

**KARL L. KEITH**  
**MONTGOMERY COUNTY AUDITOR**  
451 WEST THIRD STREET • P.O. BOX 972 • DAYTON, OH 45422

June 21, 2010

Mr. Willis Blackshear, Chair  
Automatic Data Processing Board  
451 West Third Street  
Dayton, OH 45422

Dear Mr. Blackshear:

A special Automatic Data Processing Board meeting has been scheduled for **Thursday, June 24, 2010 at 9:00 a.m. in the 6<sup>th</sup> floor Data Processing Training/Conference Room.** The agenda will be as follows with supporting documentation attached.

- (1) Minutes from the June 9 and June 14, 2010 meetings
- (2) Sheriff's Office - Emergency Telephone Notification Service (from Everbridge, Inc., at a cost of \$160,000.00)
- (3) Sheriff's Office - Agreement with Tiburon for Development of a Message Switch - Phase 2 (\$32,625.00)

Sincerely,

KARL L. KEITH, Secretary  
Automatic Data Processing Board

KLK/bru

Attachments

cc: ADP Board Members  
James Alford, Data Processing Director  
Debbie Andrews, Records Manager  
Paul Robinson Chief Deputy Treasurer  
James Drubert, Common Pleas Court Administrator  
Tim Nolan, OMB  
John Curming, Assistant Prosecuting Attorney  
Bill Engel, Data Processing

Mr. Blackshear  
Page 2  
June 21, 2010

cc: Steve Glardon, Data Processing  
Ellis Shockley, Data Processing  
Roy Sigritz, Purchasing  
Mike Spirk, Telecommunications  
Vicky Brady, Domestic Relations Court  
Rhonda Tutt, Domestic Relations Court  
Michael J. Howley, Domestic Relations Court  
Shawn Waldman, Sheriff's Office  
Debra Harden, Recorder's Office  
Linzie Oliver, Clerk of Courts' Office  
Matt Hilliard, Environmental Services-IT/GIS Dept.  
Angela Coe, OMB  
Emily Jackson, Commissioner Dodge's Office  
Captain Rob Streck, Sheriff's Office  
News Media

**AUTOMATIC DATA PROCESSING BOARD MEETING**

June 9, 2010

**PRESENT:** Willis Blackshear, Chair  
Michelle Roberts for Karl Keith, Secretary  
Judy Dodge, Member  
Ken Betz for Dr. James Davis, Member  
Jim Drubert for Judge Barbara Gorman, Member  
Paul Robinson for Carolyn Rice, Member  
Steve Harsman, Member  
Betty Smith Member  
Tim Nolan, OMB  
Roy Sigritz, Central Services  
John Cumming, Prosecutor's Office  
James Alford, Data Processing  
Bill Engel, Data Processing  
Steve Glardon, Data Processing  
Pam March-Scott, Data Processing  
Kimali King, Data Processing  
Betty Upshaw, Data Processing Administrative Assistant

The June 9, 2010 Automatic Data Processing Board meeting was called to order by the Chair, Willis Blackshear. (A copy of the agenda is attached hereto for reference.) Mr. Blackshear pointed out the various staff members representing their office-holders (see above roster.)

Agenda item number one was the approval of the minutes from the May 12, 2010 meeting. Michelle Roberts made a motion for approval of the minutes as presented. Motion seconded by Steve Harsman. Motion carried unanimously.

Agenda item number two, a request from the Coroner's Office and the Miami Valley Regional Crime Laboratory, sought the Board's approval to purchase hardware from MNJ Technologies to upgrade the CCL computer system. Ken Betz informed Board members of a total system failure within their servers about three weeks ago which cause the collapse of their computer system. He explained their entire organization had gone paperless about a year ago for environmental reasons, which was a great idea until this collapse. Mr. Betz recognized and thanked three Data Processing staff members, Pam March-Scott, Kimali King, and Ellis Shockley, who were able to band aid their system and get them up and running again after a week and half. Mr. Betz highly complimented these staff members on their response and persistence as they worked day and night to restore their system. As the result of this failure, Data Processing was asked to evaluate their system to see what needed to be done to prevent such failures in

ADP BOARD MEETING

June 9, 2010

Page 2 of 3

the future or have the ability to backup in the event of such failures. This evaluation found the need for the following equipment:

2 Dell-PE R710 w/Chassis for Up to 8,2.5" hard drives and Intel 56XX processor at cost of \$19,150.00

1 Dell-Power Vault MD 100, Rack, 3U 15 bay external SAS/SATA Storage Array w/locking bezel at a cost of \$8,560.00

Replacement Tablets PC BTO WLS CAM/GPS W7 with accessories at a cost of \$18,348.00.

Following Mr. Betz's presentation, he asked the Board to approve these expenditures which would be funded through a 2009 Backlog Reduction Grant. After further discussion, Steve Harsman moved for approval. His motion was seconded by Michelle Roberts. Motion carried unanimously.

Agenda item number was a request from the Miami Valley Regional Crime Laboratory seeking the Board's approval of a project to upgrade their AFIS Computer system at total cost of \$596,860.60. Ken Betz explained this system is the system that serves all the police agencies. Mr. Betz further explained the need for the upgrade and what would be achieved as part of the Miami Valley AFIS upgrade. This project would include software upgrade by Cogent Systems at a cost of \$517,700.00 and hardware equipment purchased from MNJ Technologies at a cost of \$79,160.60. He told Board members they were fortunate to have the support of the Criminal Justice Council when they pursued state and federal monies for this project. Mr. Betz said they were able to obtain the following grants:

\$ 325,000.00 for CAFIS Upgrade from a stimulus grant

\$ 125,000.00 for PMA Upgrade from a JAG Grant

He explained the remaining \$146,860.60 would come from their equipment replacement budget. After Mr. Betz presented the request, Judy Dodge made motion to approve the request. Motion was seconded by Betty Smith. Motion carried unanimously.

