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NATIONAL BUREAU OF STANDARDS-1963-A
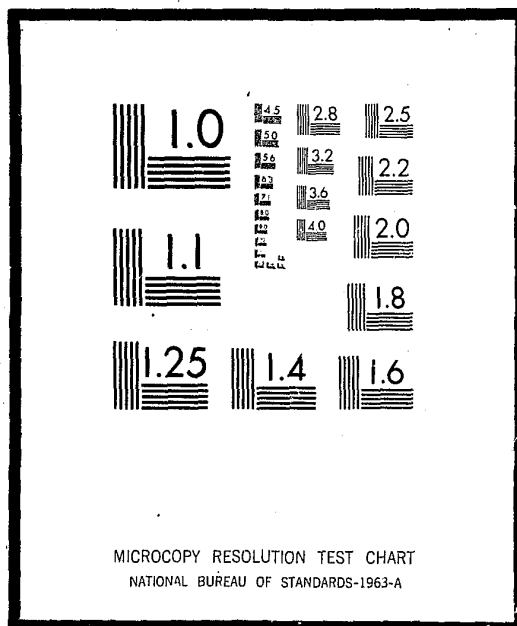
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U.S. DEPARTMENT OF JUSTICE
LAW ENFORCEMENT ASSISTANCE ADMINISTRATION
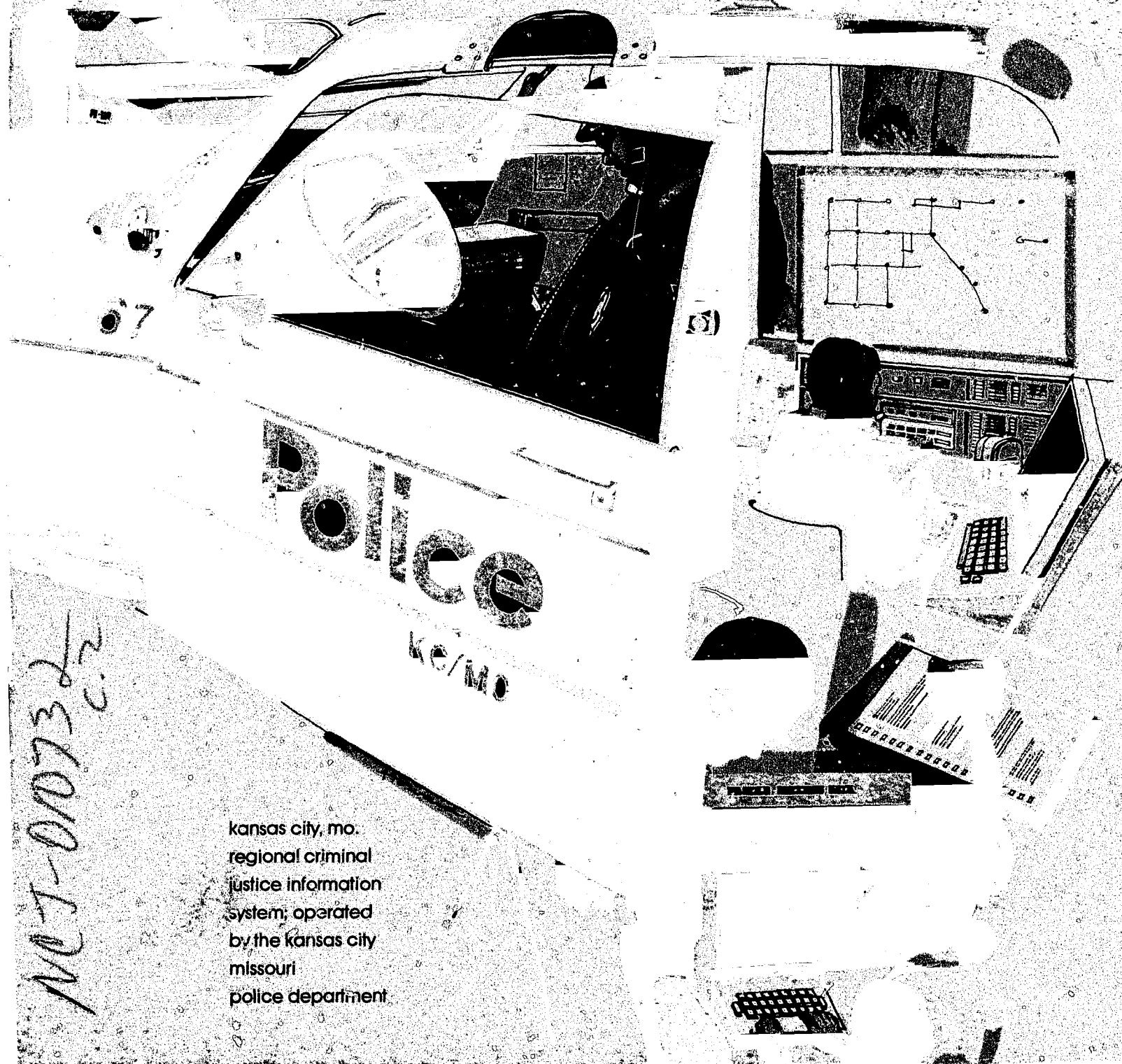NATIONAL CRIMINAL JUSTICE REFERENCE SERVICE
WASHINGTON, D.C. 20531

Date filmed

10/6/75

Alert II

a criminal justice information system

- information data
- operational assistance data
- management assistance data
- research and planning data

Police KC/MO

kansas city, mo.
regional criminal
justice information
system; operated
by the kansas city
missouri
police department

"The On-Line Capabilities of ALERT II has improved the efficiency of our entire Department at least 20 percent."

CHIEF CLARENCE M. KELLY
KANSAS CITY, MISSOURI
POLICE DEPARTMENT

"THE CHIEF ADMINISTRATOR must be firmly convinced that automation will provide distinct advantages to him not possible in manual applications, and he must understand the expense and long range commitment necessary to support automation."

LT. COL. JAMES R. NEWMAN
KANSAS CITY, MISSOURI
POLICE DEPARTMENT

"It appears our American system of criminal justice is over-crowded, overworked, undermanned, underfinanced, and at times misunderstood. The system needs more accurate and timely information and knowledge, it needs more technical resources and it needs more coordination among its many parts. Above all, it needs the willingness to re-examine old ways of doing things, to reform itself, to experiment, to run risks, to dare. It needs vision."

