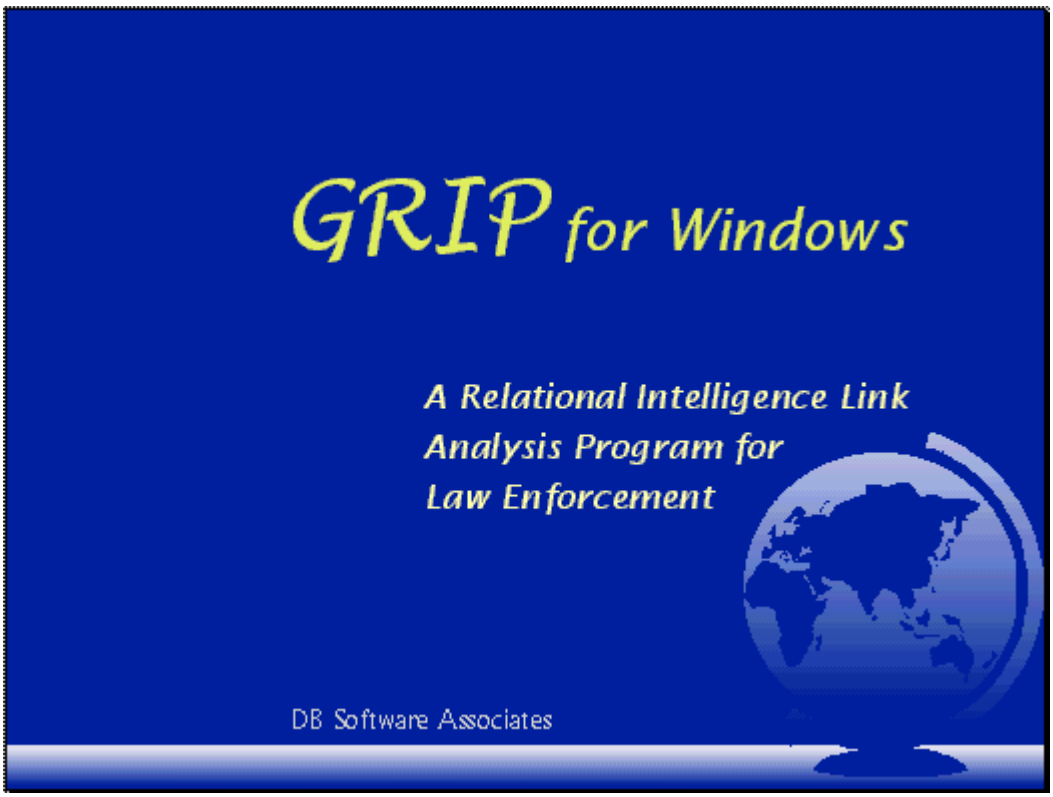


GRIP® for Windows

Program Synopsis

Last Revised : November 22, 2007

DB Software Associates
555 Tammany Pointe
Alpharetta, GA 30004
678-524-8108

Email: sales@dbsoftwareassociates.com / Web Site: http://www.dbsoftwareassociates.com

Index

G R I P® FOR WINDOWS 3

SUBJECT MODULE 5

GANG MODULE 8

GRAFFITI MODULE 10

CASE MODULE 11

CRIME HISTORY (SUSPECTS AND DEFENDANTS) 12

EVIDENCE MODULE 14

EMPLOYEE MODULE 15

EXPENDITURE MODULE 16

FIELD EVENT MODULE 17

INVENTORY MODULE 19

REPORTS 20

CODE TABLES 21

SEARCHING CAPABILITIES 22

WEAPON SEARCH 24

COMMENTS SEARCH 24

CONTACTS SEARCH 24

SEARCH TREE 25

SEARCH PHOTO ARRAY 26

SECURITY 27

APPENDIX A - GRIP CODE TABLES 30

APPENDIX A - GRIP CODE TABLES (CONTINUED) 31

APPENDIX B - HARDWARE / SOFTWARE REQUIREMENTS 32

NETWORK SERVER REQUIREMENTS 32
DESKTOP / LAPTOP CLIENT 32

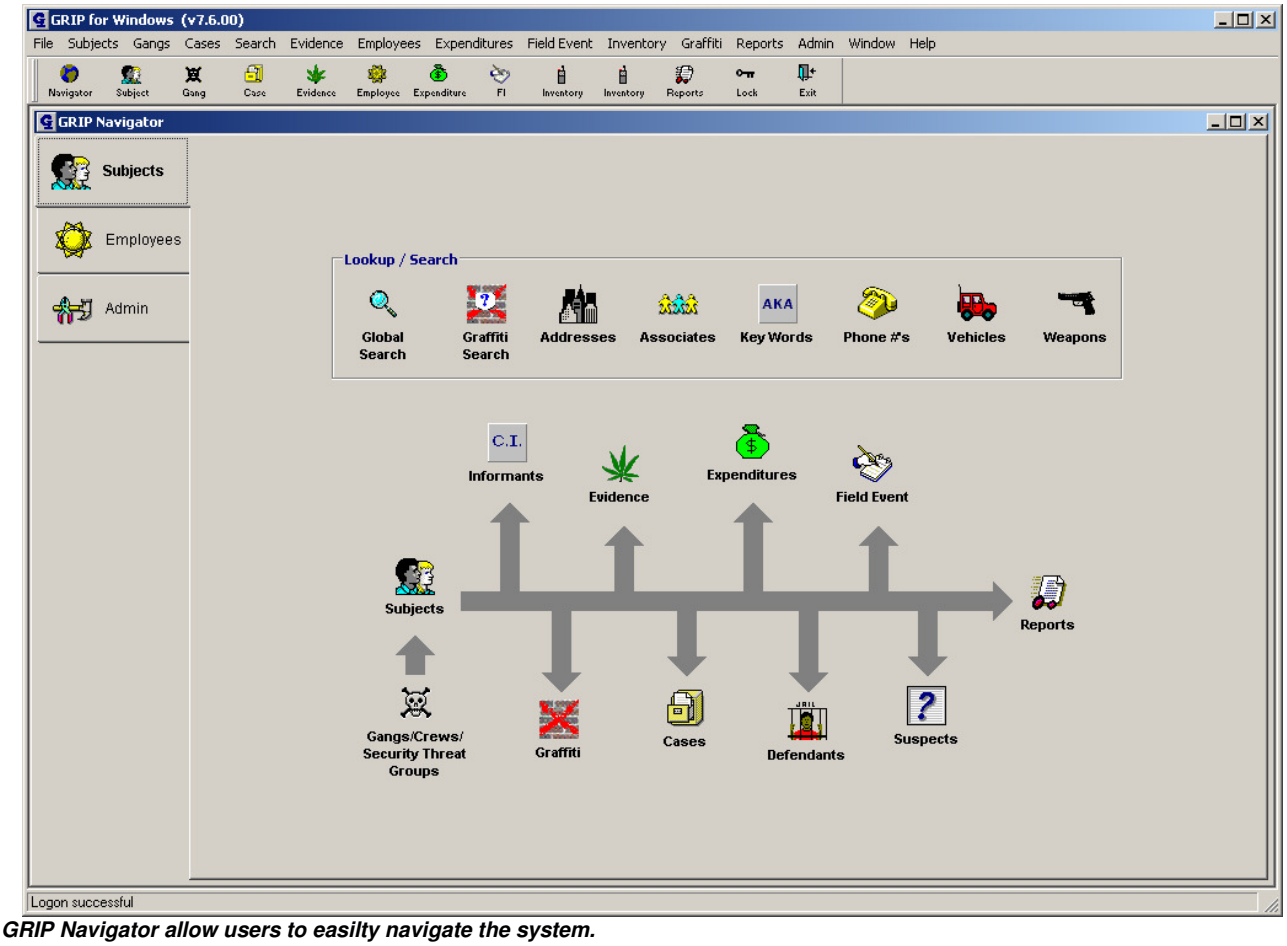
APPENDIX C - FREQUENTLY ASKED QUESTIONS 33

APPENDIX C - FREQUENTLY ASKED QUESTIONS 34

G R I P® for Windows

A Relational Intelligence for Law Enforcement

GRIP®, (Graphical Relational Intelligence Program), is designed to combat the expanding problems of intelligence analysis, gangs and narcotics distribution. GRIP provides a computerized way to compile, categorize and correlate information for fast, easy and accurate retrieval. Installed on ordinary PCs, GRIP eliminates conventional filing methods, and enables agencies to act on cases before the trail gets cold. GRIP meets the demanding requirements that law enforcement agencies need to track intelligence information.



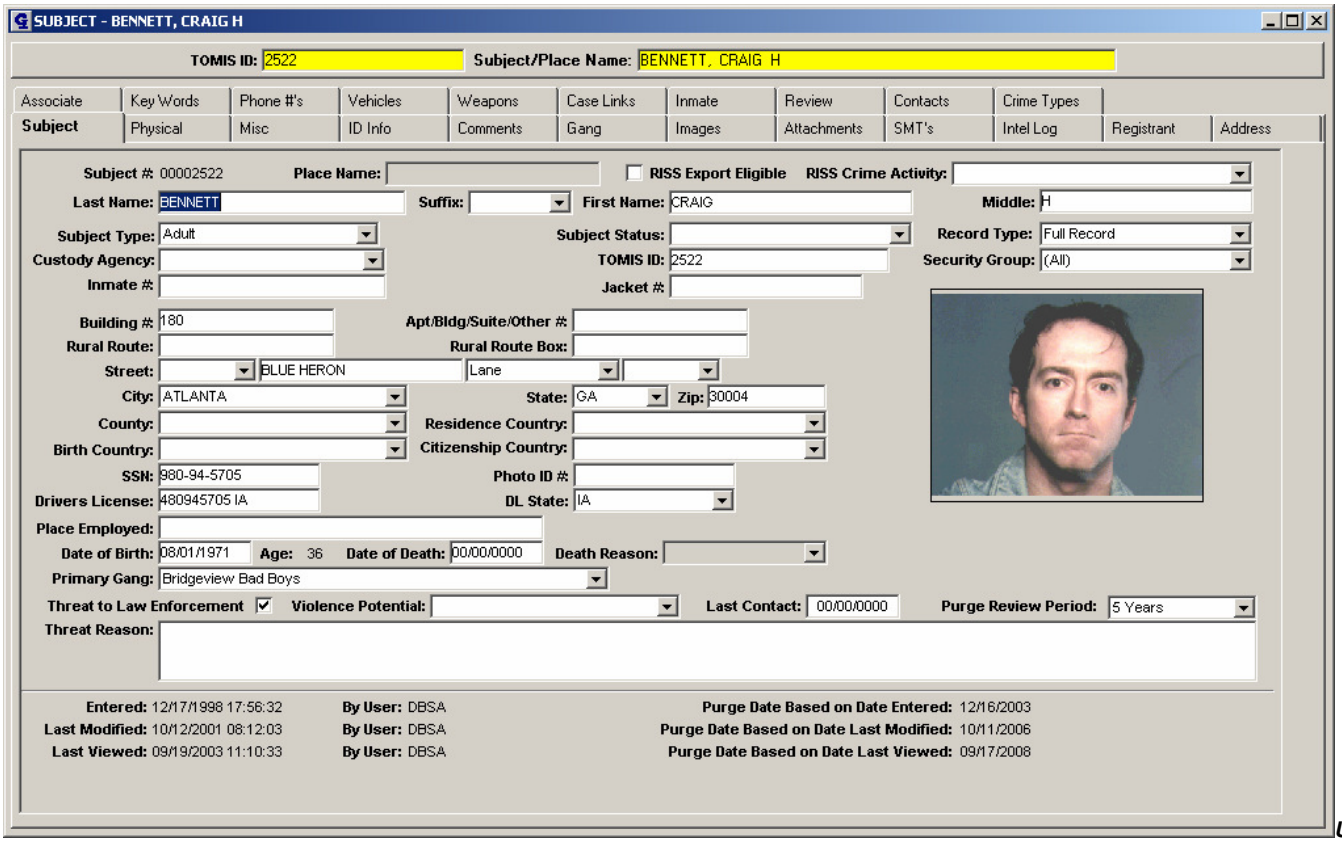
The GRIP Navigator allow users to easilty navigate the system.

Link Analysis and Searching. Global Link Analysis Searching allows users to do multi-dimensional searches of data entered into GRIP. A multi-dimensional search is a search across different types of data, combining the results to produce a list of subjects matching all search criteria. Global Link Analysis Searching allows users to search across subjects, address, associates, key words, telephone numbers, physical marks, and vehicles. GRIP retrieves records meeting the search criteria and displays a photo of each subject, along with all related information.

Combines text and images. Unlike traditional filing methods, GRIP electronically consolidates case information and integrates text and images. The database stores complete subject information, such as demographic data, physical characteristics, gang affiliation, criminal history, aliases, vehicles, and phone numbers associated with a subject. Images may be entered into the database using scanners, digital cameras, and camcorders.