The Chair informed Board members agenda item number four, Environmental Services' request, was pulled from the agenda.

In other business, James Alford updated Board members on the situation with the Public Defender's Office. Mr. Alford reported his staff members were able to move the Public Defender's Office back on

ADP BOARD MEETING

June 9, 2010

Page 3 of 3

the County's network including hardware and internet service changes in less than seven days. He pointed out it took their former IT Director 7 to 8 months to remove the office from the County's network. Mr. Alford apprised the Board there are a few little clean-up items they are working on like moving some of the IP addresses back over. He reported, for the most part, they are up and running and the attorneys are very happy. Mr. Alford wanted to thank Steve Glardon, John Sharp, Craig Roberts, Ellis Shockley, and Joe Hummer for accomplishing this task so timely and efficiently. Following this update there was a brief discussion concerning their outstanding invoices from PC Solutions and Time Warner Cable. John Cumming said it would be up to the Public Defender's Commission and the Board of County Commissioners to decide if these invoices are going to be paid under a moral obligation because there is not a legal one. Willis Blackshear reiterated his suggestion from last month that all county boards be notified of the rules and procedures for data processing-related procurements. He was hopeful this would be accomplished by next month.

There being no further business, Steve Harsman moved to adjourn. Betty Smith seconded the motion. Motion carried unanimously.

Respectfully submitted,

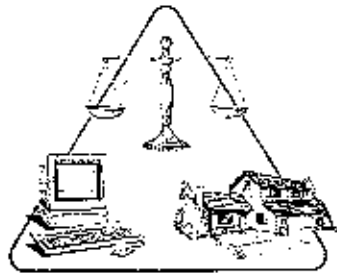


KARL L. KEITH, Secretary  
Automatic Data Processing Board

KLK/bru

Attachment

FILE COPY



**KARL L. KEITH**  
**MONTGOMERY COUNTY AUDITOR**

451 WEST THIRD STREET • P.O. BOX 972 • DAYTON, OH 45422

June 3, 2010

Mr. Willis Blackshear, Chair  
Automatic Data Processing Board  
451 West Third Street  
Dayton, OH 45422

Dear Mr. Blackshear:

An Automatic Data Processing Board meeting has been scheduled for **Wednesday, June 9, 2010 at 9:00 a.m. in the 6<sup>th</sup> floor Data Processing Training/Conference Room.** The agenda will be as follows with supporting documentation attached.

- (1) Minutes from the May 12, 2010 meeting
- (2) Coroner/Crime Laboratory - Upgrade of CCL computer system (\$46,058.00)
- (3) Crime Laboratory - AFIS Upgrade
- (4) Environmental Services - IP Radio Network Link Project (approximately \$145,157.82)

Sincerely,

KARL L. KEITH, Secretary  
Automatic Data Processing Board

KLK/bru

**Attachments**

Cc: ADP Board Members  
James Alford, Data Processing Director  
Debbie Andrews, Records Manager  
Paul Robinson, Chief Deputy Treasurer  
James Drubert, Common Pleas Court Administrator  
Tim Nolan, OMB

Mr. Blackshear  
Page 2  
June 3, 2010

Cc: John Cumming, Assistant Prosecuting Attorney  
Bill Engel, Data Processing  
Steve Glardon, Data Processing  
Ellis Shockley, Data Processing  
Roy Sigritz, Administrative Services  
Mike Spirk, Telecommunications  
Vicky Brady, Domestic Relations Court  
Rhonda Tutt, Domestic Relations Court  
Michael J. Howley, Domestic Relations Court  
Shawn Waldman, Sheriff's Office  
Debra Harden, Recorder's Office  
Linzie Oliver, Clerk of Courts' Office  
Matt Hilliard, Environmental Services-IT/GIS Dept.  
Angela Coe, OMB  
Emily Jackson, Commissioner Dodge's Office  
Kenneth M. Betz  
News Media

---

---

*Montgomery County, Ohio*

---

---

**AUTOMATIC DATA PROCESSING BOARD MEETING**

June 14, 2010

**PRESENT:** Willis Blackshear, Chair  
Greg Brush, Vice-Chair  
Michelle Roberts for Karl Keith, Secretary  
Judy Dodge, Member  
Dr. James Davis, Member  
Jim Drubert for Judge Barbara Gorman, Member  
Paul Robinson for Carolyn Rice, Member  
Steve Harsman, Member  
Betty Smith Member  
Shawn Waldman for Sheriff Phil Plummer, Member  
Captain Rob Streck, Sheriff's Office  
Roy Sigritz, Central Services  
James Alford, Data Processing  
Bill Engel, Data Processing  
Ellis Shockley, Data Processing  
Kim Wong, Data Processing  
Betty Upshaw, Data Processing Administrative Assistant

The Chair, Willis Blackshear, called the June 14, 2010 special Automatic Data Processing Board meeting to order. (A copy of the agenda is attached hereto for reference.)

After a brief discussion, the Chair informed the Board the late request (Late Agenda item number 2) submitted by the Sheriff's Office last Friday had been pulled from the agenda. The Chair said the item would be discussed at the Board's next meeting.

Next, the Board of Elections presented the Board with the emergency request to purchase equipment needed to conduct the expedited special congressional primary election on July 13, 2010. Steve Harsman gave the Board some background information on the state legislature passing an emergency provision allowing counties conducting the election to reduce polling locations to a maximum of four county-wide regional sites to reduce costs. Mr. Harsman told the Board this equipment would be needed to conduct an election in this manner. He also informed the Board the state would be reimbursing the county the full cost of this equipment under the Ohio Revised Code section 3521.03. Mr. Harsman asked the Board to approve the following items needed to conduct this election:

- Ballot Printing System from Advanced Ballot Solutions at a cost not to exceed \$25,000.00 (Agenda item number 1a.)