PRESIDENT NIXON'S COMMISSION
ON LAW ENFORCEMENT AND
ADMINISTRATION OF JUSTICE
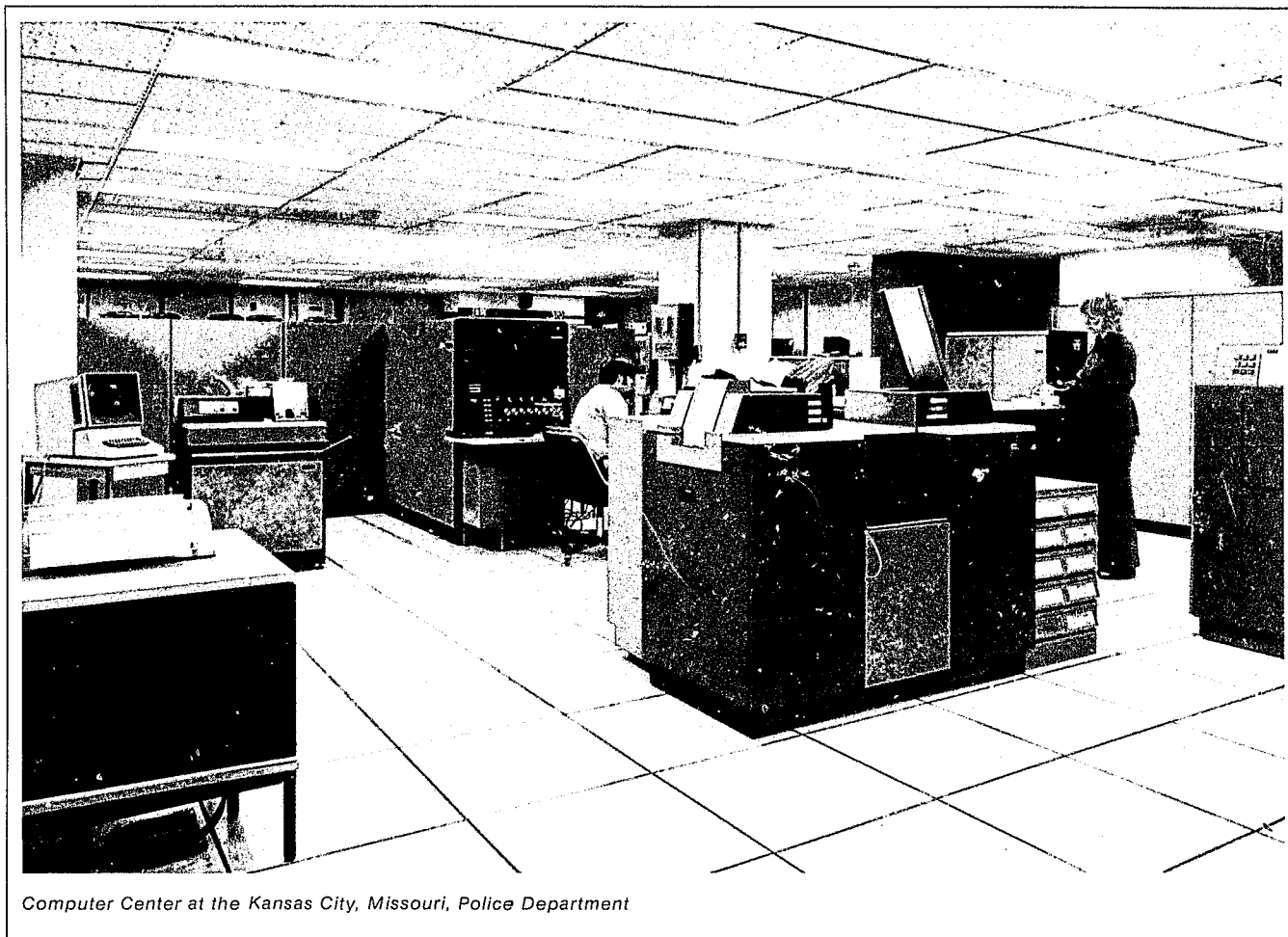
Computer Center at the Kansas City, Missouri, Police Department

introduction

The need for regional criminal justice information systems has been increasingly apparent in recent years in metropolitan areas throughout the United States. The President's Commission on Law Enforcement and Administration of Justice has recommended a broad attack on the total criminal justice information gap and supports the concept of information exchange and immediate access by all concerned agencies to all available information. Their general report "The Challenge of Crime in a Free Society," along with various task force reports, was used to support the Commission's recommendation. In one such task force report the Commission stated:

"The importance of having complete and timely information about crime and offenders available at the right place and the right time has been demonstrated throughout the Commission's work. Modern computer and communications technology permits many users, each sitting in his own office, to have immediate remote access to large computer based central data banks. Each user can and should add information to a central file to be shared by others. Access can be restricted so that only specified users can retrieve certain information...criminal justice can benefit dramatically from computer based information systems."

This brief booklet describes ALERT II—A Regional Criminal Justice Information System designed and operated by the Kansas City, Missouri Police Department to achieve the goals of information availability and operational assistance.

description of Alert II

ALERT II is a computerized data base system on crime, crime incidence, wanted or stolen vehicles, wanted persons, known criminals, etc., for a regional area. The data file is continually interrogated by use of remote terminals located as far away as 200 miles. Information stored on the data files is retrieved on an almost instantaneous response basis. File data is up-dated by terminal users as changes to the status of a given file entry become necessary. This condition effectively makes the file "live" and reflects up-to-the-minute conditions as they actually exist at any time that an inquiry is made. The officer "on the street" has a powerful, effective tool at his disposal which he can activate immediately through his radio dispatcher. The ALERT II software systems concept specifies three files—those three files are Name Index Files, General Purpose Index File and Master File.

name index file

The purpose of this file is to provide an alphabetic grouping of all names involved in any way with the ALERT II System participants. Along with name, the department has the personal identifiers necessary to establish tentative identification and a key that directs the search to the master file for complete information on the individual. This file contains true names, alias names, moniker names, and those business names that have reasons to be in the files.

general purpose index file

The purpose of this file is to maintain one central index file where a check can be made for any numeric identifier that may be associated with a person, an address, an automobile, an offense, or a ticket. Also included here are index entries for court system purposes, which have court date and time as the key, and the offense system entries, which are used for intelligence inquiries and reports.

The types of data included in this file are as follows:

- License number, VIN number (vehicle ID)
- Address
- Warrant number
- Court case number
- CRN (criminal record number for arrest system)
- Four formats of an offense cross-index record
- Prosecutor's office number
- Correctional booking number

master data file

The purpose of this file is to provide one central file where all data concerning an individual or an automobile can be stored together. The data in this file is grouped together by an ALERT number. Within ALERT number several different suffixes cause the data to be grouped and displayed in the sequence desired. The sequence of a complement of records is as follows:

- Name records
- Numeric identifier records
- Address records
- License records
- Warrants or wants
- Informational records
- Arrest information (abstract)

Alert II objectives and concepts

The objectives of the ALERT II System are:

- To assist in the prevention of crime where possible and, in total, to assist in reducing crime.
- To expedite the criminal justice system activities through all of the functions of the cycle and thereby reduce the system backlog.
- To protect the officer on the street.
- To assist the judges, prosecutors, etc., with complete information for easier and more accurate performance of their functions.
- To serve the public good by expediting the activities of criminal justice.
- To provide file storage on reference information retained for criminal justice agencies.
- To provide a common data base and information network which can have data exchange with local, regional, state and national systems.

To achieve these stated general objectives a set of design concepts was devised to guide the creation of the ALERT II system. These are:

- The software, file structures and operating characteristics of the system must provide full range data services to all criminal justice agencies.
- The operating software and equipment must provide for a wide range in telecommunication information interchanges with other criminal justice data centers and the National FBI Data Center.
- The system must furnish responses within ten seconds to inquiries initiated by the field forces.
- The hardware and software must be capable of operating in a multi-programming environment, with law enforcement telecommunications functioning in one partition and administrative report programs functioning simultaneously in a separate partition.
- The system must employ the capability of transmitting "all points bulletins" and other administrative messages through a message-switching system to any of the on-line data communication terminal devices.
- NCIC record formats are used as a guideline for all Systems File format design.
- The data bank in the police computer system must be afforded security and protection of criminal records from access by unauthorized persons or agencies, as required by law enforcement ethics and state law.
- The system must be validated as absolutely accurate, since the citizen's freedom or detention may be involved. Every safeguard must be built into the system to insure that the information is authentic and reliable.
- The system will provide Batch, Remote Batch, Remote Job Entry and On-line service to users on an as needed basis.