Stores gang information. GRIP stores and displays information relative to any known gang, such as gang name, moniker, estimated number of members, geographical territory, hangouts and images of hand-signs, tattoos and graffiti.

Automatically generates photo arrays. GRIP brings a subject list to life by displaying photo arrays of six images matching the criteria specified by the user. Images can be instantly enlarged at the touch of a button to focus on specific areas of interest such as scars, marks or tattoos. With the addition of a color printer, photos can be printed in full color.



Unlike traditional filing methods, GRIP electronically consolidates case information and integrates text and images.

Produces association matrices. GRIP eliminates the traditional labor-intensive process of link analysis that can take weeks to produce. Unknown correlation's between subjects are revealed with GRIP's powerful relational cross-referencing functionality. GRIP builds associations between subjects, AKA's, telephone numbers, vehicles, or addresses in seconds.

Manages case information. GRIP provides an efficient method of managing cases. Complete case details, in addition to suspect, defendants, and arrests details can be entered for each case. GRIP also features a Field Investigation module. FI's record street stop intelligence, including associates and vehicles. GRIP can automatically track drug expenditures, evidence and forfeitures, search warrants and other administrative reporting responsibilities.

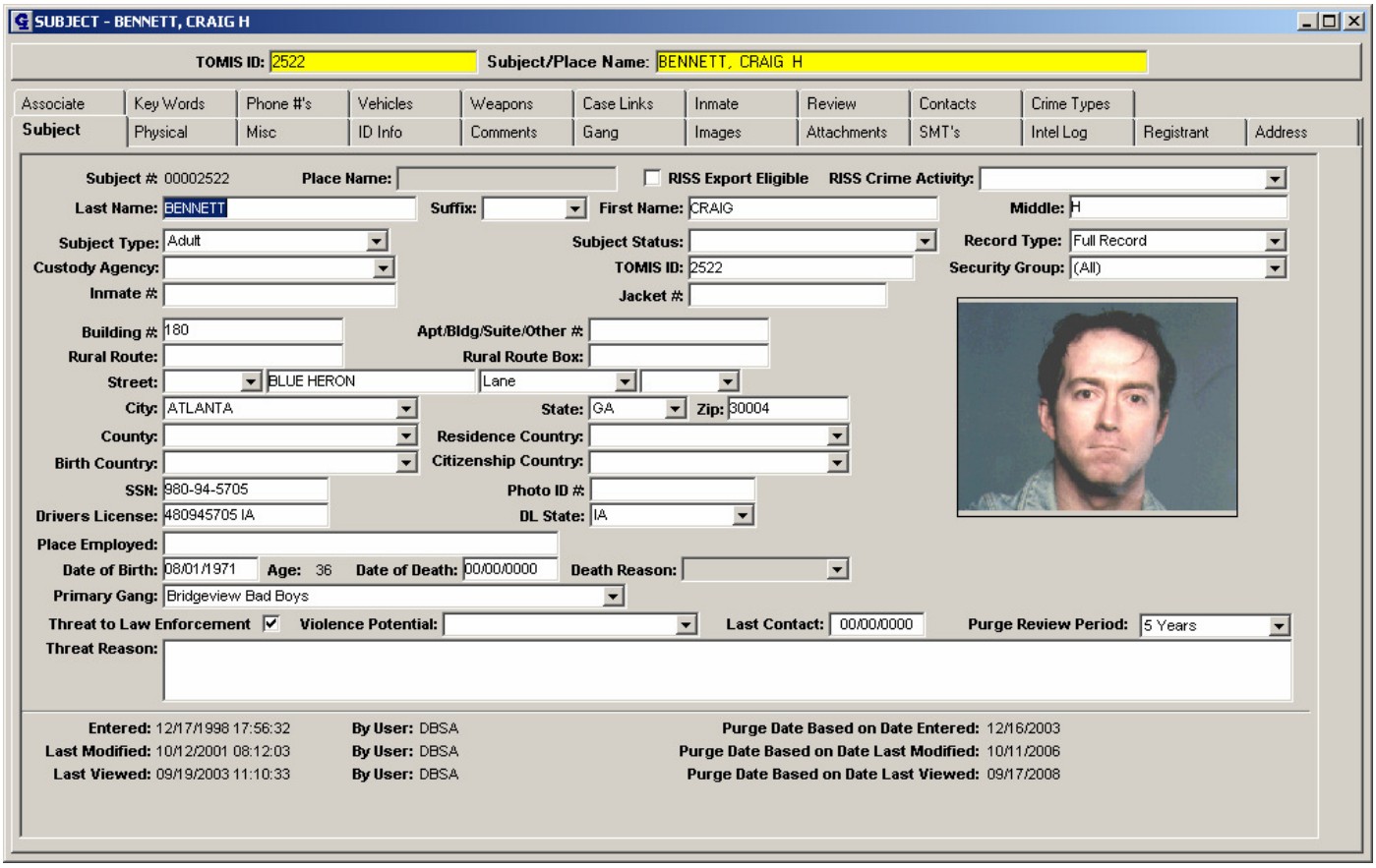
Features versatile technology. GRIP can be used as a stand-alone system within a department, task force, or investigative unit; within a multi-user local network; or within a wide-area network serving multiple locations.

Complete service and support. DB Software Associates offers services such as installation, on-site training and support. A number of maintenance plans are available to meet customer-specific requirements.

To learn more, call or write:

DB *Software Associates, LLC*
555 Tammany Pointe
Alpharetta, GA 30004
678-524-8108
Email: sales@dbsoftwareassociates.com
Web Site: http://www.dbsoftwareassociates.com

Subject Module



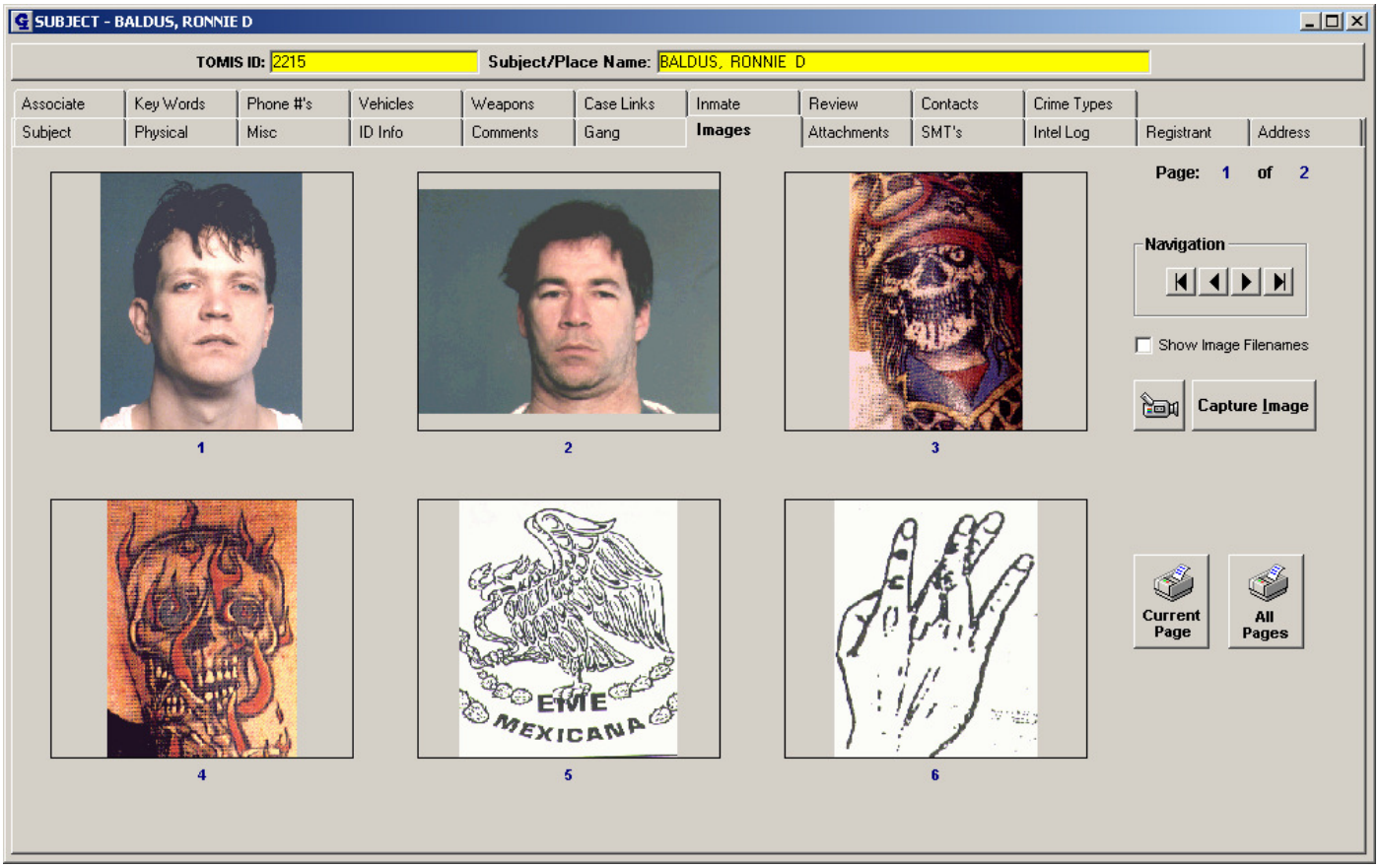
Subject: Name, Address, Demographics, SSN, drivers license, date of birth, primary image, etc.

Physical: Complete physical description, including sex, race, height, weight, ethnic origin, build, hair color, hair style, eye color, facial hair, teeth, handicaps, etc.

Miscellaneous: Areas frequented, basis for caution, crime specialty, city and country of birth, occupation, school, marital status, spouse name, etc.

ID Information: FBI number, SID number, user defined numbers, fingerprint class, etc.

Comments: Notes and comments.



Gang: Primary and secondary gang, member status, status review date, association criteria, and membership comments.

Images: Displays and captures an unlimited number of images for a subject, including mugshots, scars, marks, tattoos, etc.
Built-in support for scanner image capture or any TWAIN compliant device.
Accepts existing images from Mug Shot Systems or Digital Cameras
Builds photo-arrays on demand

Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

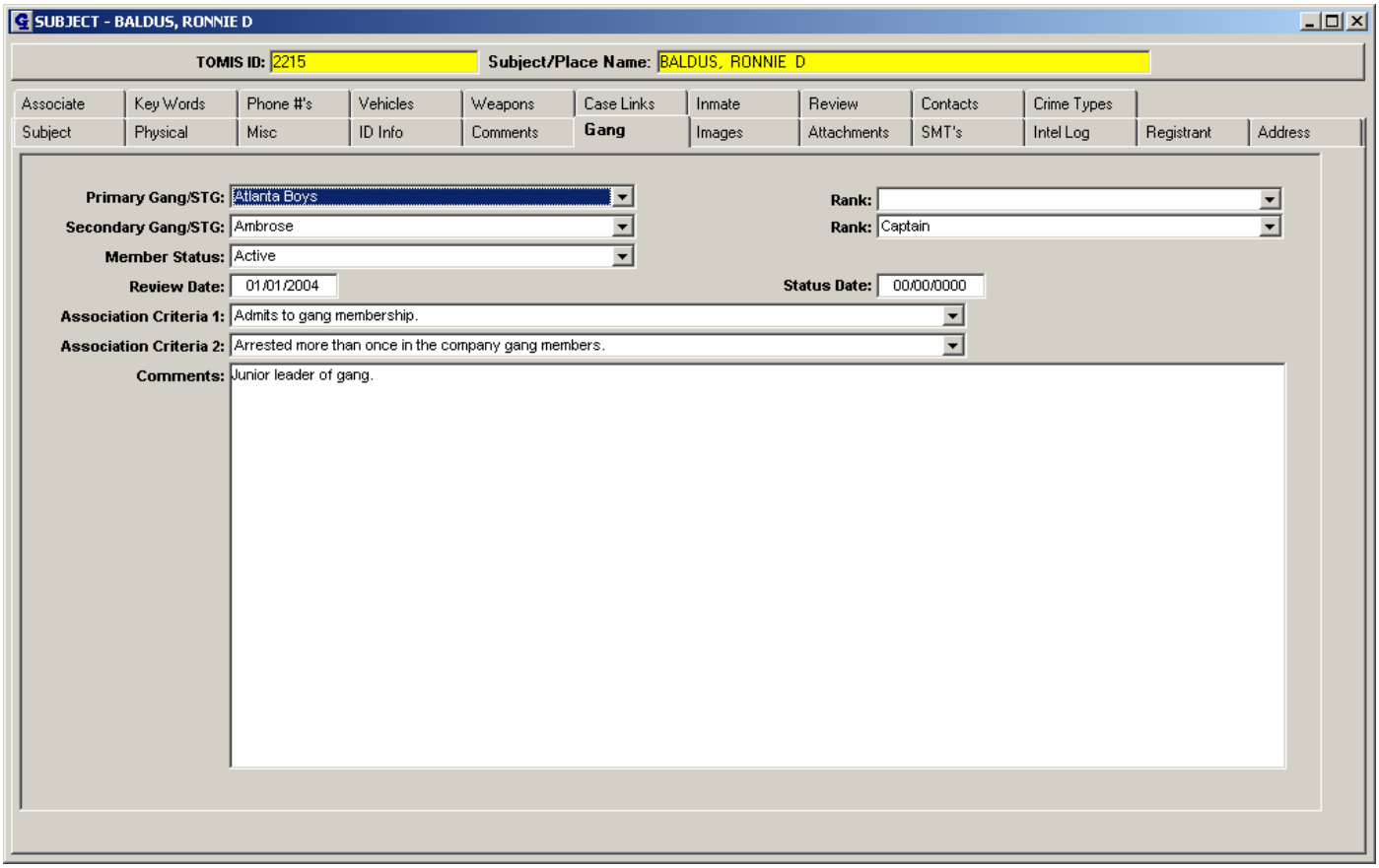
Scars, Marks, Tattoos: The location and description of scars, marks, and tattoos. Uses code tables to standardize data-entry.

