data warehouse will also include integration with CRIME and InJail. These upgrades and enhancements to the data warehouse will significantly enhance the information we are able to provide to local law enforcement and criminal justice agencies throughout Northeast Ohio.

2. CRIS Query

CRIS Query will serve as data retrieval system, providing various queries of the data warehouse, based on subscription.

All CRIS users may obtain authorization to access information in the CRIS Criminal Justice Information (CJI) data warehouse using a secure web portal. Queries using Standard Web Service for data submission based on GJXDM/NEIM and services for queries which result in list return and detailed results return will also be available.

Although all available queries will be visible to all users, access to certain queries will be based on subscriber type. As there are only two subscriber types, **CRIS Basic has limited queries available, while CRIS Premium has all queries available.**

The table below references all the queries available and under which subscriber types they are included. Also references are whether the data is stored locally within the data warehouse or queried from Ohio LEADS.

List of available queries based on subscriber type.

*DW = Data Warehouse

Query Types	Transaction Code	Basic	Premium	DW*	LEADS
Arrested Person					
<input type="checkbox"/> Additional Disposition	ADQ	X	X	X	
<input type="checkbox"/> Alias	AKA	X	X	X	
<input type="checkbox"/> Name	ARN	X	X	X	
<input type="checkbox"/> Arrest Number ANO	ARQ	X	X	X	
<input type="checkbox"/> Arrest Person Cell	CELL	X	X	X	
<input type="checkbox"/> ARP Rap Sheet	RAP	X	X	X	
Articles					
<input type="checkbox"/> Query	QA		X	X	X
Automatic Hit Notification					
<input type="checkbox"/> Additional Query	ANH		X		X
Automobile Titling					
<input type="checkbox"/> Additional Owners	ATADD		X		X
<input type="checkbox"/> County Name	ATCNM		X		X
<input type="checkbox"/> Lien	ATLN		X		X
<input type="checkbox"/> Name	ATNAM		X		X
<input type="checkbox"/> Title Number	ATNUM		X		X
<input type="checkbox"/> SSN Chain	ATSSN		X		X
<input type="checkbox"/> Title Summary	ATSUM		X		X
<input type="checkbox"/> VIN Chain	ATVIN		X		X
<input type="checkbox"/> Watercraft Chain	ATWIN		X		X
Boats					
<input type="checkbox"/> Query	QB		X	X	X
Business Directory					
<input type="checkbox"/> Query	BDQ	X	X	X	
Caution Ohio Police					
<input type="checkbox"/> Query	GCOP		X		X
<input type="checkbox"/> Zip Code	ZIP		X		X
CCH					
<input type="checkbox"/> BCI Number (Ohio only – Info)	QHO		X		X
<input type="checkbox"/> BCI or FBI Number	QR		X		X
<input type="checkbox"/> BCI Number (Ohio only – Summary)	QRO		X		X
<input type="checkbox"/> Name (Short Version)	SER		X		X
<input type="checkbox"/> Name (Long Version)	SERCH		X		X

Query Types	Transaction Code	Basic	Premium	DW*	LEADS
Commercial Vehicle					
<input type="checkbox"/> Carrier Only	ACQ		X		X
<input type="checkbox"/> Vehicle	AVQ		X		X
Cleveland Warrants					
<input type="checkbox"/> Query	CLEVQW		X	X	
Departmental Offender Tracking System					
<input type="checkbox"/> Query	IPSQ		X		X
<input type="checkbox"/> Offender Number	IPS		X		X
Drivers License					
<input type="checkbox"/> Query	DL		X		X
<input type="checkbox"/> Name	DN		X		X
<input type="checkbox"/> Social Security	DS		X		X
<input type="checkbox"/> Drivers Social Security Number with Photo	DSP		X		X
<input type="checkbox"/> Multiple DL with BMV Photo	MDL		X		X
<input type="checkbox"/> Multiple DS with BMV Photo	MDS		X		X
Fatal Crash					
<input type="checkbox"/> Fatal Crash Form	OFR		X		X
Field Contact Interrogation					
<input type="checkbox"/> FCI	FCQ	X	X	X	
<input type="checkbox"/> FCI Location	FCL	X	X	X	
<input type="checkbox"/> FCI Name	FCN	X	X	X	
Hazardous Material					
<input type="checkbox"/> Haz Name	HMN	X	X	X	
<input type="checkbox"/> Haz Number	HMQ	X	X	X	
Fuel Use Tax					
<input type="checkbox"/> Query	HUTU		X		X
Gang / Terrorist					
<input type="checkbox"/> Query	QGG		X		X
<input type="checkbox"/> Gang Member	QGM		X		X
Guns					
<input type="checkbox"/> Query	QG		X	X	X
Juvenile Warrant					
<input type="checkbox"/> Query	JWQ		X	X	
International Fuel Tax Index					
<input type="checkbox"/> Federal Tax ID	FQC		X		X
<input type="checkbox"/> State Contact	FQN		X		X
Investigative Aides – Person/Article					
<input type="checkbox"/> IPA Height/Weight	PAH	X	X	X	
<input type="checkbox"/> IPA Name	PAN	X	X	X	