ADP BOARD MEETING

June 14, 2010

Page 2 of 2

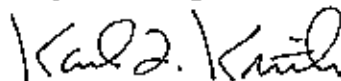
Mr. Harsman explained this system would be needed to have the ability to print individual precinct ballot for any specific precinct assigned to the regional site to meet the provisions of state law.

- ExpressPoll-5000 Systems from ES & S at a cost not to exceed \$65,000.00 (Agenda item number 1b.)

He explained the ExpressPoll-5000 System would be needed to allow the volume of precincts to be combined for a regional vote center. Following Mr. Harsman's presentation, there was discussion on the logistics of the four county-wide regional polling sites and how this special election would run. After further discussion concerning ongoing maintenance costs, present and future cost savings, and the uniqueness of both systems to the voting registration and tabulation system (sole source), the Chair entertained a motion to approve each system separately. Greg Brush made a motion to approve the Board of Elections' request to purchase the Ballot Printing System from Advanced Ballot Solutions at a cost not to exceed \$25,000.00. The motion was seconded by Jim Drubert. Motion carried unanimously. Dr. James Davis moved for approval of their request to purchase an ExpressPoll-5000 System from ES & S at a cost not to exceed \$65,000.00. Michelle Roberts seconded the motion. Motion carried unanimously.

There being no further business, Dr. James Davis moved to adjourn. Greg Brush seconded the motion. Motion carried unanimously.

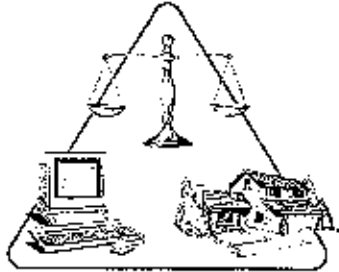
Respectfully submitted,



KARL L. KEITH, Secretary  
Automatic Data Processing Board

KLK/bru

Attachment



FILE COPY

**KARL L. KEITH**  
**MONTGOMERY COUNTY AUDITOR**  
451 WEST THIRD STREET • P.O. BOX 972 • DAYTON, OH 45422

June 10, 2010

Mr. Willis Blackshear, Chair  
Automatic Data Processing Board  
451 West Third Street  
Dayton, OH 45422

Dear Mr. Blackshear:

A special Automatic Data Processing Board meeting has been scheduled for Monday, June 14, 2010 at 9:00 a.m. in the 6<sup>th</sup> floor Data Processing Training/Conference Room. The agenda will be as follows with supporting documentation attached.

(1) Board of Elections -

(a) Ballot Printing System from Advanced Ballot Solutions  
(cost not to exceed \$25,000.00)

(b) ExpressPoll-5000 System from ES & S (cost not to exceed \$65,000.00)

(2) Sale Item - Sheriff's Office - Emergency Notification System from Everbridge (cost of \$160,000.00) - pulled from agenda.

Sincerely,

*Karl L. Keith*

KARL L. KEITH, Secretary  
Automatic Data Processing Board

KLK/bzu

Attachment

cc: ADP Board Members  
James Alford, Data Processing Director  
Debbie Andrews, Records Manager  
Paul Robinson Chief Deputy Treasurer  
James Drubert, Common Pleas Court Administrator  
Tim Nolan, OMB  
John Cumming, Assistant Prosecuting Attorney

Mr. Blackshear  
Page 2  
June 10, 2010

cc: Bill Engel, Data Processing  
Steve Glardon, Data Processing  
Ellis Shockley, Data Processing  
Roy Sigrütz, Purchasing  
Mike Spirk, Telecommunications  
Vicky Brady, Domestic Relations Court  
Rhonda Tutt, Domestic Relations Court  
Michael J. Howley, Domestic Relations Court  
Shawn Waldman, Sheriff's Office  
Debra Harden, Recorder's Office  
Linzie Oliver, Clerk of Courts' Office  
Matt Hilliard, Environmental Services-IT/GIS Dept.  
Angela Coe, OMB  
Emily Jackson, Commissioner Dodge's Office  
News Media

42



# MONTGOMERY COUNTY SHERIFF'S OFFICE

June 16, 2010  
(937) 225-4192 Phone  
(937) 225-4764 Fax  
[plummerp@mcohiq.org](mailto:plummerp@mcohiq.org)

Phil Plummer, Sheriff  
345 West Second Street  
P.O. Box 972  
Dayton, OH 45422-2427

Montgomery County Auditor  
Karl L. Keith  
451 West Third Street  
Dayton, OH 45422

**RE: Request for a Special Data Processing Board Meeting.**

Mr. Keith,

The Montgomery County Regional Dispatch Center (RDC) has the opportunity to contract with Everbridge, Inc. for an emergency telephone notification service. The funding is provided by the 2009 State Homeland Security Program grant. The cost is \$160,000 and is being purchased using GSA pricing (GS-35F-0692P).

Everbridge will allow the RDC to make mass telephone notifications to the citizens of urgent information in specific geographical areas. The system will be used primarily by agencies served by the RDC, however, all public safety agencies in the County, as well as the EMA will have immediate access to the system.

We are requesting a special Data Processing Board meeting because on June 30, 2010, Miamisburg, Clayton, and Germantown's contract with their emergency notification systems expire. During negotiations to join the RDC, the County agreed to provide this system to every agency the center serves.

I appreciate your assistance to expedite this matter.