Registrant: Sex, narcotics, arson or other offender type registration.

Addresses: Address type, building number, street, direction, street type, city, state, and zip code. Stores an unlimited number of address for each subject. Addresses are shared across subjects.

Associates

Associate type, last name, first name, middle name and date of birth. Stores an unlimited number of subject associates.
The system automatically cross-links a subject and an associate



Key Words (AKA, Alias, Moniker): Key word and key word type. Stores an unlimited number of key words. Key words are shared across subjects.

Telephone Numbers: Telephone number, type, owner last name, owner first name. Stores an unlimited number of telephone numbers. Full or partial numbers can be entered and searched.

Vehicles: Vehicle year, make, model, color, style, VIN, owner name and address. Stores an unlimited number of vehicles.

Weapons: Serial number, caliber/gauge, manufacturer, model, country of origin, etc.

Cases: Associated cases, Suspect Cases, Defendant Cases, Informants, Associated Evidence, Associated Expenditures, Associated Field Events, Associated Forfeitures. Links between a subject and other information in other modules.

Inmate: Inmate Location, Inmate Mail Log, Inmate Visitor Log, Inmate Account, Inmate Separation Log

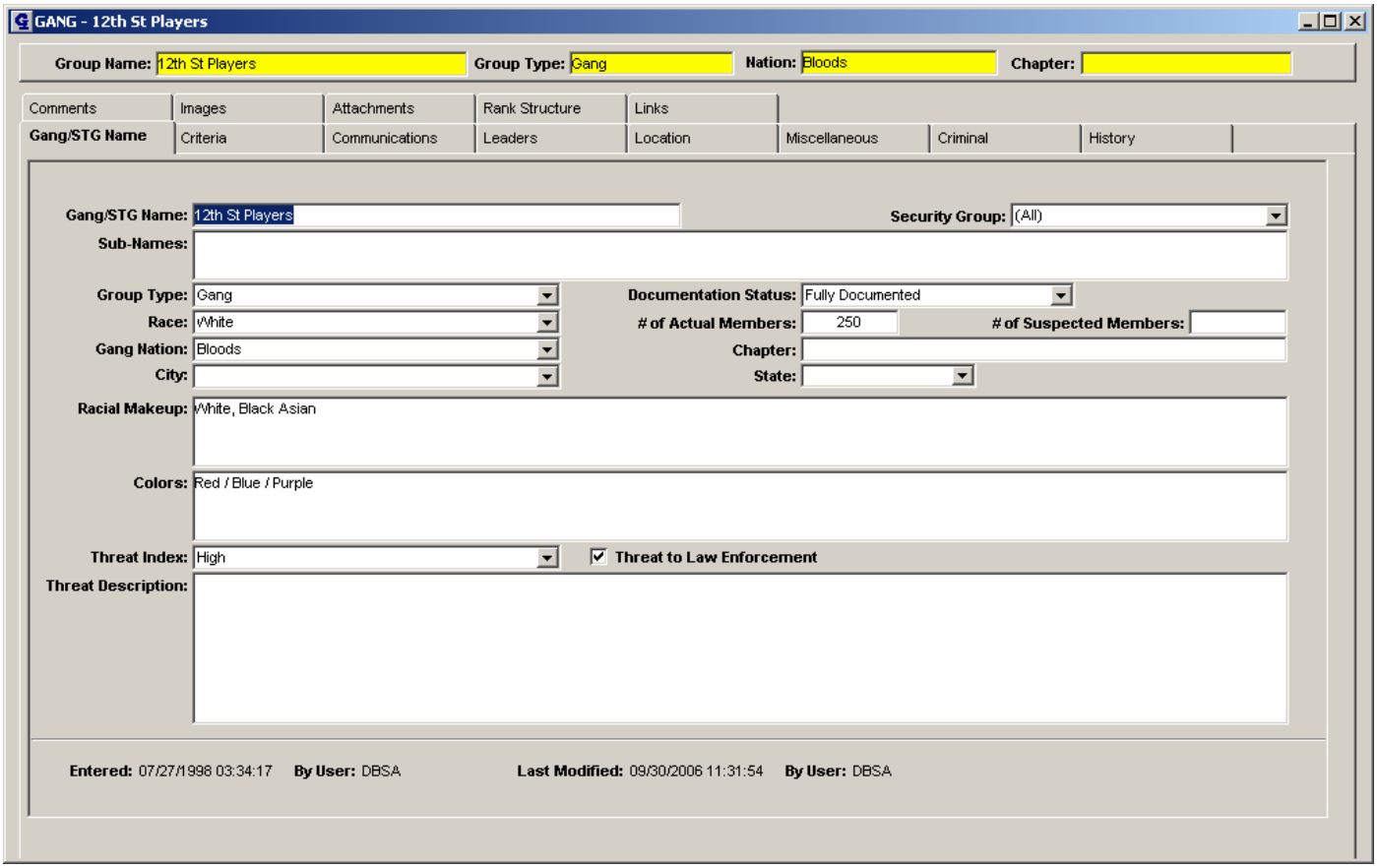
Review (Status): Review type, review date, next review date, and notes.

Contacts: Date, time address, agency, agent, reason and comments for a contact with the subject.

Crime Types: Crime type, date and comments. Tracks crimes a subject is known to commit or be associated with..

Certifications: A questionnaire that contains backup details for classifying a subject in a particular way.

Gang Module



Gang Name: Stores a complete profile on a gang, including nation, group type, nation, race, number of members, racial makeup, colors, thread index, threat description, etc.

Criteria: Gang/Group classification criteria and comments.

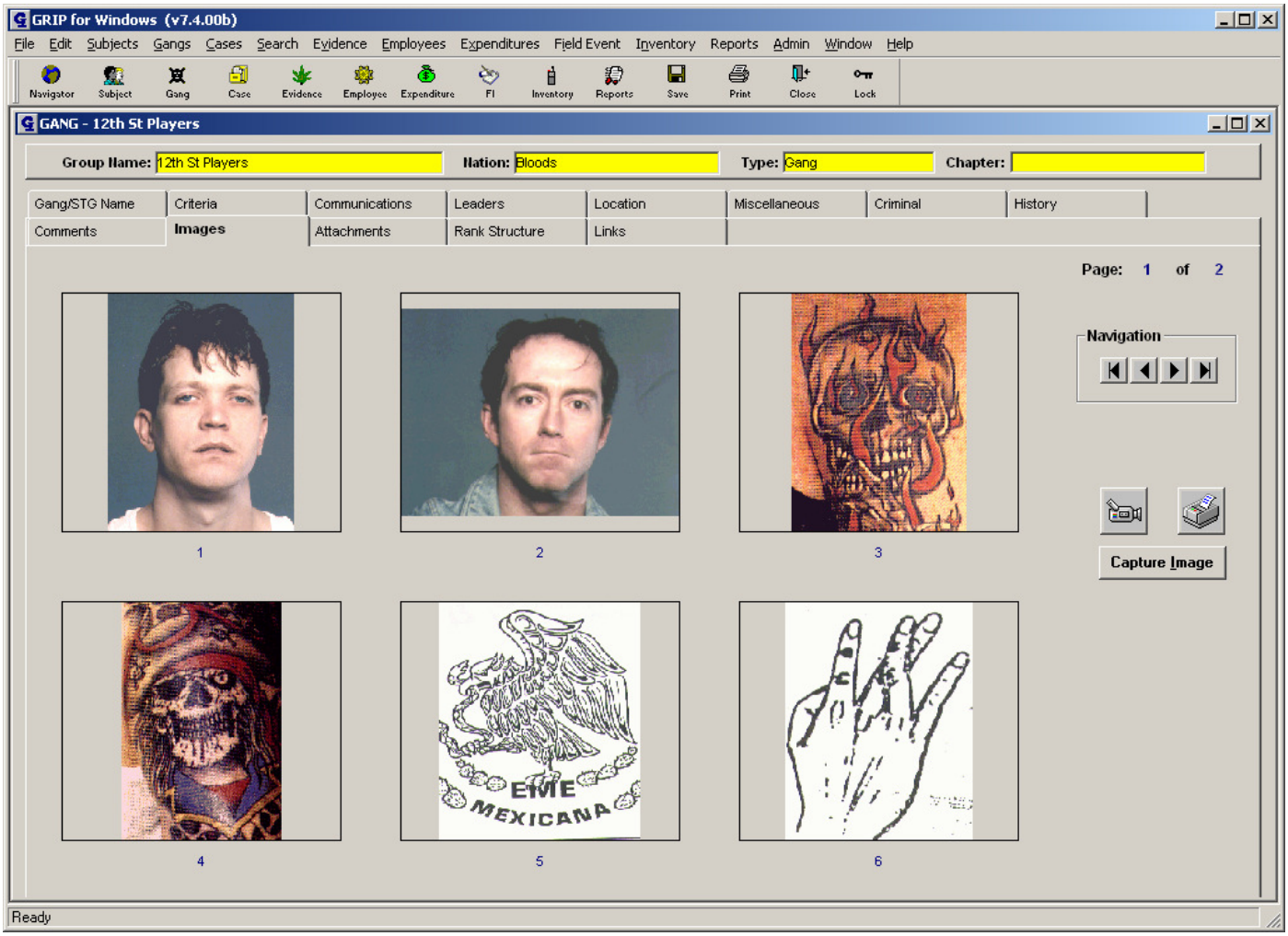
Communications: Communications, tags, symbols, hand signs, tattoos, drawing, grafitti.

Leaders: Allies, rivals, organizational structure, schools attended, leader, and sub leaders.

Location: Facility, division, section, area, police districts, jurisdiction, hangouts, headquarters, etc.

Miscellaneous: Recruitment techniques, propensity for disruption, web pages, publications, and significant dates.

Criminal: Weapons, sources of income, criminal methods, and criminal enterprises.



History: History notes and comments.

Comments: Notes and comments.

Members: Name, SSN, Date of Birth, Sex, etc.