Query Types	Transaction Code	Basic	Premium	DW*	LEADS
<input type="checkbox"/> IPA OCA	PAQ	X	X	X	
<input type="checkbox"/> IPA Sex/Race	PAS	X	X	X	
License Plates					
<input type="checkbox"/> License Plate with Photo	RPP		X		X
<input type="checkbox"/> License Plate	QL		X	X	X
Master Name Index					
<input type="checkbox"/> MNI Name	MIN	X	X	X	
<input type="checkbox"/> MNI OCA	MIQ	X	X	X	
Missing Persons					
<input type="checkbox"/> Query	QM		X	X	X
NLETS					
<input type="checkbox"/> Boat Registration	BQ		X		X
<input type="checkbox"/> Canadian Articles	CAQ		X		X
<input type="checkbox"/> Canadian Boats	CBQ		X		X
<input type="checkbox"/> Canadian Gun	CGQ		X		X
<input type="checkbox"/> Securities	CSQ		X		X
<input type="checkbox"/> Driver	DQ		X		X
<input type="checkbox"/> Operators License (Regional Code)	DQG		X		X
<input type="checkbox"/> Criminal History SID	FQ		X		X
<input type="checkbox"/> Aircraft Registration	GQ		X		X
<input type="checkbox"/> Road / Weather	HQ		X		X
<input type="checkbox"/> Criminal History ID	IQ		X		X
<input type="checkbox"/> FAA Tracking	JQ		X		X
<input type="checkbox"/> Hazardous Material	MQ		X		X
<input type="checkbox"/> Registration	RQ		X		X
<input type="checkbox"/> Registration (By Region)	RQG		X		X
<input type="checkbox"/> Snowmobile Registration	SQ		X		X
<input type="checkbox"/> Online ORI File	TQ		X		X
<input type="checkbox"/> Canadian Driver License	UQ		X		X
<input type="checkbox"/> Canadian Vehicle	VQ		X		X
<input type="checkbox"/> Canadian Wants	WQ		X		X
<input type="checkbox"/> Canadian Vehicle Registration	XQ		X		X
Offense Incident					
<input type="checkbox"/> OFI Narrative	OFIN	X	X	X	
<input type="checkbox"/> OFI OCA	OIQ	X	X	X	
OH1 Traffic Accidents					
<input type="checkbox"/> OH1 OCA	TAQ	X	X	X	
Traffic Crash Report					