Sincerely,

**PHIL PLUMMER,  
SHERIFF**

CC: Shawn Waldman  
Captain Rob Streck



#3



## Montgomery County Sheriff's Office

Department of Information Technology Services

Shawn C. Waldman - Director

---

June 18th, 2010

Mr. Karl Keith  
Montgomery County Administration Building  
451 W. Third St.  
Dayton, OH 45422-1027

Mr. Keith,

The Sheriff's Office is requesting authorization from the ADP Board to enter into an agreement with Tiburon, Inc. for the development of a "Message Switch" to be used by the City of Dayton to interface their "MIS" system with Tiburon. This interface is part of the overall agreement to integrate them into the Regional Dispatch Center this year. Back in February, the ADP board approved the Phase 1 message switch work, we are coming back to get the final phase 2 piece approved.

The cost of the message switch for Phase 2 is \$32,625 which will be funded completely by the City of Dayton. The funds will be transferred by the City to the Sheriff's Office for us to pass to Tiburon. The City cannot work directly with Tiburon due to the master agreement around the Sheriff's Office Tiburon installation.

The Montgomery County Commission approved the inter-governmental agreement between the City and the County for this activity.

This work is an add-on to the current Tiburon agreement that is already in place and is proprietary work that can only be completed by Tiburon to interface with our system.

Thank You,

Shawn Waldman  
IT Director



Tiburon, Inc.  
10000 Avenida de las Arroyos, Suite 200  
Burlington, CA 94010  
USA

T: 415.621.2740  
F: 415.621.2740

www.tiburon.com

June 17, 2010

Mr. Shawn Waldman  
Montgomery County Sheriff's Department  
345 West Second Street  
Dayton, OH 45422

Subject: Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)

Reference Agreement: Agreement for Extended Services between Tiburon, Inc. and Montgomery County, dated January 18, 2001

Dear Shawn:

Tiburon, Inc. is pleased to present the Montgomery County Sheriff's Department (hereinafter, "Client") with this Enhancement Proposal to an interface between the CAD/2000 system and the Dayton Message Switch – Phase II (hereinafter, referred to as the "Proposal").

#### Scope Description and Responsibilities

The attached Exhibit 1, Statement of Work describes the project tasks, responsibilities of each party and defined completion criteria. In addition, this transfer process modification will be repeated for 7.5 systems after the cutover occurs in Q3 2010.

#### Price Description

- 1) Proposal firm fixed price: \$ 32,625
- 2) The Tiburon Annual Maintenance Fee will increase by the following amount as a result of this Proposal: \$0.00
- 3) One (1) Year Warranty is not included.
- 4) Training and Documentation is not included.
- 5) Travel and on-site time is not included.
- 6) This Proposal does not include any taxes levied by a government agency. Taxes, if applicable are the sole responsibility of the Client.

Effective Date and Payment Schedule

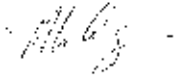
- 1) The work described herein will be scheduled to commence at a mutually agreeable date after Client's acceptance of this Proposal.
- 2) Payment Schedule:
  - 50% Upon Tiburon receipt of the signed acceptance of this Proposal.
  - 50% Upon achievement of the listed completion criteria.
- 3) Client's acceptance of this Proposal in the signature block provided below, authorizes Tiburon to proceed with the work described herein and confirms funding will be obligated. Any requisite contractual documents required by Client's purchasing procedures are the responsibility of the Client.
- 4) The terms and conditions of the above referenced Agreement, and this Proposal prevail regardless of any conflicting or additional terms and conditions on any Purchase Order or other correspondence. Any contingencies or additional terms obtained on any Purchase Order are not binding upon Tiburon. All Purchase Orders are subject to approval and acceptance by Tiburon.
- 5) This fixed price Proposal is valid through August 31, 2010.

The Remainder of this Page Intentionally Left Blank

Mr. Shawn Waldman  
Montgomery County Sheriff's Department  
Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)  
Page 3 of 17

Upon review and acceptance of this Proposal, please sign below and return the signed copy of the Proposal to Mark Sykes via e-mail at [Mark.Sykes@Tiburonic.com](mailto:Mark.Sykes@Tiburonic.com) or fax 510-217-6466. If you have any questions or require further information, please contact me (414-687-5213) at your convenience.

Sincerely,



Mark Sykes  
Account Manager

Attachments:

- Exhibit 1: Statement of Work
- Exhibit 2: Dayton MSS Description

cc: Joe Sperber, Sales Executive

---

By this signature, Client accepts this Proposal

---

Signature

---

Date

---

Printed Name / Title

# Exhibit 1

## Statement of Work

### Scope Description

Phase II – CAD/2000 Incident/unit History Transfer:

The following are tasks to transfer CAD data to the Message Switch for Dayton to update their internal RMS system.

1. In the program that receives the FI (Incident History) and FU (Unit History) records, the program will need to be modified to add 'Enroute', 'Transport' and 'Transport Complete' dates, times and data to the FU record.
2. Modify the program logic to only send 'Status Segment' (FS) records when the call is closed. The FI and FU records will be sent at all trigger points, Transport, In-service and Call Closed.
3. Jointly with client and Dayton PD/FD, determine how the records will be identified for inclusion with the records transmitted to Dayton through Message switch (this can be by Jurisdiction, darea (District), agency, other {to be determined?})  
Note: Once this is decided, the client cannot add new records for Dayton without notifying Tiburon
4. Modify the program that writes FI/FU and FS records to the transfer queues to write to separate queues for Dayton transfer.
5. Identify, define and create a new process and queue for use by this transfer.
6. Establish process to Monitor queue for triggering the movement of record data from Tiburon staging area to transfer to Dayton Message Switch..

The following is the process needed to provide the interface mechanism that will monitor the file folder that the Non-CAD file transfer files are written to and transfer the content of those folders to the Dayton Switch for conversion and upload into their MIS.