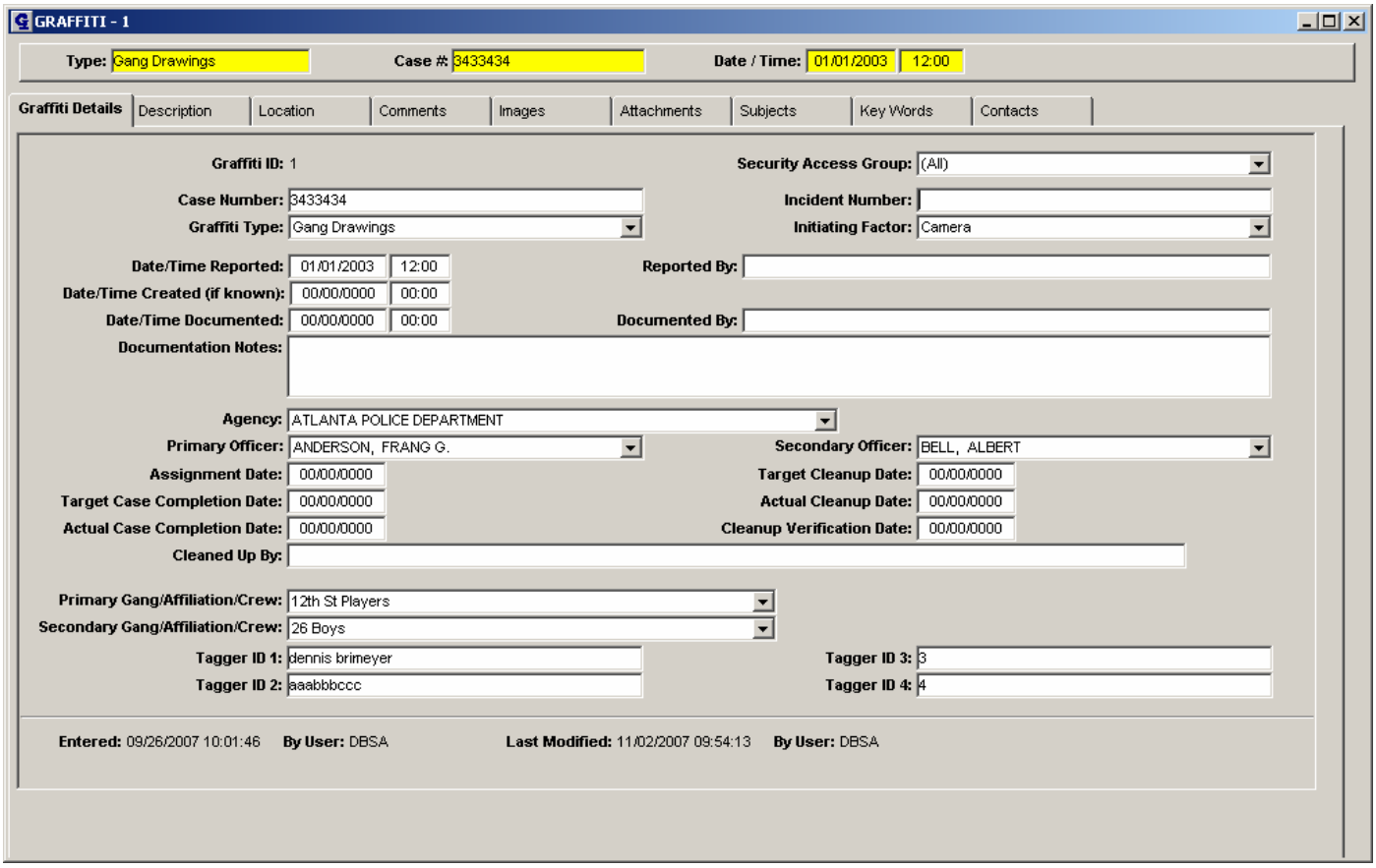
Images: Stores an unlimited number of images for a gang
Built-in support for scanner image capture or any TWAIN compliant device.
Accepts existing JPEG images

Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Rank Structure: The ranking order of gang or group members.

Links: Links to members, gang addresses, gang key words, gang telephone numbers, gang vehicles and gang weapons.

Graffiti Module



Graffiti Details: Stores a complete profile for graffiti, date reported, date documented, agency, gang/affiliation/crew, tagger id, etc.

Description: Primary and secondary background and foreground colors, graffiti description.

Location: Location type, location name, address, county, municipality, neighborhood, census tract, etc.

Comments: Notes and comments.

Location: Facility, division, section, area, police districts, jurisdiction, hangouts, headquarters, etc.

Images: Stores an unlimited number of images for a graffiti item.
Built-in support for scanner image capture or any TWAIN compliant device.
Accepts existing JPEG images

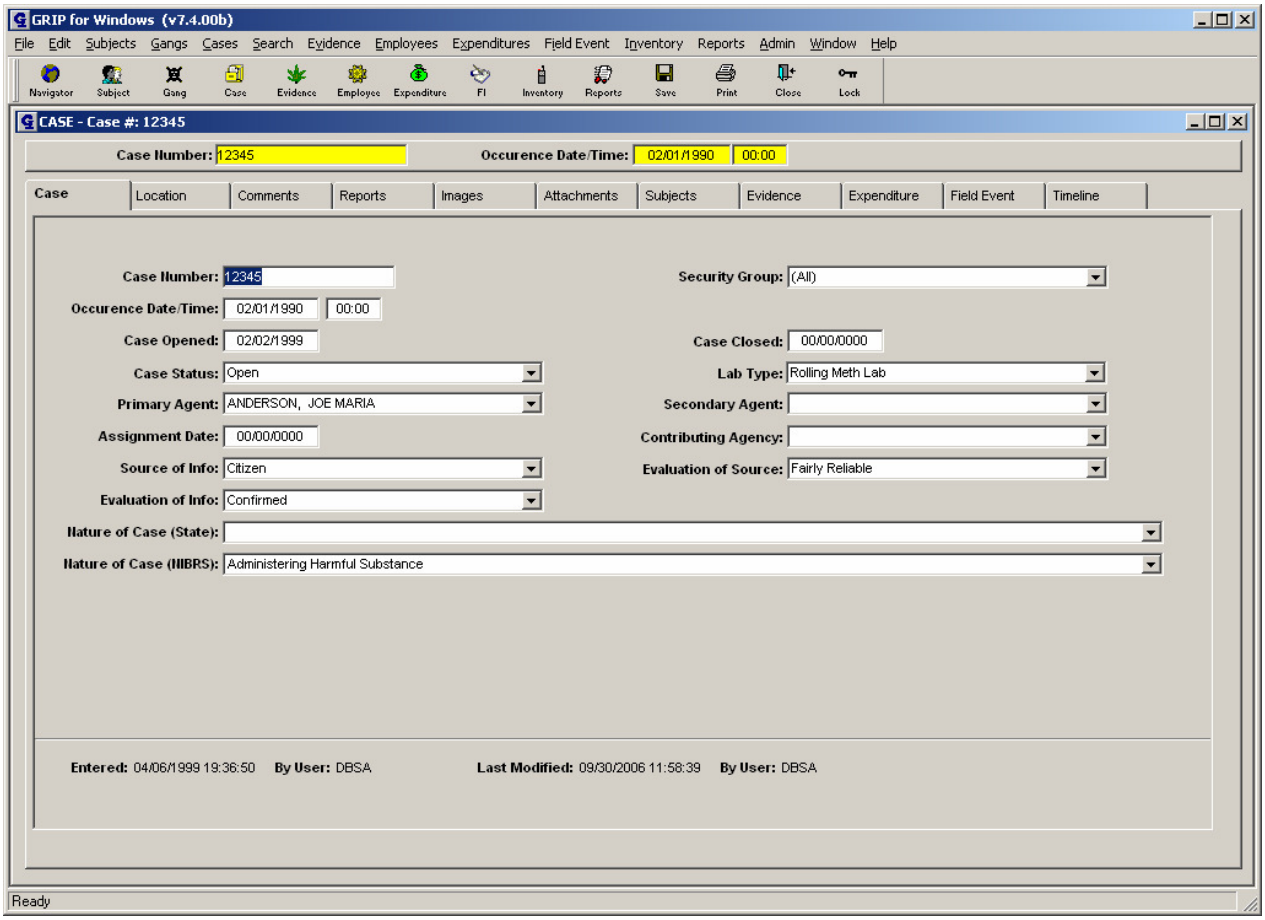
Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Subjects: Shows suspects related to the item.

Key Words: Key word and key word type.

Contacts: Date, time address, agency, agent, reason and comments for a contact.

Case Module



Case: Case number, occurrence date/time, date opened and closed, status, agency, nature of case, address of occurrence, etc.

Location: Grouping and address details.

Comments: Free text block for case comments and findings.

Reports Written: Reports type, date, and comments

Images: Stores an unlimited number of images for a case.

Attachments: Associated documents that contain supporting details

Subjects: Shows suspects and defendants related to the case

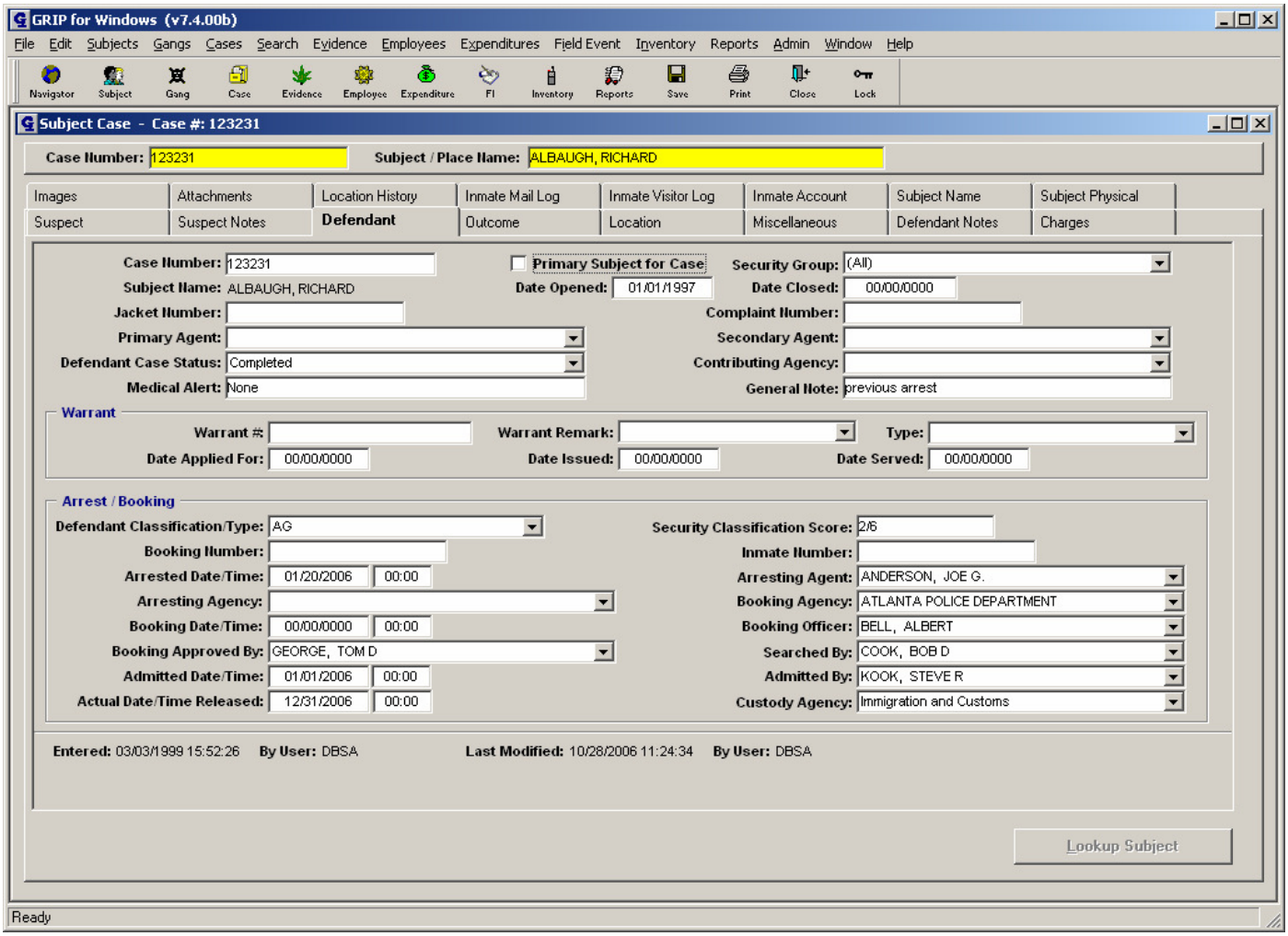
Evidence: Shows evidence items related to the case.

Expenditures: Shows narcotics and other expenditures related to the case.

Field Events: Shows Field Events related to the case.

Timeline: Summary of related events in date order.

Crime History (Suspects and Defendants)



Suspect: Case number, primary and secondary agent, date opened and closed, status, contributing agency, case notes, etc.

Suspect Notes: Free text block for case comments and findings.

Defendant: Case number, primary and secondary agent, date opened and closed, status, warrant dates, warrant number, date arrested, arrest city, etc.

Location: Location within a detention facility and address type, address, cross street, grouping, facility, division, etc.

Case Outcome: Bond amount, disposition, sentence, nature of case, forfeiture type, fine and restitution amounts, drug, etc.

Miscellaneous: Grouping and information source details.

Defendant Notes: Free text block for case comments and findings.

Charges: Stores a complete arrest history for a defendants participation in a case. NIBRS and State offense charges, arrest class, arrest class, charge disposition and comments.

Images: Stores an unlimited number of images

Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Inmate Location: Cell block, cell number, locker, facility, division, section, area, dates, etc.

Inmate Mail Log: Mail type, date, correspondents name, relationship, address, etc.