Query Types	Transaction Code	Basic	Premium	DW*	LEADS
<input type="checkbox"/> TCR Report	TRQ	X	X	X	
OLLEISN					
<input type="checkbox"/> Query	OQ		X		X
<input type="checkbox"/> Vehicle	QQV		X		X
Parking Tickets					
<input type="checkbox"/> Query	PTQ		X	X	
Primary Offense Codes					
<input type="checkbox"/> POC Name and Code	POC		X	X	
Protection Order					
<input type="checkbox"/> Query	QPO		X	x	X
<input type="checkbox"/> Enter/Query/Update	PO		X	X	
Project Safe Neighborhood(Probation)					
<input type="checkbox"/> Query	PSNQ		X	X	
Registration					
<input type="checkbox"/> Dealer Plate	ATDP		X		X
<input type="checkbox"/> Owner Name	RN		X		X
<input type="checkbox"/> License Plate	RP		X		X
<input type="checkbox"/> Owner Social Security	RS		X		X
<input type="checkbox"/> Vin	RV		X		X
Saving Minutes					
<input type="checkbox"/> Query	SMQ		X	X	
Securities					
<input type="checkbox"/> Query	QS		X	X	X
Sex Offender Registration					
<input type="checkbox"/> Query	SOQ		X		X
Statistics					
<input type="checkbox"/> Query	OSFINQ		X		X
Super Query			X		
<input type="checkbox"/> Super Address Search	SAS		X	X	
<input type="checkbox"/> Super Name Search	SNS		X	X	
<input type="checkbox"/> Super Social Security Search	SSS		X	X	
<input type="checkbox"/> Super Phone Search	SPS		X	X	
<input type="checkbox"/> Super License Search	SLS		X	X	
<input type="checkbox"/> Super VIN Search	SVS		X	X	
Towed Impounded					
<input type="checkbox"/> Query	TV		X	X	X
Unidentified Person					
<input type="checkbox"/> Query	QU		X	X	X
Vehicles					
<input type="checkbox"/> Query	QV		X	X	X
<input type="checkbox"/> Test Query	ZV		X		X

Query Types	Transaction Code	Basic	Premium	DW*	LEADS
Vehicle/Boat Parts					
<input type="checkbox"/> Query	QP		X	X	X
Vehicle of Interest					
<input type="checkbox"/> VOI License	VIL	X	X	X	
<input type="checkbox"/> VOI OCA	VIQ	X	X	X	
<input type="checkbox"/> VOI VIN	VIV	X	X	X	
Wants & Warrants					
<input type="checkbox"/> Query Wanted and Missing	QW		X		X
<input type="checkbox"/> Query Wanted LEADS Only	WW		X		X
<input type="checkbox"/> Interpol Wanted	IPQ		X		X
<input type="checkbox"/> Interpol Wanted Full Detail	FPQ		X		X
<input type="checkbox"/> Warrants by Zip Code	ZIP		X		X
<input type="checkbox"/> Warrant Test Inquiry	ZW		X		X

Note: LEADS Queries are searchable in the data warehouse as shown above, however are not stored locally.

3. Records Management System (RMS)

The Records Management System (RMS) provides an efficient, robust and comprehensive solution for entering, tracking, and storing criminal data. Unlike many other Record Management Systems, the CRIS RMS does not require a subscriber to purchase additional hardware or software. The CRIS RMS will be a web-based, secure, and encrypted application. Specifically, access to the system is identified and tracked using an IP address, user login, password, and assigned profile rights. A CRIS user can access the RMS through Internet Explorer or Mozilla Firefox. **RMS is only available to CRIS Premium subscribers with unlimited licensing**

The CRIS RMS includes the following modules:

Module	Brief Explanation
Address Book	Administrative; Agency Accounts, Employees
Incident & Offense Reporting	Pertains to the incident that occurred including one or more offenses committed by the same offender (or group of offenders how the incident was made known to the law enforcement agency
Investigations	An investigation may be created and converted to an incident if needed

Parties	Required details on Offenders, Suspects, Victims, Witnesses, and Subjects. Since more than one offender can be involved in an incident, an Offender Sequence Number is assigned to each offender. If nothing is known about the offender, the number is "00." Other information about offenders include can also be collected Since more than one victim can be involved in an incident, a Victim Sequence Number is assigned each victim. Detailed information about the victim can also be collected
Arrest, Booking	The data fields regarding all persons apprehended for all criminal offenses. If a person were arrested for a criminal offense, the booking record would be entered into CRIS Arrest File. When a person is entered into this file for a felony or misdemeanor, a search of the Ohio BCI CCH AND NCIC III files is run. The results are sent to the entering user. When any person is entered into this file, a search of the warrant file at LEADS is run
Citations	Traffic/Crash Report (OH-1), Parking Tickets (PIN), Traffic Citation (UTT), and Minor Misdemeanor Citation (MMC)
Police Reports	Web based word processor with templates to allow the creation of Police Reports
Property	Describe the type, value, and quantity of property involved in an incident
Notes:	Supports the creation of individual notes attached to a case
Tasks	A to-do list that creates tasks and tracks due dates and completion dates
Calendar	An integrated calendar to track appointments attached to a case and assigned to an individual
Integrated Word Processor	
Statistical Reporting	Standard forms may be generated from RMS data