1. A modified version of the DMPP-2020 module written for the Dayton MDC traffic will be created that will periodically check for the existence of files in the export folder.
2. If the link to the Dayton switch is up and ready, the oldest file will be read from the folder and the content will be encapsulated in a DMPP-2020 envelope and sent to the Dayton Switch for processing.
3. The Switch will provide an acknowledgement and interface will delete the just sent file and then continue the check, send, wait for an acknowledgement and delete loop until the folder is empty.
4. The interface will then return to its periodic check loop of the folder until there is again something to send.

This process will be utilized for each of the transition sets that are "identified, packaged, triggered for staging, sent and cleaned up" upon the successful transmission and acknowledgement.

- **Installation and testing:** the modified programs will be implemented in Test/Train system and validated prior to promotion to the production environment and cutover.
  - a. After development in-house and upon notification that Dayton is ready to test the interface, the new components will be installed and the Dayton mobile terminals will be defined to the Test CAD/2000 system and the components will be started and initial testing will be performed.
- **Testing and Shakeout of Issues in Test**
  - a. A period of testing of the records staging, monitoring and the interface transfer process, Tiburon will make the necessary modifications, will be performed to assure all parties that the interface is ready to be used in the live CAD/2000 system. The methodology to identify interface connection issues and error resolution will be discussed and finalized.
- **Production Cutover:** upon successful testing a cutover will be planned and all parties notified and engaged in the final movement to production.

*Note: This transfer process modification will be repeated for 7.5 systems after the cutover occurs in Q3 2010.*

#### Tiburon Responsibilities

- 1) Prepare internal design.
- 2) Modify the application per the Scope Description.
- 3) Install the modified code in the client's test environment.
- 4) Correct any discrepancies in operation, based on the Scope Description, post client testing.
- 5) Install the modified code in the client's production environment.

#### Client Responsibilities

- 1) Designate a person to be the principal point of contact for all technical questions and administrative arrangements relating to this Enhancement Proposal.
- 2) Provide VPN access to Tiburon development personnel.
- 3) Test the code for conformance with the Scope Description.

#### Completion Criteria

This work will be considered complete ten (10) business days after Tiburon has provided the Client with written notification that the interface is ready for testing in the test system, or the interface has been

placed into production, whichever comes first. If Client does not confirm completion with a sign off letter presented by the Tiburon project manager within ten (10) business days of submittal of such letter, or otherwise notifies Tiburon in writing why completion sign-off has not been provided any final invoice(s) will be issued and will be payable in accordance with the payment terms of this Enhancement Proposal.

## Exhibit 2

### Dayton MSS Description

The data transfer to the Dayton MSS will require modification of the rmx.cob program to select Dayton Police and Fire calls for separate handling. Instead of going through the normal RMS and CFS transfer logic, these calls will be handled by program callxfer.cob. This program process CFS records (type FI or PI) and the status segment records for the call (type FS or PS) in that order. Then a Unit History record is created (type FU or PU) is created.

The files are written to directory \$PROJECT/rmstransfer/police/ for Law and to \$PROJECT/rmstransfer/fire/ for Fire. The File names are constructed as follows. Note that nnnnnnnnnnnn is the full CAD complaint number.

**Law**

- ePPnnnnnnnnnnnn CFS data record
- nPPnnnnnnnnnnnn CFS segment data
- uPPnnnnnnnnnnnn Unit History data

**Fire**

- ePFnnnnnnnnnnnn CFS data record
- nPFnnnnnnnnnnnn CFS segment data
- uPFnnnnnnnnnnnn Unit History data

The CFS data record contains the following data:

Field Name	Length	description
call-history-data.		
fout-cfs-segtype	2	Record type value "FI" or "PI"
call-data-area.		
fout-cfs-call	9	CAD Call number
fout-cfs-agency.		
fout-cfs-agen	1	Cad Agency.
fout-cfs-agtype	1	Cad Agency Type
fout-cfs-darea	4	Cad Dispatch area
fout-cfs-hdarea	4	Home dispatch area for call
fout-cfs-inc-date	8	Cad Incident date
fout-cfs-org-call	10	CAD original call type
fout-cfs-call-typ	10	CAD final Call type
fout-cfs-dr.		CAD Case number
fout-cfs-dr-yr	2	Case number year
fout-cfs-dr-nbr	8	Case number
fout-cfs-juris	2	Cad jurisdiction
fout-cfs-rc-date	8	Call initiate date

fout-cfs-rc-time                    6        Call initiate time

Field Name	Length	description
fout-cfs-et-date	8	Call entry date
fout-cfs-et-time	6	Call entry time
fout-cfs-di-date	8	Call dispatch date
fout-cfs-di-time	6	Call dispatch time
fout-cfs-en-date	8	Call enroute date
fout-cfs-en-time	6	Call enroute time
fout-cfs-ok-date	8	Call OK date
fout-cfs-ok-time	6	Call Ok time
fout-cfs-ar-date	8	Call arrival date
fout-cfs-ar-time	6	Call arrival time
fout-cfs-cl-date	8	call clear date
fout-cfs-cl-time	6	Call clear time
fout-cfs-dispo	6	Call disposition
fout-cfs-rd	6	Call law reporting district
fout-cfs-fd	6	Call Fire reporting district
fout-cfs-map	2	Map page
fout-cfs-city	13	City
fout-cfs-loc	40	Location
fout-cfs-apt	7	apartment number
fout-cfs-area	2	spaces
fout-cfs-geo-flag	1	Geo flag
fout-cfs-punit	6	Primary unit
fout-cfs-off1	6	Officer Id 1
fout-cfs-off2	6	Officer Id 2
fout-cfs-off3	6	Officer Id 3
fout-cfs-off4	6	Officer Id 4
fout-cfs-off5	6	Officer Id 5
fout-cfs-off6	6	Officer Id 6
fout-cfs-cross	40	Cross streets
fout-cfs-beat	4	beat or station id
fout-cfs-dupe-to	9	Call number if call was a dup
fout-cfs-priority	1	Cad call priority
fout-cfs-in-prog	1	Cad in-progress flag
fout-cfs-origin	6	Call origin
fout-cfs-prior	1	Cad prior incidents flag
fout-cfs-act-cu	1	CAD Activity Catch up flag
fout-cfs-ph-flg	1	Cad Hazard flag
fout-cfs-os-flg	1	out of service call flag
fout-cfs-ov-flg	1	officer initiated call flag
fout-cfs-alm-lvl	1	fire alarm level
fout-cfs-fire	11	Cross reference call fire
fout-cfs-ems	11	cross reference call ems