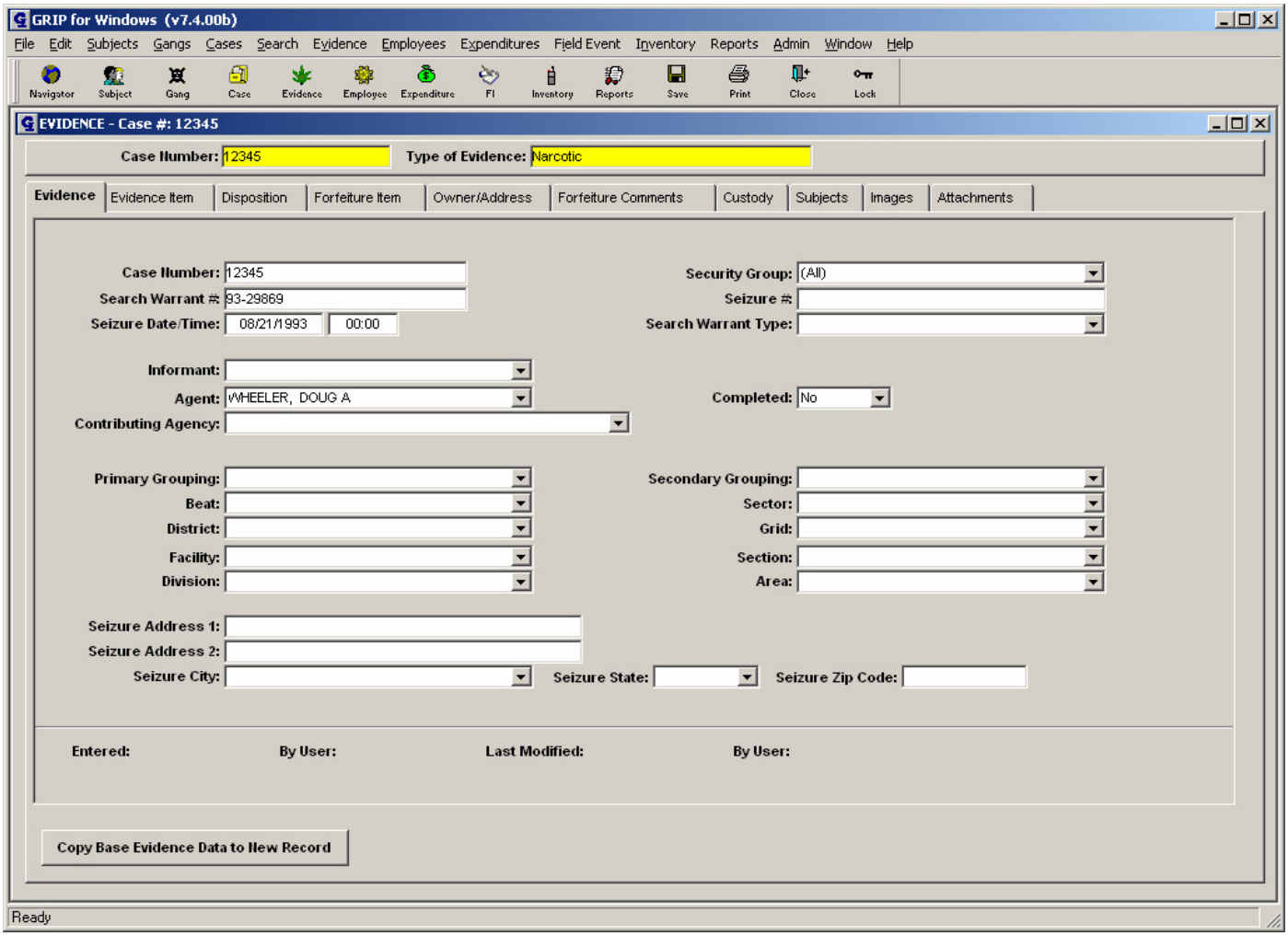
Inmate Visitor Log: Visit date, time, visitor name, relationship, address, etc.

Inmate Account: Deposit method, date, amount, depositor, relationship, address, etc.

Subject Name: Name, Address, Demographics, SSN, drivers license, date of birth, primary image, etc.

Subject Physical: Complete physical description, including sex, race, height, weight, ethnic origin, build, hair color, hair style, eye color, facial hair, teeth, handicaps, etc.

Evidence Module



Evidence: Case number, search warrant number, warranty type, seizure date/time, agent, contributing agency, address, etc.

Disposition: Disposition, Notes, Comments, etc.

Forfeiture: Forfeiture date/time, agency, officer, reason, amount, amount, comments, etc.

Custody: Custody chain from and to, date and time.

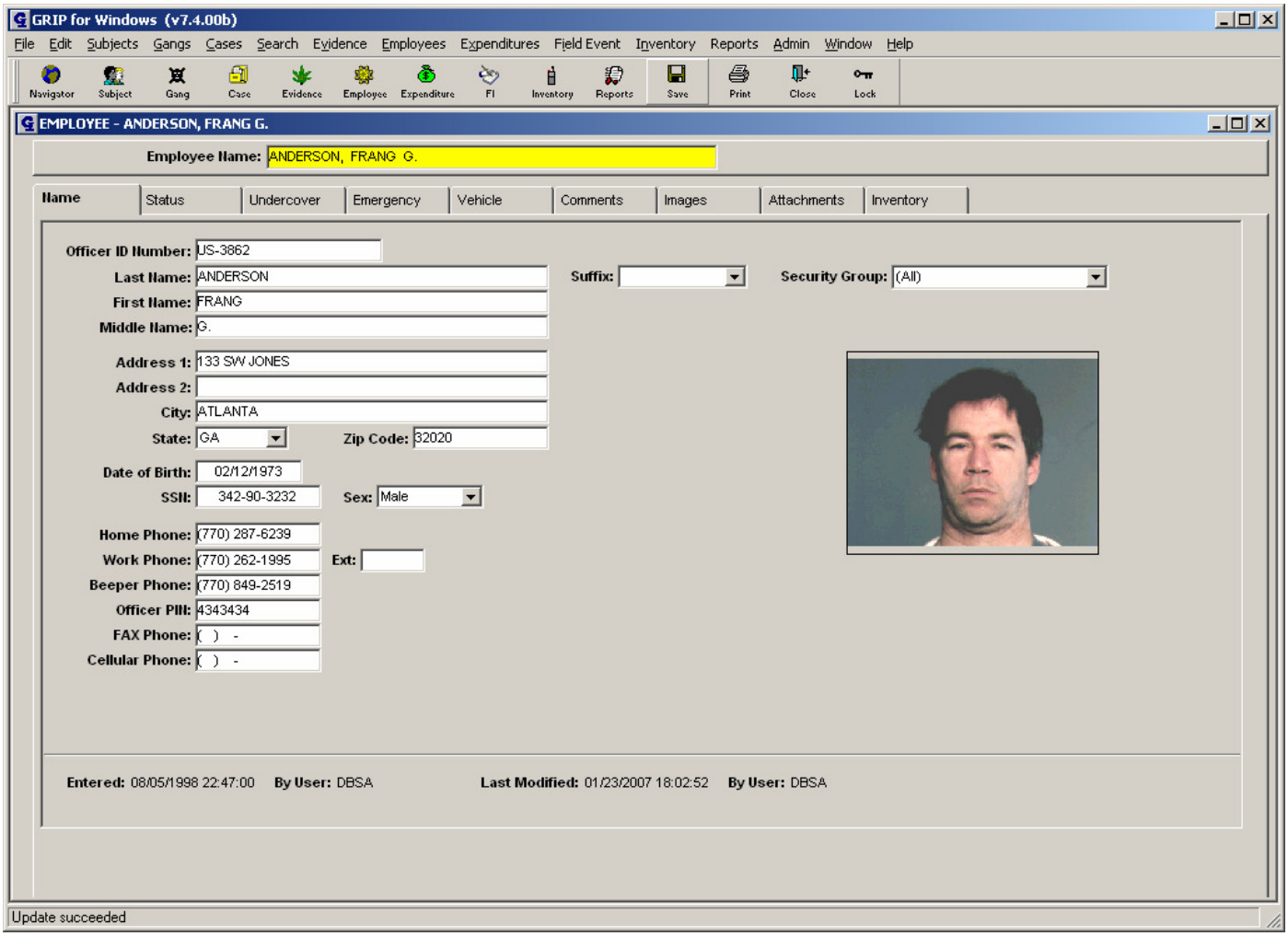
Subjects: Subjects related to the evidence item.

Evidence Item: Type of evidence, lab number, item description, location, cost, value, drug, quantity, disposition, notes, etc.

Images: Stores an unlimited number of images

Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Employee Module



Name: Employee name, address, SSN, date of birth, sex, telephone numbers, etc.

Status: Agency, title, rank, status, date employed, comments, etc.

Undercover: Undercover name, address, SSN, date of birth, sex, telephone numbers, drivers license, etc.

Emergency: Primary and secondary contact name and address, preferred hospital, blood type, medical comments.

Vehicle: Primary and secondary vehicle of the employee.

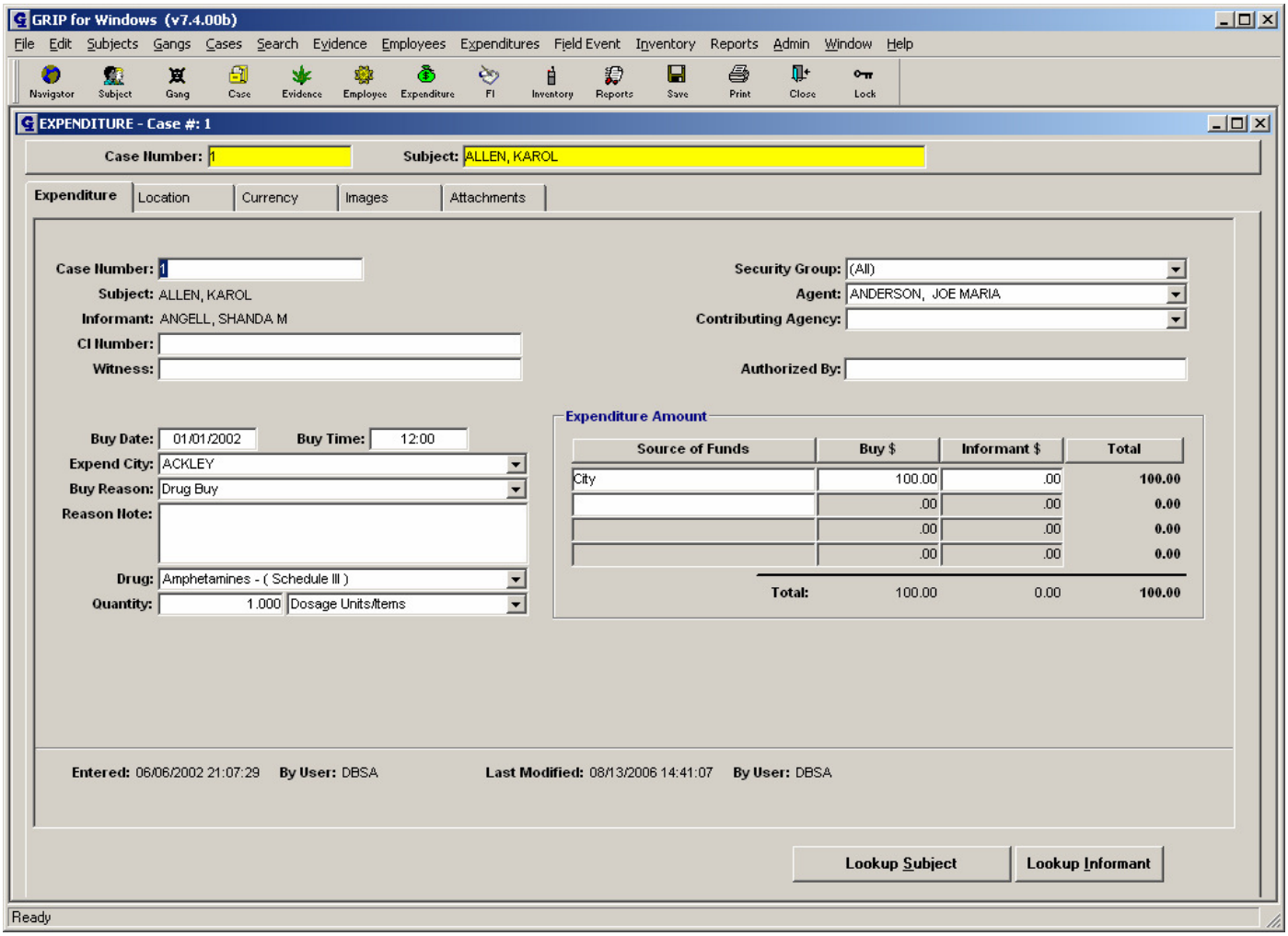
Comments: Free text block for comments.

Images: Stores an unlimited number of images

Attachments: Associated documents that contain supporting details. Attachments can be any file,.including PDF, DOC, XLS, etc.

Inventory: Inventory items issued to the employee

Expenditure Module



Expenditure: Case number, subject name, agent, informant, witness, comments, buy date/time, expenditure city, reason, drug, quantity, source of funds, amount, etc.