4. Computer Aided Dispatch System

Computer Aided Dispatch (CAD) is a software package that is used to initiate public safety calls for service and dispatch, and to maintain the status of responding resources in the field. CAD features incident response and communications for resource management, call taking, location verification, dispatching, unit status management, call disposition, mapping functionality, interface with mobile data terminals (MDT), and interfaces with other external local, state, and federal information systems.

CAD will provide the following functions:

- Call Intake

- Call and Unit Status
- Dispatch
- Mapping of Location Incident (Google or Bing)
- RMS and Mobile Integration

Access to the system is identified and tracked using an IP address, user login, password, and assigned profile rights. It has yet to be determined whether CRIS CAD will be a web-based or a windows application. It will be a secure and encrypted application that is **only available to CRIS Premium subscribers with unlimited licensing.**

5. CRIS Mobile

CRIS Mobile enables patrol units to connect wirelessly to law enforcement computer database systems. Connection to the computer network is made using a cellular signal depending on the area in the county where the car is located. Unlike the Data Warehouse, RMS and CAD, Mobile will be a Windows based application. **CRIS Mobile is only available to CRIS Premium subscribers with unlimited licensing.**

The CRIS Mobile Client offers similar services as the current MyCRIS application; however it will leverage the new data structures in the data warehouse. These include:

- Faster message retrieval
- New GUI
- Functionality for auto-message/auto print
- Field Reporting
- Buttons and Dropdown menu of most used LEADS queries
- Touch Screen activation
- On-Screen keyboard
- Day/Night Mode

6. Other Applications

CRIS will expand information systems provided to subscriber agencies through the management of law enforcement and criminal justice applications. These regional systems and applications include:

- Automated License Plate Reader (ALPR) Application
- Intergraph Records Management System (I/RMS)
- The Cleveland Cuyahoga Regional Automated Fingerprint Identification System (CCRAFIS)
- Jail Records Management System (InJail)

7. Help Desk

The CRIS Help Desk will be restructured to provide better coverage, accountability and service to our users. The restructuring initially encompasses dedicated trained staff that can provide tier 1 level support.

It is the ultimate goal to have a Help Desk available Monday through Friday, 7am to 11pm and possible 24 hour coverage, should the work load necessitate.

D. Proposed CRIS Subscriber Fees

CRIS services will now be offered as either **Basic** or **Premium**. **Basic** services will be offered free-of-charge to CRIS subscribers and offer limited access to CRIS applications and tools. **Premium** services will be based on an annual fee billed monthly and will include all services available to **Basic** subscribers but also RMS, CAD and CRIS Mobile.

The cost for CRIS Premium is expected to be lower than the current cost for a Direct User.

VI. PROJECT TIMELINE

It is anticipated that the current CRIS programming staff will take the lead on the enhancements proposed. In order to ensure a timely deployment, vendor assistance will be sought after.

Component	Target Release
1. RMS	March 31, 2012
2. Data Warehouse and Mobile	June 30, 2012
3. CAD	September 30, 2012
4. Final Integration and Roll-Out	December 31, 2012

VII. FUTURE ENHANCEMENTS

The following items are anticipated future enhancements to the CRIS product offering discussed above.

- Expanded connectivity and data sharing with each municipal court in Cuyahoga County
- Integration to the Fusion Center
- Expanded Missing Persons website and interface
- ALPR integration
- Expanded Parking Ticket services
- Property room and Evidence Tracking
- Push/Drag Drop feature from query response to a from
- Routing
- OH-1 Electronic State Filing