Mr. Shawn Waldman

Montgomery County Sheriff's Department

Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)

Page 9 of 17

fout-cfs-ent-did	6	Entry operator id
fout-cfs-disp-did	6	Dispatch operator id

Field Name	Length	description
fout-cfs-nam	72	Reporting party
fout-cfs-adr	50	Reporting party address
fout-cfs-phon	12	Reporting party phone
filler	6	spaces
fout-cfs-gcom	32	Cad get date
fout-lat-long redefines fout-cfs-gcom.		
fout-lat	11	latitude
fout-long	11	longitude
filler	10	spaces

One record is written for each call to be transferred.

The status segment records are processed using the following table.

01 ws-seg-table.

05 filler	pic x(8) value 'DISPATCH'.
05 filler	pic x(5) value 'D MDD'.
05 filler	pic x(8) value 'BACKUP '.
05 filler	pic x(5) value 'D S '.
05 filler	pic x(8) value 'DISP-ENR'.
05 filler	pic x(5) value 'E MDE'.
05 filler	pic x(8) value 'ENROUTE '.
05 filler	pic x(5) value 'E M X'.
05 filler	pic x(8) value 'BACK-ENR'.
05 filler	pic x(5) value 'E S '.
05 filler	pic x(8) value 'BACK-ER '.
05 filler	pic x(5) value 'E S '.
05 filler	pic x(8) value 'RESPOND '.
05 filler	pic x(5) value 'E M '.
05 filler	pic x(8) value 'DISP-RSP'.
05 filler	pic x(5) value 'E MD '.
05 filler	pic x(8) value 'DISP-INS'.
05 filler	pic x(5) value 'E MD '.
05 filler	pic x(8) value 'BACK-RSP'.
05 filler	pic x(5) value 'E S '.
05 filler	pic x(8) value 'BACKRESP'.
05 filler	pic x(5) value 'E S '.
05 filler	pic x(8) value 'TRAFFIC '.
05 filler	pic x(5) value 'E M '.
05 filler	pic x(8) value 'DISP-LAB'.
05 filler	pic x(5) value 'E MD '.
05 filler	pic x(8) value 'SHOP '.
05 filler	pic x(5) value 'E M '.

Mr. Shawn Waldman

Montgomery County Sheriff's Department

Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)

Page 10 of 17

05 filler	pic x(8) value 'ACCIDENT'.
05 filler	pic x(5) value 'E M '.
05 filler	pic x(8) value 'REASSIGN'.
05 filler	pic x(5) value 'E M '.
05 filler	pic x(8) value 'FSHOP '.
05 filler	pic x(5) value 'O M '.
05 filler	pic x(8) value 'RSHOP '.
05 filler	pic x(5) value 'O M '.
05 filler	pic x(8) value 'ONVIEW '.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'TFC-PURS'.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'TFC-STOP'.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'SBJ-PURS'.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'SUS-STOP'.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'SUBJSTOP'.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'ONSCENE '.
05 filler	pic x(5) value 'O M X'.
05 filler	pic x(8) value 'ONSCENOK'.
05 filler	pic x(5) value 'O O M K'.
05 filler	pic x(8) value 'OOS '.
05 filler	pic x(5) value 'O O M '.
05 filler	pic x(8) value 'BACKUPOS'.
05 filler	pic x(5) value 'O S '.
05 filler	pic x(8) value 'BACK-OS '.
05 filler	pic x(5) value 'O S '.
05 filler	pic x(8) value 'DISP-ONS'.
05 filler	pic x(5) value 'O M D O'.
05 filler	pic x(8) value 'BACK-ONS'.
05 filler	pic x(5) value 'O S '.
05 filler	pic x(8) value '1047 '.
05 filler	pic x(5) value 'O M X'.
05 filler	pic x(8) value 'BACK '.
05 filler	pic x(5) value 'O S '.
05 filler	pic x(8) value 'INSPECT '.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'OKAY '.
05 filler	pic x(5) value 'Z M X'.
05 filler	pic x(8) value 'PD-DISP'.
05 filler	pic x(5) value 'R 2 '.
05 filler	pic x(8) value 'REPLACE '.
05 filler	pic x(5) value 'R 2 '.
05 filler	pic x(8) value 'EXCHANGE'.
05 filler	pic x(5) value 'X 2 '.
05 filler	pic x(8) value 'EXCHGUNT'.
05 filler	pic x(5) value 'X 2 '.
05 filler	pic x(8) value 'CANCELED'.
05 filler	pic x(5) value 'Y M C'.