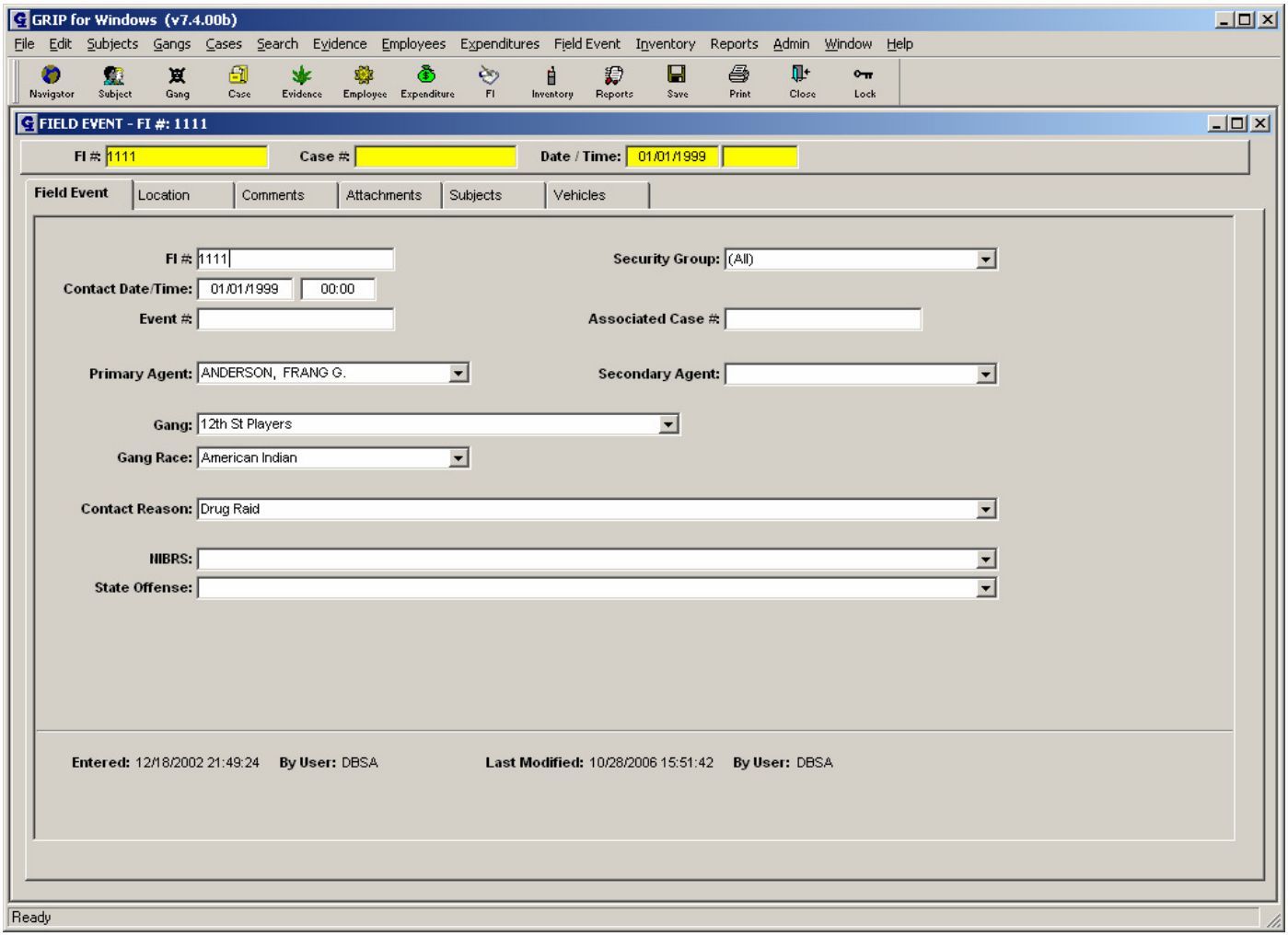
Location: Grouping details.

Currency: Serial numbers and denominations of the currency used in the expenditure.

Images: Stores an unlimited number of images

Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Field Event Module



Field Event: FI number, contact date/time, case number, primary and secondary agent, gang, gang race, NIBRS, State Offense, address, etc.

Location: Address and grouping details.

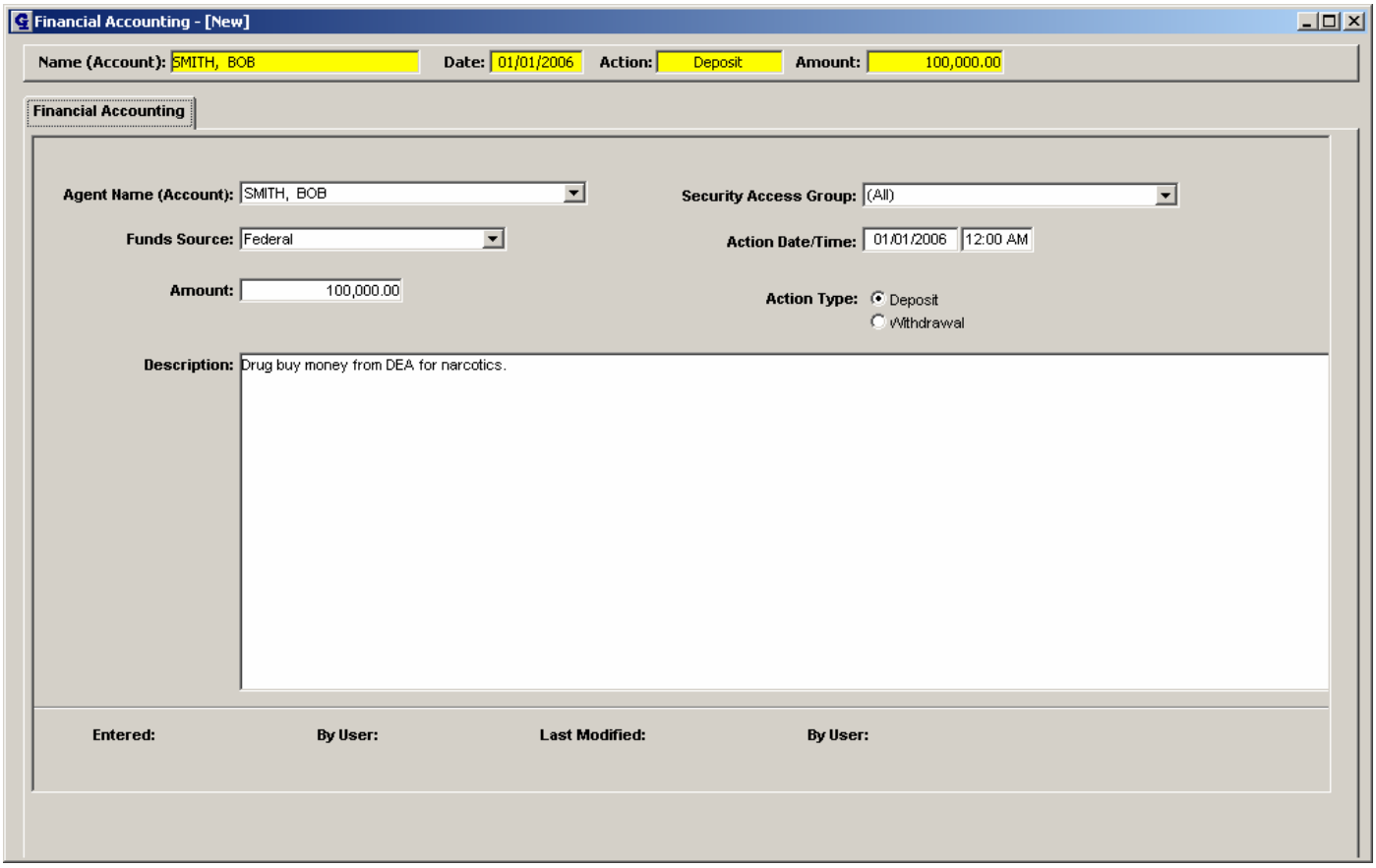
Comments: Free text block for field investigation comments and findings.

Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Subjects: Shows subjects related to the field investigation.

Vehicles: Shows vehicles related to the field investigation.

Financial Accounting Module



The financial accounting module is used to track funds deposited into agent buy accounts. The module treats each agent like a bank account. You can deposit and with withdraw buy funds into their accounts. As drug or information buys are made through the Expenditure Module, GRIP automatically deducts funds from an agents account. GRIP will give you a detailed report or sources and uses of funds.

Financial Accounting: Agent name, source of funds, date/time, amount, action type (deposit or withdrawal) and description.

DB Software Associates, LLC

Printed: 11/26/2007

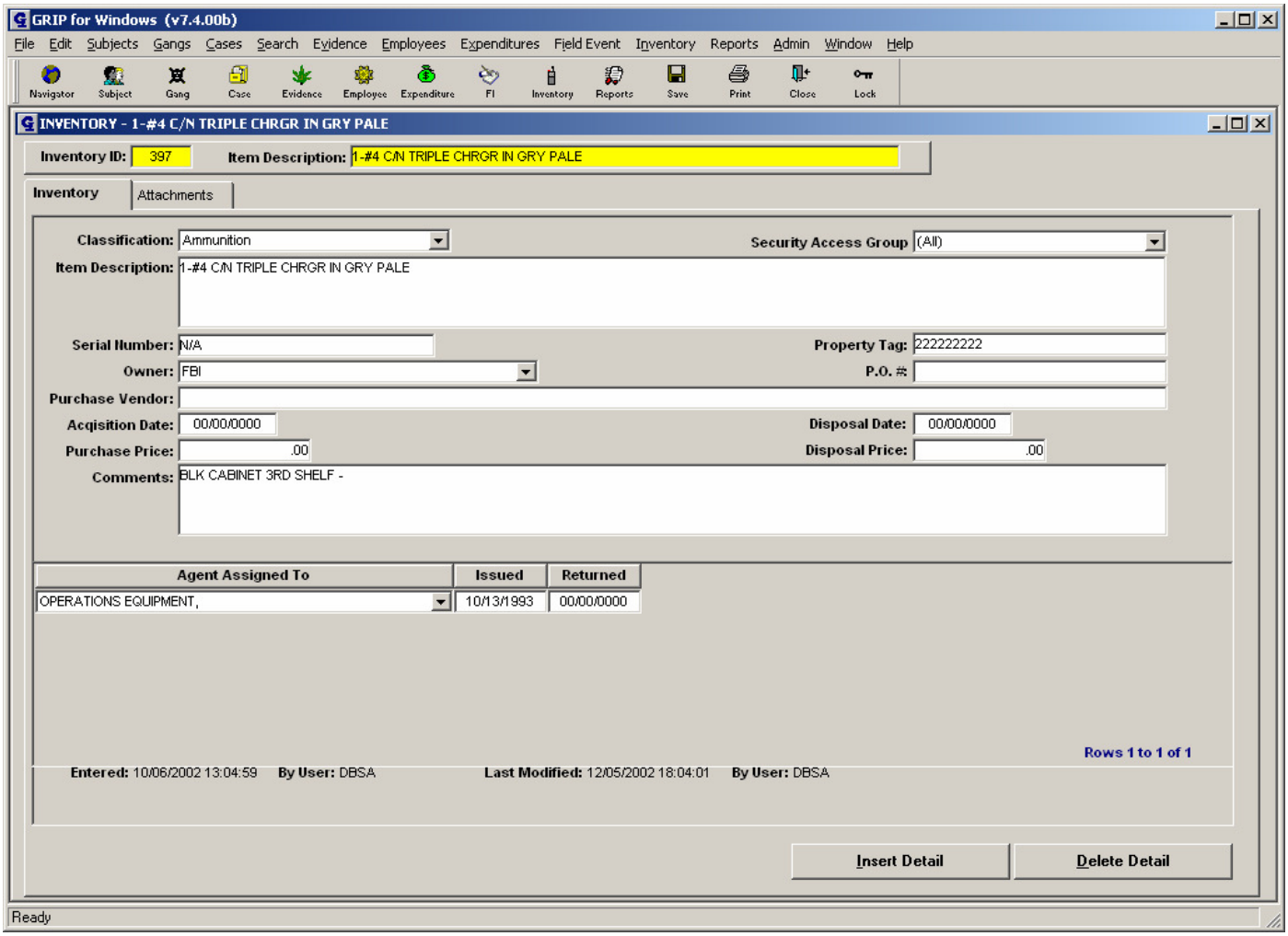
FINANCIAL ACCOUNTING by AGENT

*Agent Name: SMITH, BOB Action Date From: * To: **

Agent	Date	Description	Amount
SMITH, BOB			
	09/22/1994	Drug Buy - 1.200 Grams Methamphetamines	-100.00
	02/28/1997	Drug Buy - 2.300 Grams Methamphetamines	-100.00
	09/08/1997	Drug Buy - 14.000 Grams Methamphetamines	-760.00
	01/01/1998	Drug Buy - Assist	0.00
	01/02/2004	Drug Buy - Assist - 3.000 Grams Barbituates	-500.00
	01/01/2006	Deposit (Transfer From: SMITH, BOB)	100,000.00
		Total for SMITH, BOB	**98,540.00**
		Report Total:	**98,540.00**