security of information

ALERT II is a regional telecommunications system that serves many diverse agencies and users. The nature of its major objective of providing effective useful criminal information imposes a potential problem of security and integrity of information. Explicit description of the security precautions contained within ALERT II operations is beyond the scope of this document but general descriptions are appropriate.
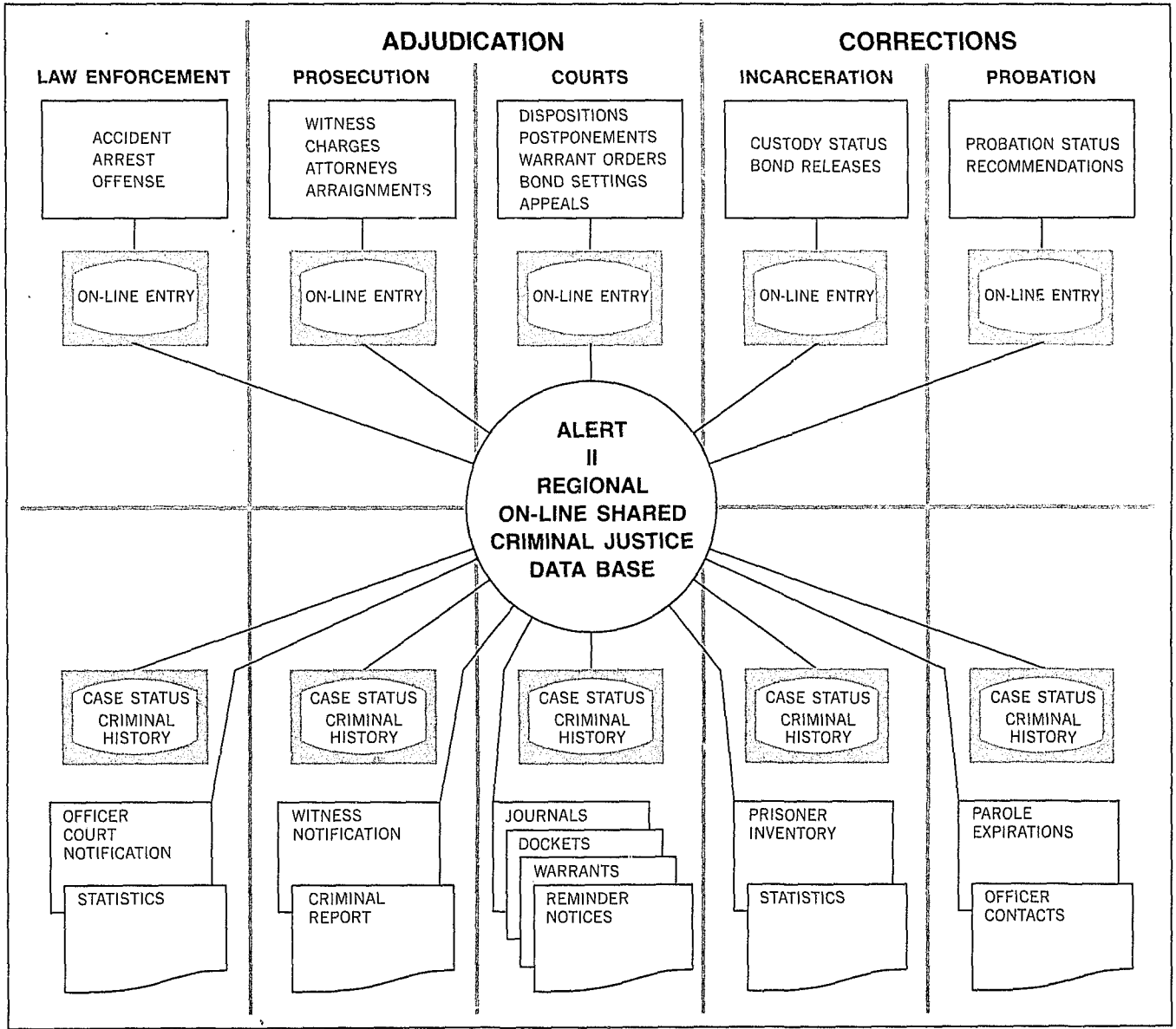
- All user agencies must conform to security standards concerning the use, operation and location of terminal equipment and hard copy output.
- The processing center is responsible to NCIC for maintaining security control and any violations are handled in accordance with the law enforcement code of ethics.
- The software has built-in security to provide effective control of information and automated follow-up procedures to insure integrity of information.

In general, a great amount of time and effort has been expended on ALERT II to insure proper security and integrity and this effort has produced commensurate results.

systems organization description

ALERT II is an all encompassing name used to describe the software that serves all criminal justice agencies on the system. This overall system is made up of many sub-systems that can be grouped into the three traditional areas of law enforcement, adjudication and corrections. The following sections detail how users in criminal justice agencies would interact with the ALERT II system.

ALERT II DATA BASE

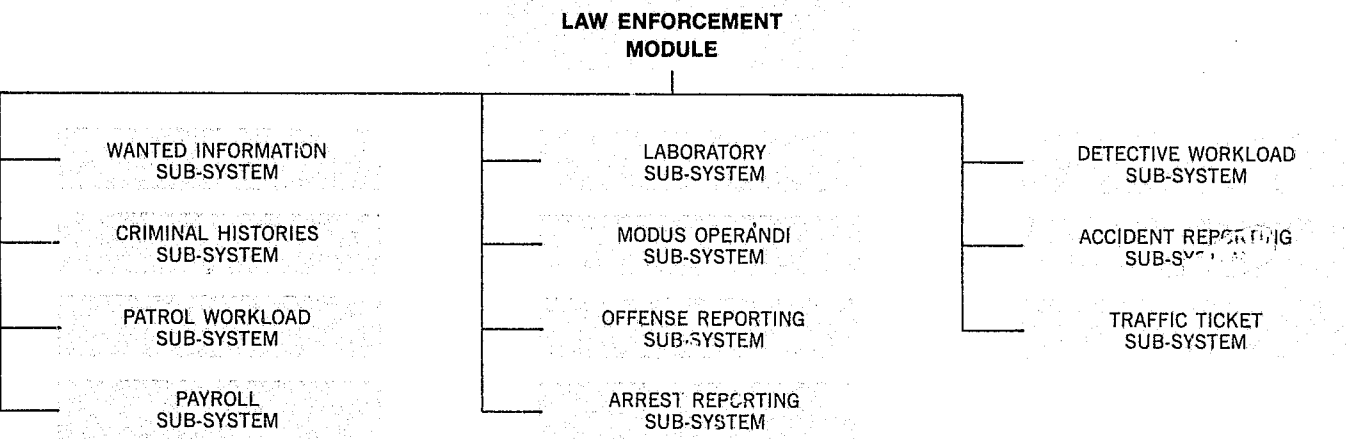| MASTER DATA BASE FILE	NAME	COMMON	→ POLICE SHERIFF PATROL CONSTABLE
	CROSS INDEX	DATA	
		LAW ENFORCEMENT	PROSECUTOR COURTS
		ADJUDICATION	
		CORRECTION	INCARCERATION PROBATION PAROLE
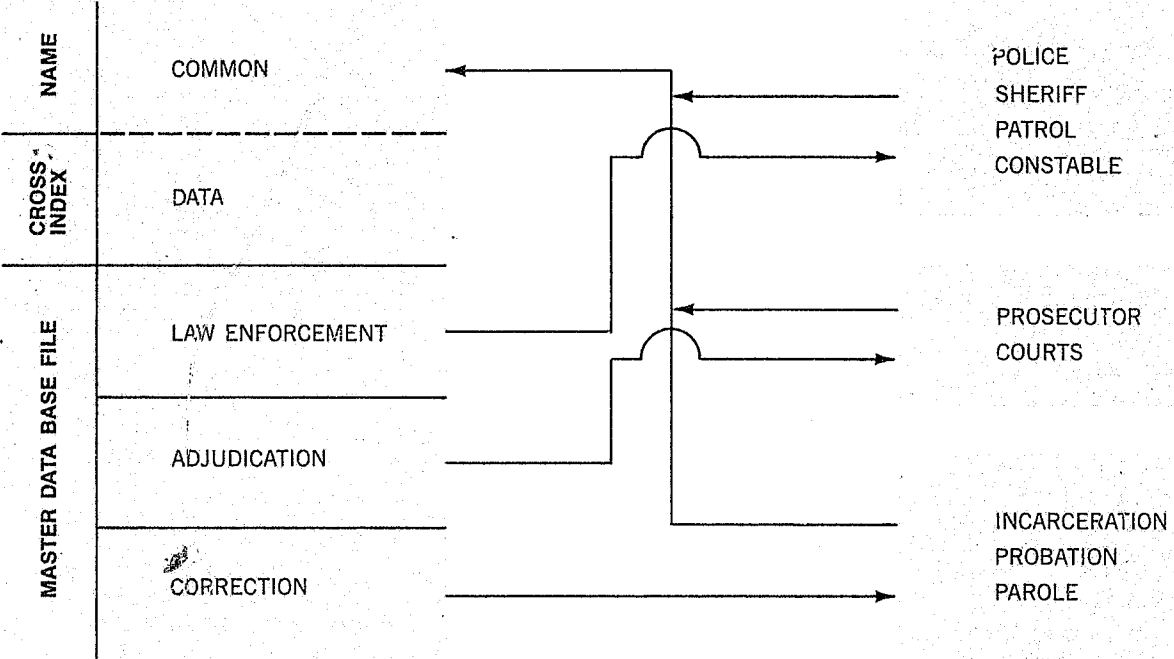
ALERT II SERVICES