05 filler        pic x(8) value 'CLEAR ' ;  
05 filler        pic x(5) value 'C 1 ' ;  
05 filler        pic x(8) value 'AOR ' ;  
05 filler        pic x(5) value 'C 1 ' ;  
05 filler        pic x(8) value 'CLRCASE ' ;  
05 filler        pic x(5) value 'CC1 ' ;  
05 filler        pic x(8) value 'CLOSE ' ;  
05 filler        pic x(5) value 'YCM N' ;  
05 filler        pic x(8) value 'CC' ;  
05 filler        pic x(5) value 'Y M ' ;  
05 filler        pic x(8) value 'LOGCLOSE' ;  
05 filler        pic x(5) value 'Y M H' ;  
05 filler        pic x(8) value 'INSRVIC' ;  
05 filler        pic x(5) value 'I M ' ;  
05 filler        pic x(8) value 'STATION ' ;  
05 filler        pic x(5) value 'I M ' ;  
05 filler        pic x(8) value 'RETURNNG' ;  
05 filler        pic x(5) value 'I M ' ;  
05 filler        pic x(8) value 'PREEMPT ' ;  
05 filler        pic x(5) value 'P M ' ;  
05 filler        pic x(8) value 'LOGTRFR' ;  
05 filler        pic x(5) value 'C M H' ;  
05 filler        pic x(8) value 'AVAIL' ;  
05 filler        pic x(5) value 'C M ' ;  
05 filler        pic x(8) value 'AVAILOS' ;  
05 filler        pic x(5) value 'C M ' ;  
05 filler        pic x(8) value 'STATIONS' ;  
05 filler        pic x(5) value 'I M ' ;  
05 filler        pic x(8) value 'ON-RADIO' ;  
05 filler        pic x(5) value 'I M ' ;  
05 filler        pic x(8) value 'ON-PAGER' ;  
05 filler        pic x(5) value 'I M ' ;  
05 filler        pic x(8) value 'MOVE ' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'OUTS ' ;  
05 filler        pic x(5) value 'U ME ' ;  
05 filler        pic x(8) value 'REPAIRS ' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'MEAL' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'UNITMOVE' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'M-REPAIR' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'F-REPAIR' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'S-REPAIR' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'SCHOOL ' ;  
05 filler        pic x(5) value 'U M ' ;  
05 filler        pic x(8) value 'FUEL ' ;  
05 filler        pic x(5) value 'U M ' ;

Mr. Shawn Waldman

Montgomery County Sheriff's Department

Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)

Page 12 of 17

05 filler	pic x(8) value 'OUT-HOSP'.
05 filler	pic x(5) value 'T M '.
05 filler	pic x(8) value 'SIGNAL-8'.
05 filler	pic x(5) value 'T M '.
05 filler	pic x(8) value 'TRANSPRT'.
05 filler	pic x(5) value 'T 1 '.
05 filler	pic x(8) value 'TRANSCMP'.
05 filler	pic x(5) value 'H 1 '.
05 filler	pic x(8) value 'AT-HOSP '.
05 filler	pic x(5) value 'H 1 '.
05 filler	pic x(8) value 'SIGNAL10'.
05 filler	pic x(5) value 'H 1 '.
05 filler	pic x(8) value 'ENTRY '.
05 filler	pic x(5) value ' RME '.
05 filler	pic x(8) value 'CASE '.
05 filler	pic x(5) value ' CM '.
05 filler	pic x(8) value 'DUP-TO '.
05 filler	pic x(5) value ' D '.
05 filler	pic x(8) value 'CROSSREF'.
05 filler	pic x(5) value ' X '.
05 filler	pic x(8) value 'CHANGEID'.
05 filler	pic x(5) value 'XU2 '.
05 filler	pic x(8) value 'LOGENTRY'.
05 filler	pic x(5) value ' ME '.
05 filler	pic x(8) value 'RQASSIST'.
05 filler	pic x(5) value ' ME '.
05 filler	pic x(8) value 'FIELD '.
05 filler	pic x(5) value ' ME '.
05 filler	pic x(8) value 'PENDING'.
05 filler	pic x(5) value ' M X'.
05 filler	pic x(8) value 'CODE-4 '.
05 filler	pic x(5) value ' M X'.
05 filler	pic x(8) value 'HAZARD '.
05 filler	pic x(5) value ' MH '.
05 filler	pic x(8) value 'ID '.
05 filler	pic x(5) value ' H '.
05 filler	pic x(8) value 'CHGLOC '.
05 filler	pic x(5) value ' L1 '.
05 filler	pic x(8) value 'ADMIN '.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'ADMINU '.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'BIKE-PAT'.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'GATE '.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'COURT '.
05 filler	pic x(5) value 'O 1E '.
05 filler	pic x(8) value 'DISP '.
05 filler	pic x(5) value 'E 1E '.
05 filler	pic x(8) value 'DIR-PATR'.
05 filler	pic x(5) value 'O 1E '.

Mr. Shawn Waldman

Montgomery County Sheriff's Department

Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)

Page 13 of 17

```
05 filler      pic x(8) value 'PUB-EDU ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'ESCORT ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'FOOT-PAT',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'LIGHTS ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'LAKE-PAT',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'LUNCH ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'PER-BRK ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'RADMAINT',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'RANGER ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'TRAINING',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'VACCHECK',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(8) value 'MAINT ',
05 filler      pic x(5) value 'O 1E ',
05 filler      pic x(14) value space.
01 filler redefines ws-seg-table.
05 filler occurs 106 times.
  10 ws-seg-name      pic x(8),
  10 ws-seg-type      pic x.
  10 ws-seg-spec      pic x.
  10 ws-seg-n-unit    pic x.
  10 ws-seg-ind       pic x.
  10 ws-seg-out       pic x.
```

The segment name must be in this table and is processed using the following rules.