Page 1 of 1

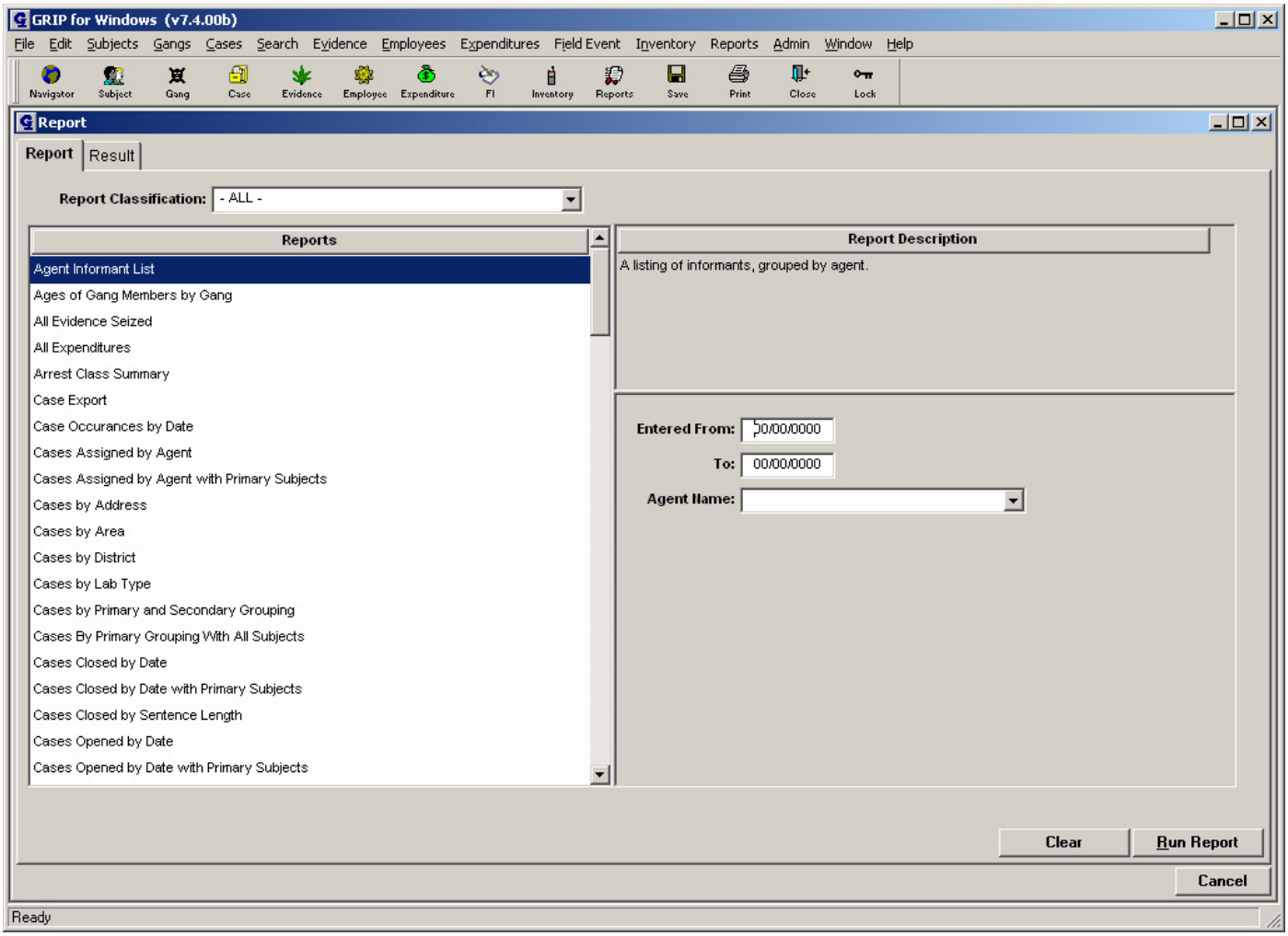
Inventory Module



Inventory: Classification, item description, serial number, owner, acquisition date, disposal date, comments, agent assigned to, date issued and returned.

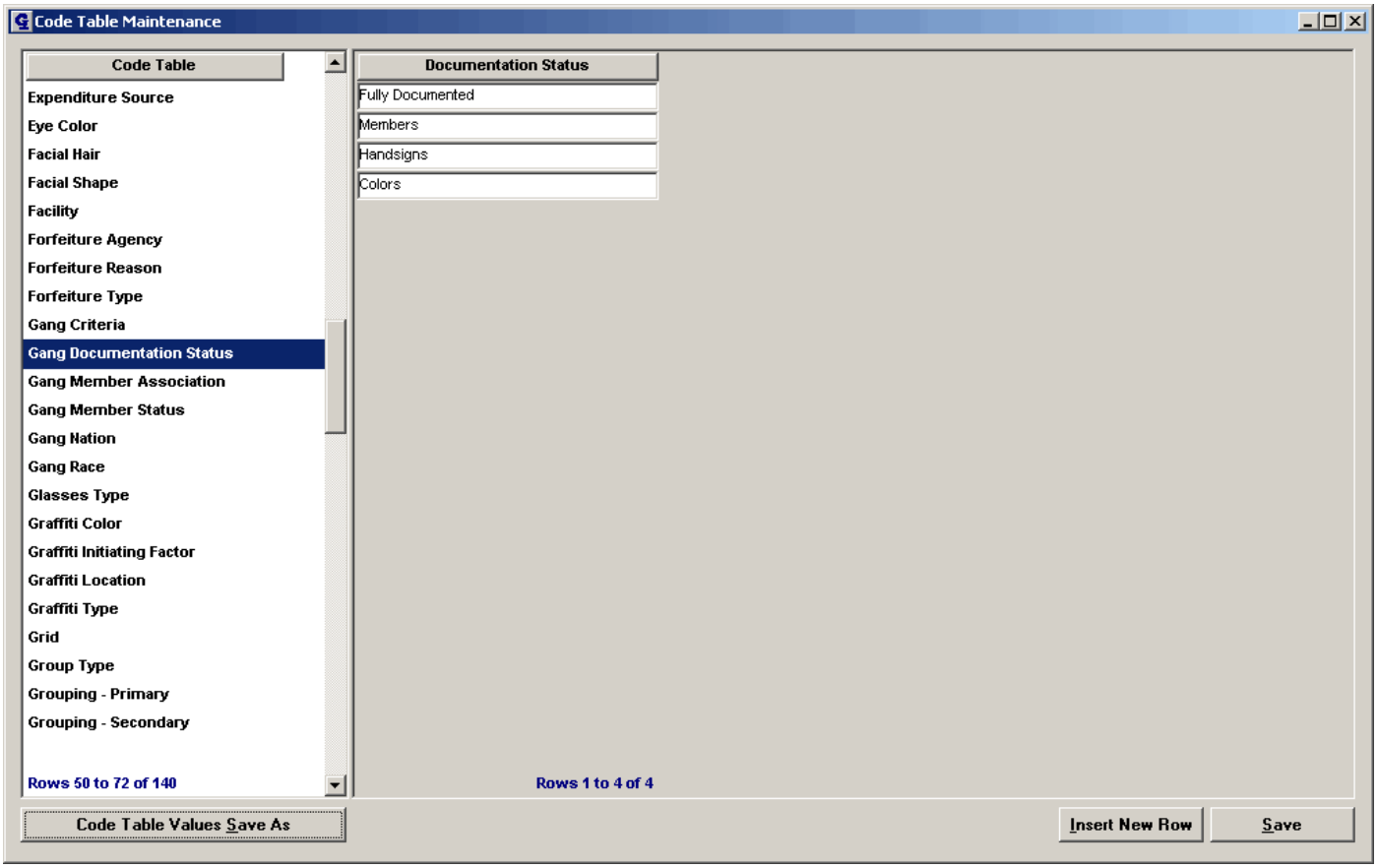
Attachments: Associated documents that contain supporting details. Attachments can be any file, .including PDF, DOC, XLS, etc.

Reports



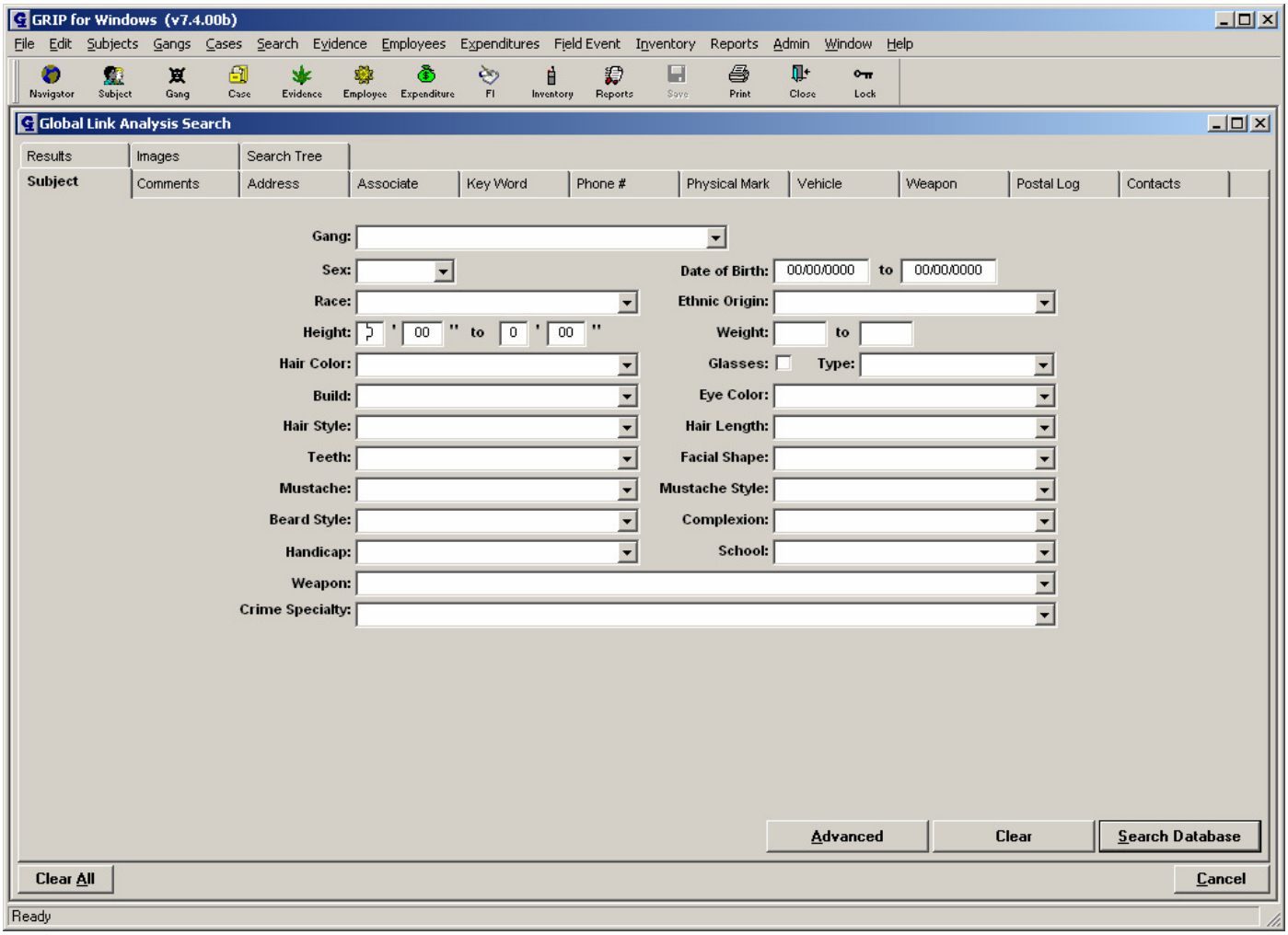
Reports: Each module comes with a multitude of pre-defined reports. Anything entered into the system can be printed out on any laser printer, including images.

Code Tables



Configurable: Over 135 user-maintainable code tables to allow for agency customization.

Searching Capabilities



GRIP Searching

The system supports searches of the entire database based on any specified criteria, including physical description, physical marks, associates, key words, addresses, vehicles and phone numbers. GRIP retrieves records meeting the search criteria and displays a photo of each subject, along with all related information. Subjects matching the search criteria may be printed on a local or network printer.