	INFORMATIVE	OPERATIONAL AND/OR ADMINISTRATIVE	RESEARCH
LAW ENFORCEMENT	WANT and WARRANT STATUS STOLEN LICENSE CHECK ADDRESS INQUIRY ACCIDENT INFORMATION MESSAGE SWITCHING	ARMED and DANGEROUS TICKET CONTROL UCR REPORTING LAB STATISTICS MODUS OPERANDI OFFICERS WORKLOAD	RESOURCE ALLOCATION BEAT ANALYSIS
ADJUDICATION	CASE STATUS COURT ARRAIGNMENT PROBATION RECORD DRIVERS LICENSE HOLD	CASE INDEXING CALENDERING and DOCKET SCHEDULING WITNESS NOTIFICATION TICKET ACCOUNTABILITY WARRANTS BOND CONTROL CASH AVAILABILITY	CASE LOAD ANALYSIS
CORRECTION	CASE STATUS PROBATION RECORD	RECOMMENDATIONS FOR SENTENCING WITNESS INFORMATION	REHABILITATION ANALYSIS CORRECTION TREATMENT PROBABILITY

LAW ENFORCEMENT

The primary function of the Law Enforcement Module is to provide information pertaining to wanted persons and autos, to provide warning information on potentially dangerous subjects to the officers in the field, and to provide this information as rapidly as possible.

Secondary functions are (1) to provide comprehensive information on arrests, offenses, traffic tickets, vehicular reports, and serialized stolen property to interested units on a real-time basis; (2) to provide management with reports designed to evaluate the effectiveness of the total system and the various sub-systems that comprise the total system; and (3) to provide users with verification and statistical reports that will enable them to maintain the information in the files.

The Law Enforcement Sub-Systems are illustrated below. The cathode ray tube outputs are explained in the following sections.

LAW ENFORCEMENT MODULE

WANTED INFORMATION SUB-SYSTEM	LABORATORY SUB-SYSTEM	DETECTIVE WORKLOAD SUB-SYSTEM
CRIMINAL HISTORIES SUB-SYSTEM	MODUS OPERANDI SUB-SYSTEM	ACCIDENT REPORTING SUB-SYSTEM
PATROL WORKLOAD SUB-SYSTEM	OFFENSE REPORTING SUB-SYSTEM	TRAFFIC TICKET SUB-SYSTEM
PAYROLL SUB-SYSTEM	ARREST REPORTING SUB-SYSTEM	

data retrieval

From any terminal in the system, the user can inquire into the data files. The Display Stations, which are used primarily in the police communication center, display information on a screen and are also used to enter information into the files.
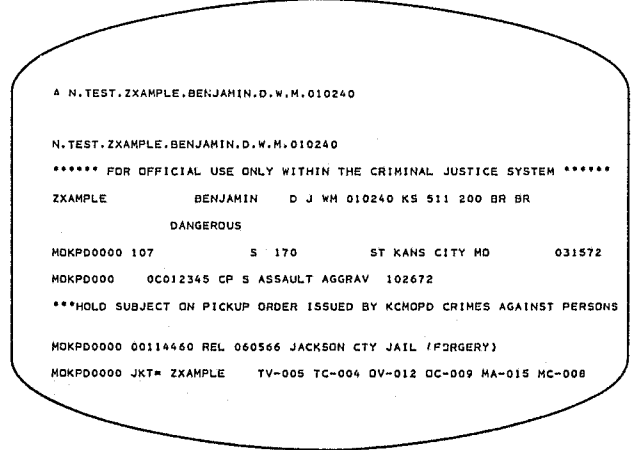
The Communication Terminals, which are used in all other locations serviced by the system, display information in the form of hard copy and are also used for entering information.

The coding structure has been designed to give the inquirer the amount of information he needs under specific conditions. Inquiries can be made by name, license number, vehicle identification number, address, and complaint/warrant number. These inquiries are briefly described below.

name inquiry

The minimum requirement for a name inquiry is last name. An inquiry of this type, however, may yield too many responses to be of help. Additional information in a name inquiry includes first name, middle initial, race, sex, date of birth, height, weight, hair, eyes, operator's license number, and address.

In the case of multiple responses, the operator can select any of the names and receive the complete record on each individual.

```
A N.TEST.ZXAMPLE.BENJAMIN.D.W.M.010240

N.TEST.ZXAMPLE.BENJAMIN.D.W.M.010240
****** FOR OFFICIAL USE ONLY WITHIN THE CRIMINAL JUSTICE SYSTEM ******
ZXAMPLE          BENJAMIN    D J WM 010240 KS 511 200 BR BR
                 DANGEROUS
MOKPD0000 107              S 170        ST KANS CITY MO        031572
MOKPD0000    OC012345 CP S ASSAULT AGGRAV  102672
***HOLD SUBJECT ON PICKUP ORDER ISSUED BY KCMOPD CRIMES AGAINST PERSONS
MOKPD0000 00114460 REL 060566 JACKSON CTY JAIL (FORGERY)
MOKPD0000 JKT= ZXAMPLE    TV-005 TC-004 OV-012 OC-009 MA-015 MC-008
```

Inquiry is shown as first line of illustration.

The complete record includes potential danger to be encountered as well as aliases, address, automobile information, warrants outstanding, and crimes and convictions on file.

The response includes potential danger so that the patrolman and the dispatcher can know in advance how to react to a particular situation.

Name inquiries are phonetic, which means that all possible hits are made, regardless of misspelling or variations in spelling. If even this feature produces no hits, the system compares other available fields of information and displays possible hits based on those fields.

vehicle identification number inquiry

The (VIN) inquiry was established to provide for computer detection of stolen automobiles by vehicle identification number.

This routine is programmed so that if an exact match is not made, the system continues to search and display possible matches, provided the first digit of the VIN is correct and not more than three of the remaining digits are different.

```
Δ PAGE 2

N.TEST.ZXAMPLE.BENJAMIN.D.W.M.010240

****** FOR OFFICIAL USE ONLY WITHIN THE CRIMINAL JUSTICE SYSTEM *

MOKPD0000        RADIO = TEST

MOKPD0000

NO NCIC WANT DOB/010240 NAM/ZXAMPLE, BENJAMIN D SEX/M RAC/W
```

```
Δ V.TEST.V2345678901

V.TEST.V2345678901
NO RECORD FOUND KCMOPD

MOKPD0000        RADIO = TEST
MOKPD0000
NO RECORD   VIN/   V2345678901
```

Inquiry is shown as first line of illustration.

license inquiry

The minimum requirement for a license inquiry is the license number. State of issue may be necessary in rare instances where the same number is used by two states and both are carried in the file.

The license file can include multiple entries of the same license number. This occurs when warrants are issued against several different persons using the same car. An inquiry can also be made on a partial license number, in which case the display would show all license numbers containing the partial number of the inquiry.

address inquiry

An address inquiry will display the names of all persons on file living at a particular address, or living within half a block of that address and on the same street. The inquiry can be made for entire address or partial number and street.