- \* seg-name: segname name to search on
- \* seg-type: time related
  - \* D - dispatch time
  - \* E - enroute time
  - \* O - onscene time
  - \* C - clear unit
  - \* Y - clear all unit
  - \* P - preempt (clear)
  - \* I - back in service (clear)
  - \* U - unavailable (dispatch as new unit) ????
  - \* T - to hospital/transport
  - \* H - at hospital/complete transport
  - \* R - replace unit (clear & set new unit and time)
  - \* X - exchange (clear & set new unit and time)
  - \* Z - okay time process
- \* seg-spec: special process related

- \* C - case number process
- \* E - entry seg & case number association
- \* (for site having case number w/o case seg)
- \* O - first onscene OK unit process
- \* D - Dupt to call-no scanning
- \* I - ID processing
- \* U - change unit ID
- \* L - change location
- \* R - Remarks processing
- \* X - crossref
- \* (format: agency ag-type "/" number - 16 byte)
- \* seg-n-unit: number of unit to scan
- \* 1-9 - max number of unit to scan for
- \* M - keep scan until low-value,comma,end of seg or
- \* other stop condition hard coded in program
- \* S - skip first unit for police
- \* (if skip-rule is "N" than "S" will act as
- \* "M")
- \* other - not to scan any unit
- \* seg-ind: CHIQ/FHIQ seg-type indicator
- \* E - entry
- \* D - dispatch
- \* H - HAZARD seg
- \* seg-out :output translation for status header
- \* on CHIQ/FHIQ
- \* C - CANCELLED
- \* D - DISPATCHED
- \* E - ENROUTE
- \* O - ONSCENE
- \* N - CLOSED
- \* H - HANDLED
- \* X - output the segment name
- \* K - ONSCENE OK

Note that the number of status segments written is cumulative over the life of the call. The transfer is initiated by the histctl flag in the sname records.

Field Name	Length	description
segment-data.		
fout-seg-segtype	2	value 'FS' or 'PS'
segment-data-area.		
fout-seg-call	9	CAD Incident number
fout-seg-agency.		
fout-seg-agen	1	CAD Agency code
fout-seg-agtype	1	CAD Agency type
fout-seg-inc-date	8	CAD Incident date

Field Name	Length	description
fout-seg-org-call	10	CAD original call type
fout-status-segment-data.		
fout-seg-ctrl	8	spaces
fout-seg-status	8	Status segment name
fout-seg-sn	3	zero
fout-seg-s-date	8	Segment date
fout-seg-s-time	6	Segment time
fout-seg-sdt-ov	1	space
fout-seg-oper	6	Segment entry operator
fout-seg-term	6	Segment entry terminal
fout-seg-dr.		
fout-seg-dr-yr	2	Case No year
fout-seg-dr-nbr	8	Case number
fout-seg-juris	2	Case Jurisdiction
fout-narrative-data.		
fout-narr-page1	3	Number of lines of narrative
fout-narr-line	57	Narrative data (10 occurrences)
fout-unit-clr-time	6	clear time
fout-unit-acup	1	Activity Catchup entry flag

Each status segment that contains one or more unit id's is scanned pulling out the unit id's. a table of these is created and one FS record is written for each unit contained within the status segment. As an example, if an ENROUTE segment is received with three units, then three FS records will be written. Each record will contain the data shown including the date and time the command was issued along with any narrative entered in the comments section of the status segment

The record is shown below.

Field Name	Length	description
segment-data.		
fout-seg-segtype	2	value 'FS' or 'PS'
segment-data-area.		
fout-seg-call	9	CAD Incident number
fout-seg-agency.		
fout-seg-agen	1	CAD Agency code
fout-seg-agtype	1	CAD Agency type
fout-seg-inc-date	8	CAD Incident date
fout-seg-org-call	10	CAD original call type
fout-status-segment-data.		
fout-seg-ctrl	8	spaces
fout-seg-status	8	status segment name
fout-seg-sn	3	zero
fout-seg-s-date	8	Segment date

fout-seg-s-time	6	Segment time
fout-seg-sdt-ov	1	Space
fout-seg-oper	6	Segment entry operator
fout-seg-term	6	Segment entry terminal
fout-seg-dr.		
fout-seg-dr-yr	2	Case No year
fout-seg-dr-nbr	8	Case number
fout-seg-juris	2	Case Jurisdiction
fout-narrative-data.		
fout-narr-page1	3	Number of lines of narrative
fout-narr-line	57	Narrative data (10 occurrences)
fout-unit-clr-time	6	clear time
fout-unit-acup	1	Activity Catchup entry flag

Unit history records are created for the current days Unit History. Transfer of these records is based upon the histctl flag in the sname record. The transfer is cumulative over the life of a unit's shift. The array is based upon the numbr of units contained in a status segment record. For example, if there were 5 units dispatched at one time, there would be a record with r units contained in it and a record with the remaining unit contained in that record. The format is as follows:

Field Name	Length	description
fout-unit-segtype	2	record type value "FU" or "PU"
unit-data-area.		
fout-unit-call	9	CAD Call Number
fout-unit-agen	1	Cad Agency Code
fout-unit-agtype	1	CAD Agency Type – value P or F

The following is an array with 4 occurrences

fout-unit-unitid	6.	Unit Id.
fout-unit-did1	6	Officer Id 1
fout-unit-did2	6	Officer Id 2
fout-unit-did3	6	Officer Id 3
fout-unit-did4	6	Officer Id 4
fout-unit-did5	6	Officer Id 5
fout-unit-did6	6	Officer Id 6
fout-unit-dis-date	8	Dispatch date (all dates mm/dd/yy)
fout-unit-dis-time	6	Dispatch Time (all times hh:mm:ss)
fout-unit-out-date	8	Out of service date
fout-unit-out-time	6	Our of service time
fout-unit-aok-date	8	Unit Ok date
fout-unit-aok-time	6	Unit Ok time
fout-unit-arr-date	8	arrival date
fout-unit-arr-time	6	arrival time
fout-unit-clr-date	8	clear date

Mr. Shawn Waldman

Montgomery County Sheriff's Department

Enhancement Proposal (EP)-276023D: CAD/2000 Interface with Dayton Message Switch (Phase II)

Page 17 of 17

fout-unit-clr-time

6

clear time

fout-unit-acup

1

Activity Catchup entry flag

Note that per agreement with the city of Dayton, we will transfer all records to their system and they will filter out the Montgomery county data. Also, the Dayton records will be transferred to the Montgomery RMS system as well.