This type of information is particularly useful, for example, when a call is to be made to investigate a disturbance at a particular location.

```
Δ LIL.146.ZZZZ.,P001

LIL 146 ZZZZ    P001

XL2.CH.ZZZZ78  0000020.  MO 67 CHEV BIS   WHI     PROSTITUTION
XL2.CH.ZZZZ82  0000009.  KS 69 CHEV BIS   RED/BLK NO WANTS
XL2.CH.ZZZZ84  0000015.  NR 65 PLYM BAR   BLK     MOVING VIOLATN
XL2.CH.ZZZZ86  0000010.  MO 68 CHRY IMP   RED/WHI NO WANTS
XL2.CH.ZZZZ87  0000011.  MO 66 LINC CON   WHI     FORCIBLE RAPE
XL2.CH.ZZZZ89  0000014.  MO 67 CHEV BIS   WHI     PARKING VIOLATN
XL2.CH.ZZZZ91  0000028.  MO 68 MERC COM   BLK     JUVENILE DELINQ
XL2.CH.ZZZZ92  0000004.  MO 67 CHEV BIS   WHI/BLK NO WANTS
```

```
Δ A.TEST.104.300

A.TEST.104.300
UNABLE TO FIND EXACT ADDRESS
FOUND THESE POSSIBLES
****** FOR OFFICIAL USE ONLY WITHIN THE CRIMINAL JUSTICE SYSTEM **
ZXAMPLE       BERRY     D   WM 070444 KS 509 160 GY MN
MOKPD0000 107       E  300      ST KANS CITY MO       031572
NO WARRANTS OR PICKUPS FOUND
 XM   .TEST.0000007

ZXAMPLE       BARRY     A  NM 112339 MO 509 155 BK BR
ARMED           RESIST ARREST   ***SUBJECT IS 10-31***
MOKPD0000 109       E  300      ST KANS CITY MO       010672
```

uniform crime reporting and administrative reports

The increased awareness of crime and the spiraling costs of crime prevention have necessitated the collection of crime statistics and administrative statistics. The ALERT II System has a full complement of uniform crime reports and effective utilization reports for administrative uses. Below are some examples of typical reports available from the law enforcement sub-systems.

Part I & II Offenses

```
CF116L1            PART I & II OFFENSES
            GREGORY - 85TH / TROOST - STATE LINE

                  JAN. - APR., 1972
                     JUNE 02, 197

                                          REST
                           GREGORY - 85TH   OF    PER CENT OF
MURDER AND NON-           TROOST - STATE LINE  CITY  ENTIRE TOTAL
NEGLIGENT
MANSLAUGHTER                  0          30      0.0%

RAPE                          1         113      0.8%

ROBBERY -                     5         667      0.7%
ASSAULT -
```

Patrol Workload Summary

```
CE031L1            KANSAS CITY MISSOURI POLICE DEPARTMENT              PAGE  1
                        ***RESTRICTED INFORMATION***
                          PATROL WORKLOAD SUMMARY
                TOTAL OF ALL PATROL CARS FOR QUARTER NO. 1

                        NO. INCIDENTS   NO. HOURS   AVG. IN MINUTES   PERCENT OF MAJOR   PERCENT OF TOTAL
01 HOMICIDE
  01 HOMICIDE                 1            2.20         132.0               1%
  02 SUICIDE OR ATTEMPT      128         117.30          55.0              38%
  03 DEAD BODY               130         187.60          86.6              61%
     TOTAL                   259         307.10          71.1             100%             1%
02 SEX OFFENSES
  01 RAPE OR ATTEMPT          67          96.40          86.3              63%
  02 MOLESTATION              25          19.70          47.3              13%
  03 INDECENT ACT             37          27.70          44.9              18%
  04 OTHER                    14           9.30          39.9               6%
     TOTAL                   143         153.10          64.2             100%             0%
03 ROBBERY
```

Radio Calls

```
CE003L1              KANSAS CITY MISSOURI POLICE DEPARTMENT              PAGE  1
                  RESTRICTED INFORMATION - FOR KCMOPD USE ONLY
                  RADIO CALLS BY PATROL BEAT AND TIME OF DAY
                              APRIL, 197

       RADIO TOTAL 2400 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300
       NO. CALLS 0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400
1111    61   11   17    4    9    2    2    6    1    1    0    0    0    0    0    0    1    0    0    0    0    0    0    0    7
1112    87   16   15    8   10    7    4   10    8    1    0    0    0    0    0    0    0    0    0    0    0    0    0    1    7
1113    92   14   25   12   11    6    6    7    2    0    0    0    0    0    0    0    1    0    0    0    0    0    0    0    4
1114    94   17   20    7   11    5    6   10    0    0    0    0    0    3    0    0    0    0    0    0    0    0    0    1   12
1117    17    1    3    3    1    4    1    0    2    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    2
1118     2    0    1    0    0    1    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0
1119    50    8   15    3    6    2    5    6    0    3    0    1    0    0    0    1    0    0    0    0    0    0    0    0    1
1121    52   12   13    3    5    6    5    2    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    0    1
1122    97   13   22   16   11    5    7    9   10    1    0    0    0    1    0    0    0    0    1    0    0    0    0    0    1
1123    73   11   12   12    8    9    5    5    7    1    0    0    0    0    0    0    5    0    0    0    0    0    0    0    3
```

Crimes Against Persons

```
CC016L1          RESTRICTED INFORMATION - FOR KCMOPD OFFICIAL USE ONLY

                       TOTAL TIMES (IN HOURS) BY OFFENSE
                         FOR JAN THRU MAR, 197

                        CRIMES AGAINST PERSONS UNIT
                   MAJOR JAMES F. CAMPBELL, COMMANDING

BURGLARY                  ROBBERY                    LARCENY                     YOUTH & WOMENS
 APPLIANCE STORES    0.0   BANK/FINANCE/CREDIT U 21.0  CON GAMES          2.5    CHILD ABUSE          0.0
 BARBER & BEAUTY SHOPS 0.0 DELIVERY BOY          0.0   LARCENY            0.0    CHILD NEGLECT        0.0
 CHURCHES            0.0   DRUG STORES           6.0   INTERSTATE         0.0    PROTECTIVE CUSTODY   0.0
 CLEANING SHOP & LAUND 0.0 GROCERY STORES      342.5   BICYCLE            0.0    INCORRIGIBLE         0.0
 DRUG & LIQUOR STORES 0.0  HOTELS & MOTELS      70.5   THEFT FROM AUTO    1.0    CONTR TO DEL OF MINOR 0.0
 GROCERY STORES      2.5   JEWELRY STORES        9.5   HOTEL & MOTEL LARCENY 0.0 CASUALTY-ACC SHOOTING 0.0
 PROFESSIONAL OFFICES 0.0  LAUNDRY & CLEANERS   53.5   PAY PHONES         0.0    TRESPASSING          0.0
 MISC. BUSINESS      0.0   RESIDENCES          475.0   PICK POCKET        1.0    LOITER ON SCHOOL GRND 0.0
```

```
CF003L1            THREE YEAR COMPARATIVE REPORT
                     FIRST 4 MONTHS TO DATE
                 PART ONE CLASSIFICATION OFFENSES

              197                197                197

                          CHANGE              CHANGE              CHANGE
                          FROM                FROM                FROM
            ACTUAL CLEARED PERCENT  ACTUAL  CLEARED PERCENT  ACTUAL  CLEARED PERCENT
                          BY    %              BY    %              BY    %
            OFFENSES ARREST CLEARED  OFFENSES PAST  ARREST CLEARED  OFFENSES PAST ARREST CLEARED
                              YEAR                      YEAR
OFFENSE

MURDER & NON-
NEGLIGENT
MANSLAUGHTER    92    38   88.6%      36   30.2%    22   61.6%      30   11.4%     29   93.3%

RAPE           112    71   59.2%      32   27.7%    25   34.8%     112   21.2%     92   82.1%

ROBBERY        863   215   24.8%     139   11.4%   118   25.4%     670    9.3%    247   36.8%

ASSAULT -
AGGRAVATED     570   342   66.1%      96   16.3%   221   62.2%     595   25.3%    663   75.2%

               227   21.2%          1.6%
```
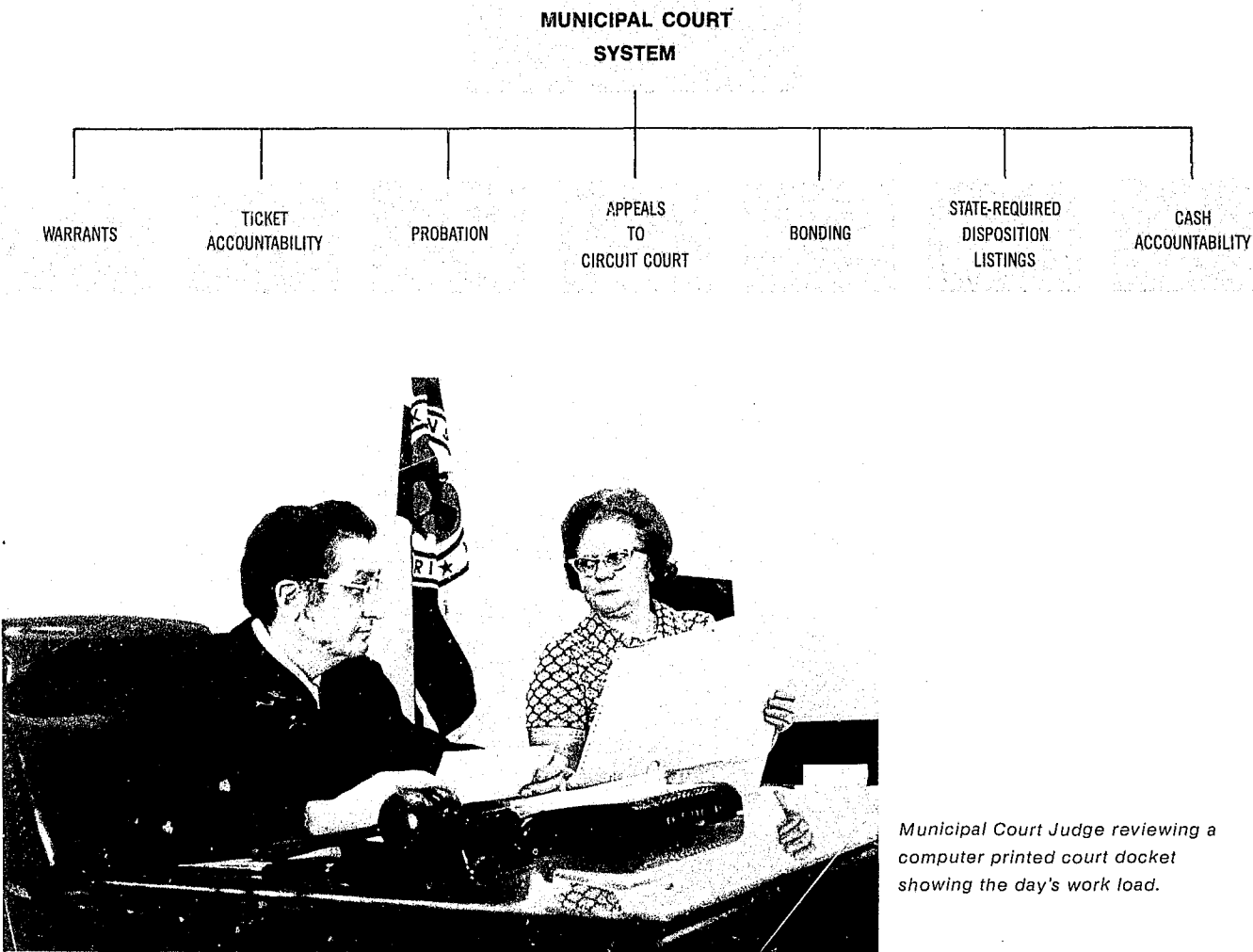
3-Year Comparative Report

ADJUDICATION

municipal court module

The purpose of the on-line municipal court module is to provide information rapidly to the court's staff in order that they may be able to make decisions and expedite the workload of the court. The system is broken down into seven major categories, or sub-systems, all of which are serviced by the ALERT II system. These sub-systems are shown below.

```
                    MUNICIPAL COURT
                        SYSTEM
  ┌──────────┬──────────┬──────────┬──────────┬──────────┬──────────┐
WARRANTS   TICKET    PROBATION  APPEALS   BONDING  STATE-REQUIRED  CASH
        ACCOUNTABILITY            TO              DISPOSITION  ACCOUNTABILITY
                            CIRCUIT COURT          LISTINGS
```


Municipal Court Judge reviewing a computer printed court docket showing the day's work load.

Although ticket accountability is included in the system, the municipal court system actually starts with the issuing of a ticket to a citizen and the setting of court appearance by the officer. Copies of all tickets are sent to the data processing department control section where they are reviewed, checked for completion and batched.

The data entry department enters the information into the computer via the display stations. A series of preformatted masks are displayed and the operator keys in the required data such as name, address, vehicle number, license number, violation code, date of scheduled court appearance, etc.

The system sets up a case record for each violation and, at the same time, updates the ticket accountability record and creates a court date index.

Court dockets for a given day are prepared using the court date index as reference.

These dockets are of two types, as shown in the exhibits. The Traffic Court Cases listing is distributed throughout the police department as a reminder of court appearance. The other listing, the Daily Municipal Court Journal, is sent to the court for noting disposition and later entering that disposition on the courts display station.

Court Dockets

The warrant is printed on the morning of the tenth day after court. It is printed by the police department computer from the on-line shared data base.

The ticket accountability and the warrant programs have proven to be a very successful method of keeping track of all moving and parking violations and have been an excellent revenue producer for the city.

In the case of parking tickets the known information such as license number, date of violation, violation, etc., is entered by the data entry department. The Municipal court clerks can then inquire into the State's license file and complete the record. Reminder notices are then sent to the violators automatically.

Dispatcher viewing license check.

Juvenile officer discussing a problem.
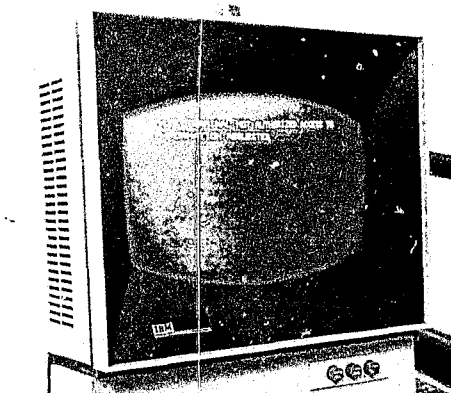
Protection of ALERT data files.
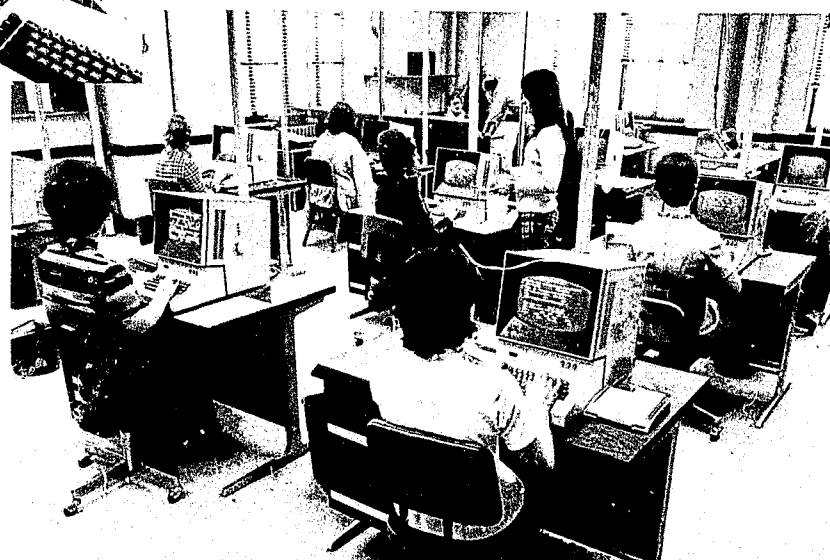
Source data entry from police reports.

Juveniles selected for "rap" session.

Employee pass-card assures computer security.

juvenile court module

The primary purpose of the juvenile court's on-line sub-system is to provide the caseworker and administration staff, as rapidly as possible, information pertaining to juveniles referred to the court. This on-line information system has distinct features that can be of great assistance in the operation of the court:

- Ability to inquire directly into the computer's memory bank concerning a juvenile's past and present relationship with the court and to receive an almost instant reply.

- Ability to update on-line records in the system.

- Ability to provide referral listings of cases initiated by the police.

- Ability to provide computerized arraignment and docket listings and schedule.

- The caseload analysis system, designed to give a detailed account of client contact with deputy juvenile officers.

Making an inquiry to a record prior to adding newly acquired data.

```
NJ.TEST.ZXAMPLE.JUDY.J.WF.112359

NJ.TEST.ZXAMPLE.JUDY.J.WF.112359
ZXAMPLE        JUDY      J  WF  112359 KS 500 105 BN BL
MOKPDOO  2320  B    E  300      ST KANS CITY MO      032272
MOO48JV  LIFE NO/990099 STATUS/01    REFERRALS/001 PETITION NO/ 09933 00000
SCHOOL/ SCARRITT   PARENTS STATUS/ SEP   AREA/4 JUV LVS WTH/SISTER  DICT/000000
MOO48JV  REF/7299999 DT/030172 BY/A TP/1 CHG/0602 LARC  ARRGN DT/030272 TM/1500
HRNG DT/030272 TM/1500 DOCK/ J CONT/01   DISP DT/030372 CHG/0602 LARC  TYPE/16
MOO48JV  BK NO/987654 LDC/TG IN/030172  0402/000000
MOO48JV  C7299999 J  JOHN DOE ATTORNEY FOR JUVENILE
MOO48JV  J0000105 DJO IS PATRICIA BRASINGTON
ALERT/0647777            100%
```

Example of name inquiry for juvenile information. Provides information to juvenile authorities about case status, social information and detention information about youths in the judicial process from the time of police contact until re-entry into society.

data elements—juvenile inquiry

1. Life Number of juvenile. Assigned by Juvenile Court.
2. Court Status.
3. Referrals—the number of times juvenile has been referred to Juvenile Court.
4. Petition number. Assigned by Juvenile Court.
5. School juvenile attends.
6. Parents marital status.
7. Geographical area in which juvenile lives.
8. Person with whom juvenile lives.
9. Dictation Date. Used by Juvenile Court.
10. Referral number. Assigned by Juvenile Court.
11. Date juvenile was referred.
12. Agency that referred juvenile.
13. Referral type.
14. Charge for which juvenile placed in custody. Shows the 4 digit charge code and an explanation of the charge code.

15. Date juvenile was arraigned.
16. Time juvenile was arraigned.
17. Date of court hearing.
18. Time of court hearing.
19. Court Docket Type.
20. Number of continuances.
21. Date of disposition.
22. Charge for which juvenile arraigned.
23. Type of disposition.
24. Booking number. Assigned by Juvenile Court.
25. Location of juvenile.
26. Date juvenile is in detention.
27. Reason juvenile is in detention. (Charge code of offense)
28. Counsel Code, Referral Number, and name of juvenile's attorney.
29. Alert number and name of Deputy Juvenile Officer.

jackson county, missouri—prosecutor

The primary purpose of the prosecutor's on-line sub-system is to provide information as rapidly as possible, pertaining to any case involved in the prosecutor's process. This on-line information system has several features that are of great assistance in the operation of the prosecutor's office:

- Ability to inquire directly into the computer's memory bank concerning a criminal's past and present relationship with the prosecutor, and receive almost instant reply.
- Ability to update on-line records in the system.

- Immediate access to charge-filing information.
- On-line update of court arraignment information.
- Automated magistrate court dockets.
- Automated magistrate criminal reports.
- Machine-processed witness notification labels.

```
PIDT.0101.8888884.ALL
ZXAMPLE          BERRY       D
ARREST NO *0000011 PON 888888 4 PROS 08
DATE COMP 10/22/71 CUSTODY J
FIN DISP BY CIR  CHGS DECL N
REF CASES 0000000 0000000 00000000000000
CHGS 00101 00000
        WITNESS NO 04
JOHN SMITH                  CARDS Y
9103 WORNALL
```


Reviewing information in preparation for data entry to the computer on-line files.

```
KANSAS CITY    MO 64115
ARRAIGNED 02/01/72 CIR DIV 03 JUDGE 03
PROS 13 PLEA N ORIG CT DT 02 10 72 0900
TR DT 02/25/72 0900 DIV 03 JD 03 PRO 13
CONTS BY ST 00 DEF 01 CT 00 AGR 00
COURT CASE NO 123456 DISP POSTED YES
BOND CT CIRCUIT    TYPE S NUMBER 654321
    AMT 0001500 NAME LIBERTY    ROR N
    AMT FOR 0000000 SET ASIDE    0000000
    RED JDG 0000000 COLLECTED    0000000
CONTINUANCE REQUESTED ON 02/20/72 BY D
```

```
PINM.0101.ZXAMPLE.BERRY
ZXAMPLE           BERRY       D
    XPIDT.0101.8888884.ALL
    ARREST NO - *0000011,CIRCUIT CT DISP
    CG1 MURDER 1

    XPIDT.0101.9999992.ALL
    ARREST NO - *0000011,DISP NOT POSTED
    CG1 MURDER 1

    XPIDT.0101.1111121.ALL
    ARREST NO - *0000011,DISP NOT POSTED
```

Example of an inquiry by prosecutor office number to retrieve all the information on a particular case. Due to the extensive nature of the data, a complete search is obtained by making the initial inquiry and then using a series of "paging" commands to display the entire record. This inquiry is useful in ascertaining who the witnesses are on a given case. In addition, it gives detailed information about the current status of the case as it progresses through the criminal justice process.

This inquiry is used to ascertain what case or cases the prosecuting attorney has on a person. This particular example indicates that there are three cases involving four charges against this individual. It also indicates that on the first case he is the fourth defendant. On the second case he is the second defendant and on the third case he is the first defendant.

```
J3101L1                      MAGISTRATE COURT DOCKET
HONORABLE LOUIS J MAZUCH          TUESDAY    JUNE    27, 1972   PAGE  1

011959 158355 1    XXXX        ROBERT    F
                XXX XXXX       BOBBY     F   STEAL UNDER 50  XXXXXX XXXXX
                                                            6302 PROSPECT
                                                            MILGRAMS      3330715
                                                            KANSAS CITY   MO 64130

                                                            CENTRAL PATROL
                                                            PTL  D KIRKPATRICK

                                                            G. A. U.
                                                            DET   R STAAB

011939 158066 1    XXXXX       CHERYL    A   POSS OF NARCOT  XXXXX XXXXXXXX
                                                            1125 LOCUST
                                                            CHEMIST KCMOPD
                                                            KANSAS CITY    MO
```

Magistrate Court Docket
This instrument is prepared for use by the prosecutor. Copies are made and used by other Criminal Justice Agencies, such as the police and sheriff, to assist in informing their officers when to appear in court and on what case.

```
J3104L1                    MAGISTRATE COURT CRIMINAL REPORT
HONORABLE LOUIS J MAZUCH          TUESDAY   JUNE    27, 1972   PAGE   1

011959 158355 1    XXXX          XXXXXX    X   STEAL UNDER 50
                AKA XXXX         XXXXX
                CONTINUED 07/11/72 BY COURT
                CHANGE OF VENUE TO JUDGE BERREY
011939 158066 1    XXXXX         XXXXXX    X   POSS OF NARCOT
                DEFT ON DEFERED PROSECUTION
                DISMISSED BY STATE
011983 158612 1    XXXXXXXXXX    XXXX      X   CARRY CONC WEAP
                CONTINUED 07/11/72 BY DEFENDANT
011995 158644 1    XXXXX         XXXXXX    X   ASSAULT BY AUTO
                CONTINUED 07/18/72 BY DEFENDANT
011989 158624 1    XXXX          XXXX      X   TAMP MOT VEH
                DISMISSED BY STATE
 72008 158666 1    XXXXX         XXXXXX    X   MAL DEST PROP
```

Magistrate criminal report
This is a method of disseminating information about magistrate court activity on a daily basis. For each court session one of these reports is prepared by computer, and distributed to interested Criminal Justice Agencies.

Discussing the computer print-out of warrants before they are served.

city prosecutor

The city prosecutor's office is charged with the responsibility of prosecuting the cases initiated by the police or by members of his office for infractions of city ordinances. The large majority of these cases are for traffic violations.

This on-line system has the following features:

- Entry of information to police cases going to municipal court.
- Retrieval of case status information from the real-time data files.
- Entry of witnesses on cases that are appealed to the circuit court of appeals.

```
NO.TEST.ZXAMPLE.RIPPINGOOD..WM.010101

ZXAMPLE        RIPPINGOOD    WH  010101
MOKPDOO  CRN - *0207859   TA-001 TC-000 OA-000 OC-000 MA-000 MC-000 FA-000 FC-000
MOKPDOO  |111111| |113|    |OCC:01/01/72| |2330| |RPT:01/01/72|      01
INVOLVED |CRT:02/15/72| |0930| |RM:A|
MOKPDOO  7517        PROSPECT    KANS CITY MO| 1111/1111  00000000
MOKPDOO  |00A00001| |111111| |OCC=01/01/72| |BAC=REFUSAL| |VIDEO TAPE| |1111| |1111|
MOKPDOO  |00111111| |01/02/72| |COURT| |HS=Y| |PSY=Y| |SOC=Y| |MED=Y| |FAM=Y| |JS=Y| |DPF=Y|
PRIOR PROB=Y| |CURRENT PROB=Y|        |ALCOHOL PROBLEM=UNDET|
DOR/ |DUI=02| |OTH=02| |SUS=5| |REV=5|
ALERT/0207859          100%
```

Example of a name inquiry to retrieve related alcohol information on problem drinking drivers. Useful to city prosecuting attorney in area of plea bargaining. Also useful to court in assessing sentence upon conviction. Useful to police to know past history.

data elements—prosecutor inquiry

A. Traffic Ticket Information
1. Traffic Ticket Number
2. Ordinance Code
3. Date of Occurrence
4. Time of Occurrence
5. Report Date
6. Involved in Crash (Blank if not)
7. Court Date
8. Court Time
9. Court Room
10. Location of Arrest

B. Alcohol Influence Information
1. Case Report Number
2. Traffic Ticket or Arrest Number
3. Date of Occurrence
4. Breath Test Result
5. Video Tape Taken (Blank if not)
6. Arresting Officer Serial Number
7. Officer Serial Number Issuing Test

C. Probation Information
1. Traffic Ticket or Arrest Number
2. Date Detailed Investigation Completed

3. Reason for Investigation:
   Court=Order of Court
   Prob=Normal Probation Procedures
   Pros=Request of Prosecutor
4. Medical Signs of Alcoholism
5. Psychological Dependence
6. Previous Contact with Social Agency
7. Previous Contact with Medical Agency
8. Family Problems
9. Job Status
10. Drinking Problem in Family
11. Prior Probation
12. Current Probation
13. Alcohol Problem

D. Department of Revenue Summary Information
1. Total DUI Convictions
2. Total Other (Non-Dui) Convictions
3. Total Suspensions of License
4. Total Revocations of License

CORRECTIONS

probation department

The probation department of Kansas City, Missouri, receives those persons who have been arrested by the police, prosecuted by the city prosecutor, and placed on probation by the judges of the municipal court.

Their on-line system thus far consists of:

- Immediate access to case status information.
- On-line entry of recommendations to municipal court judges pertaining to cases awaiting sentencing.

The loneliness and destitution while awaiting a decision on sentencing can be shortened with use of ALERT data files.

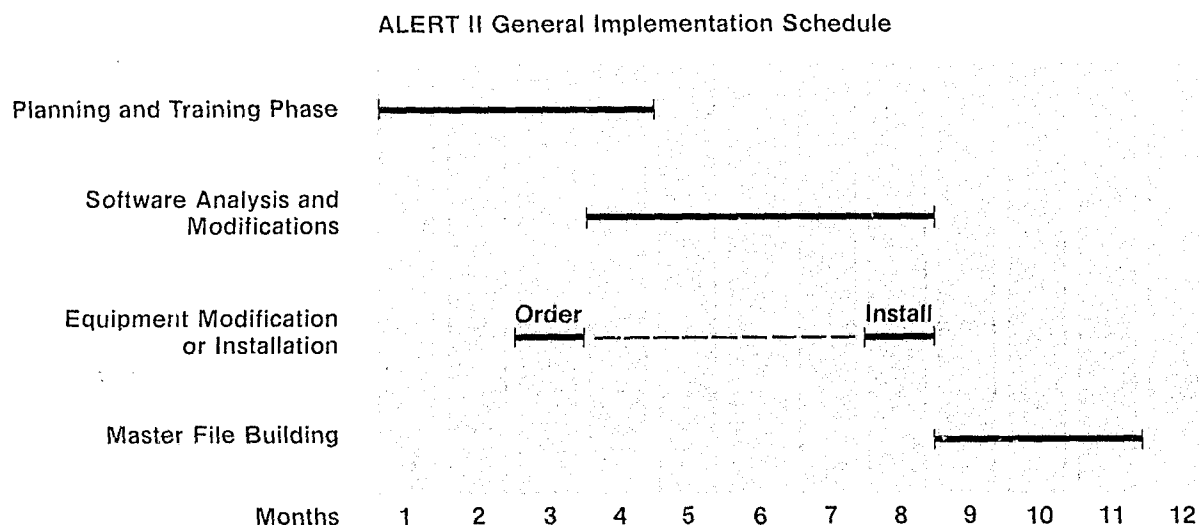*Checking a fingerprint record against the ALERT files.*

IMPLEMENTATION AND ON-GOING REQUIREMENTS

information of what is available

The ALERT II System as described in this booklet is available for other criminal justice agencies that want to implement the entire section or just selected sub-systems. One point to consider is that most of the sub-systems utilize the ALERT files and, therefore, sub-systems that build and maintain these files must be included as a minimum for the implementation. As of the printing of this booklet a project is under way to completely document the ALERT II System running under IBM's disk operating system. Comprehensive complete systems and operating documentation is available through the Law Enforcement Assistance Administration, and the corresponding program tapes are available through Kansas City, Missouri Police Department.

example of implementation schedule

The ALERT II System is a very large system and its implementation time should not be taken lightly. The system has been in almost continual change and growth since its inception in 1968. With this development time in perspective and the knowledge that 285 programs are currently available through LEAA a typical timetable has been prepared for a prospective agency that would implement ALERT II under DOS with no major modifications.

ALERT II General Implementation Schedule

	Months 1 2 3 4 5 6 7 8 9 10 11 12
Planning and Training Phase	
Software Analysis and Modifications	
Equipment Modification or Installation	Order ... Install
Master File Building	

example equipment configurations

The ALERT II software has and is currently operating on a multitude of different equipment configurations. The system was developed by the Kansas City, Missouri Police Department and is operated on IBM equipment. The size and configuration of the equipment necessary to utilize ALERT II software effectively depends on a multitude of elements. Some of these elements are:

- Number of transactions handled
- Number of terminals supported
- Type and diversity of terminals supported
- Number of records in master files
- Number of users supported

To determine the exact equipment required a detailed analysis of the above elements must be accomplished. To give an idea of equipment requirements, two typical equipment configurations are provided. These two configurations are based on the operating systems software presented below.

Configuration I Operating System Software

- Disk Operating System (DOS)
- FASTER MT
- BTAM

Configuration II Operating System Software

- Operating System (OS/MVT)
- FASTER MT
- TCAM

configuration I/DOS

UNIT DESCRIPTION	MODEL NUMBER	NUMBER OF UNITS
Central Processing Unit (256k)	S360/40	1
Control Units		
—Tape control	2803	1
—Disk control	2314	1
—Display control	2848	1
—Printer & Card Unit control	2821	1
—Transmission control	2703	1
Tape Drives (1600 BPI 9 Track)	2401	4 minimum
Disk Drives (29.5 Mil. Bytes ea.)	2314(119)	4 minimum
Card Reader/Punch	2540	1
Printer	1403N1	1
Terminals	Various	Depends on Requirements

configuration II/OS

UNIT DESCRIPTION	MODEL NUMBER	NUMBER OF UNITS
Central Processing Unit (1024k)	S370/155	1
Control Units		
—Tape control	2803	1
—Disk control	3830	2
—Display control	2848	2
—Printer & Card Unit control	2821	1
—Transmission control	2703	1
Tape Drives (1600 BPI 9 Track)	2401	4 minimum
Disk Drives	3330	4 minimum
Card Reader/Punch	2540	1
Printer	1403N1	2
Terminals	Various	Depends on Requirements

END