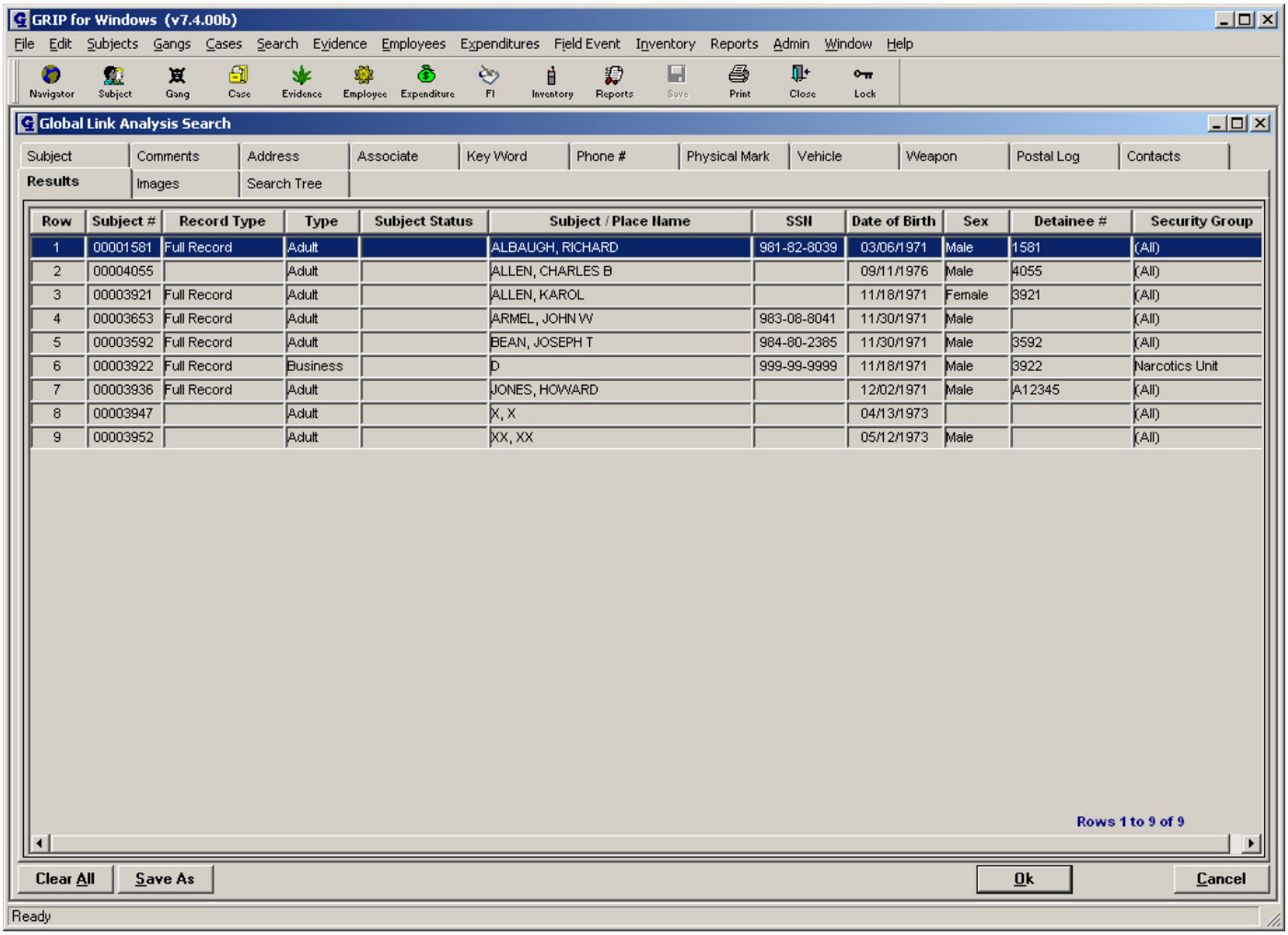
Using full, partial, or sound search methods, you can search the information entered.

- **Full** - finds exact matches only. **Johnson** will find records where the last name is Johnson only.
- **Partial** - finds partial matches. **John** will find records where the last name begins with John.
- **Sound** - finds similar sounding matches. **Smyth** will find records like Smith, Smythe, etc.

Global Link Analysis Search

Global Link Analysis Searching allows users to do multi-dimensional searches of data entered into GRIP. A multi-dimensional search is a search across different types of data, combining the results to produce a list of subjects matching all search criteria. Global Link Analysis Searching allows users to search across subjects, address, associates, key words, telephone numbers, physical marks, and vehicles. The following types of search can now be performed with GRIP:

- Find all males with black hair who belong to the Crips gang and have a nickname of 'Mickey' and have a tattoo of a skull on their left arm.
- Find all whites on the north side who associate with Mike Jones and drive a red, ford mustang.



Characteristic Search

Gang, sex, date of birth range, race, ethnic origin, height range, weight range, hair color, glasses, build, eye color, hair style, hair length, teeth, facial shape, mustache style, beard style, complexion and crime specialty.

Physical Mark Search

Scar, mark or tattoo, location and description.

Associate Search

Last name, first name, middle name, suffix and place name.

Key Word Search

Key work, AKA, alias, moniker.

Address Search

Building number, apartment number, street, street type, direction, city, state and zip code.

Vehicle Search

Year, make, model, style, type, color, plate, state, VIN and owner name.

Phone Number Search

Full or partial telephone number and owner name.

Weapon Search

Serial number, model, caliber/gauge, country of origin, manufacturer, magazine/cylinder and gauge.

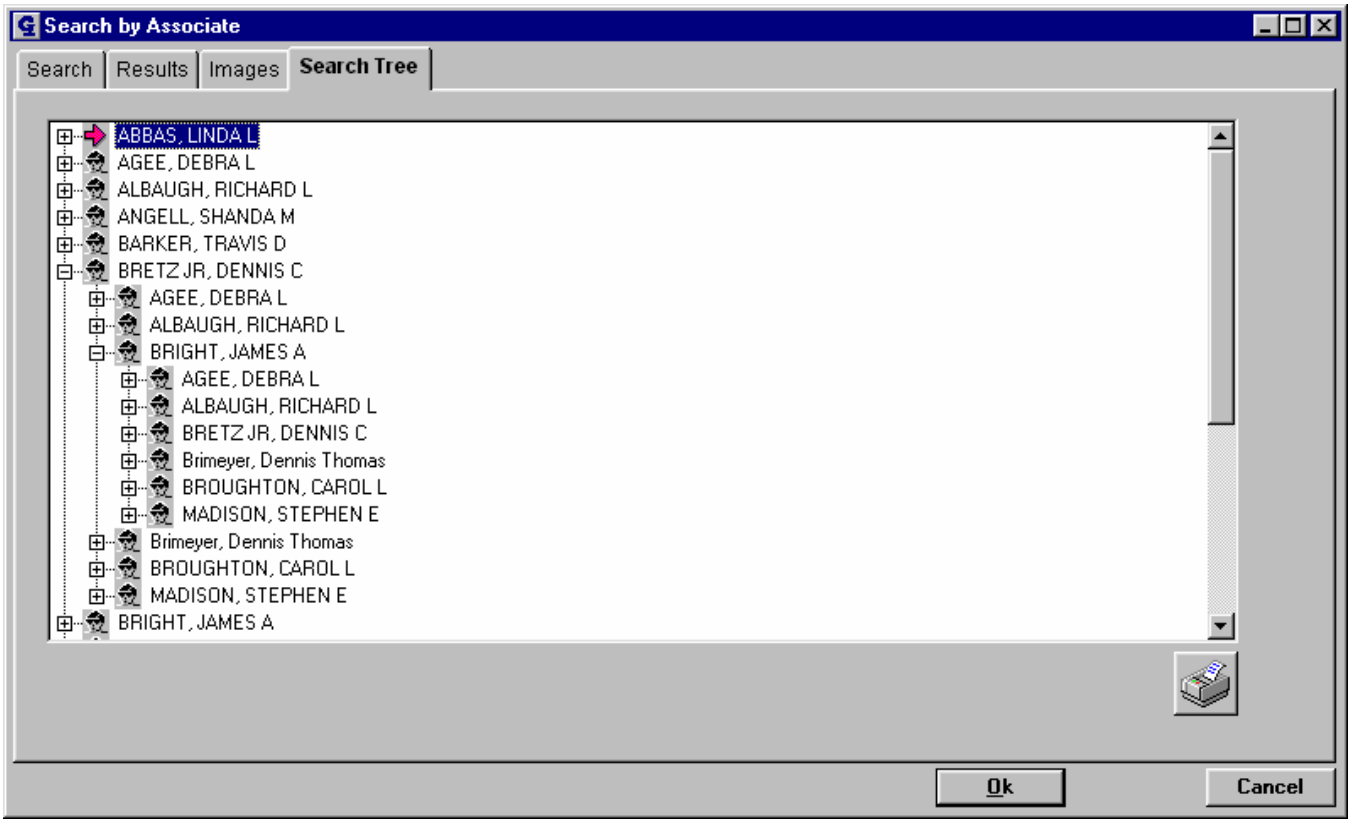
Comments Search

Comment phrases or key words.

Contacts Search

Date, time, reason address.

Search Tree



Search Tree

Automatic associate's matrices (search tree) are built whenever a user performs a subject search in GRIP. In addition to retrieving a list of subjects which match the search criteria, GRIP will automatically build an associate matrix. An associate matrix allows you to immediately view all associates of a subject. For example, an associate matrix allows you to view associates of associates of associates, etc.

Search Photo Array

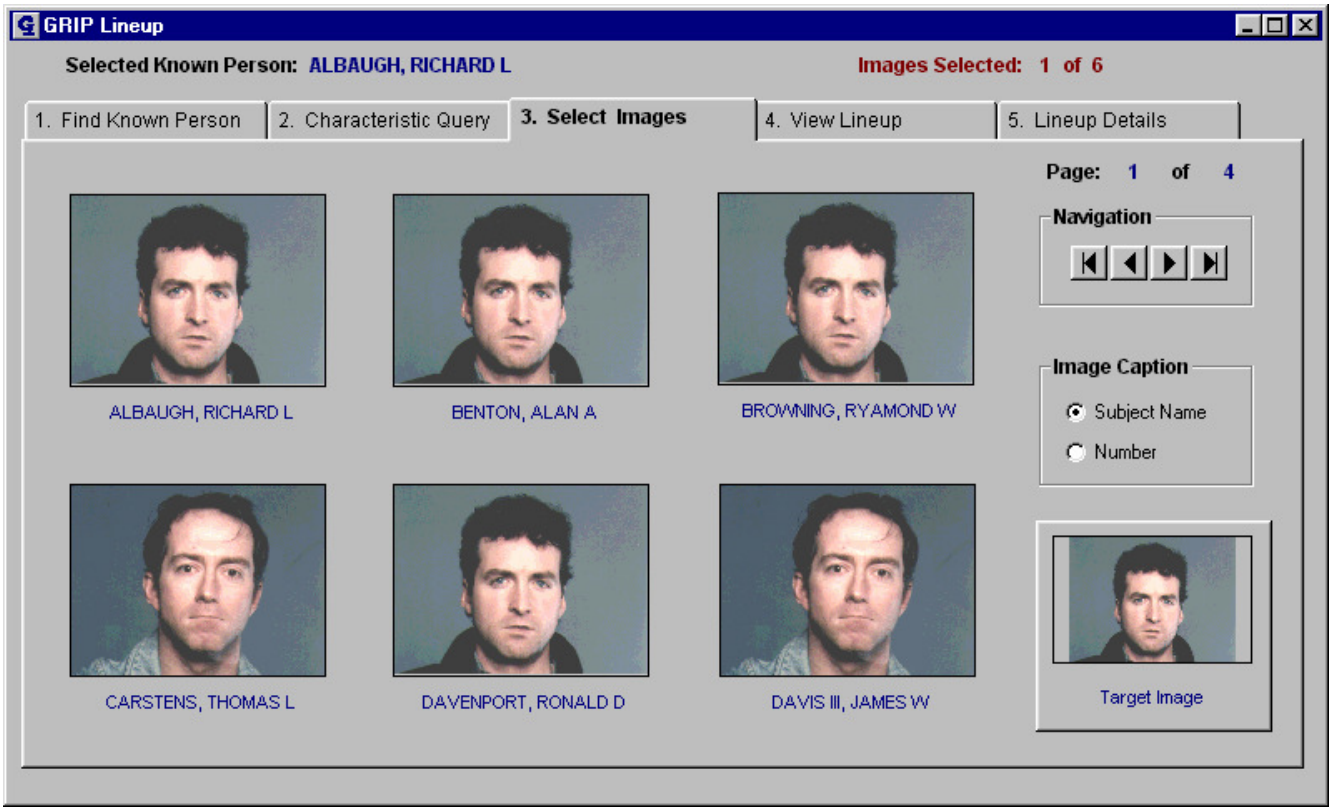
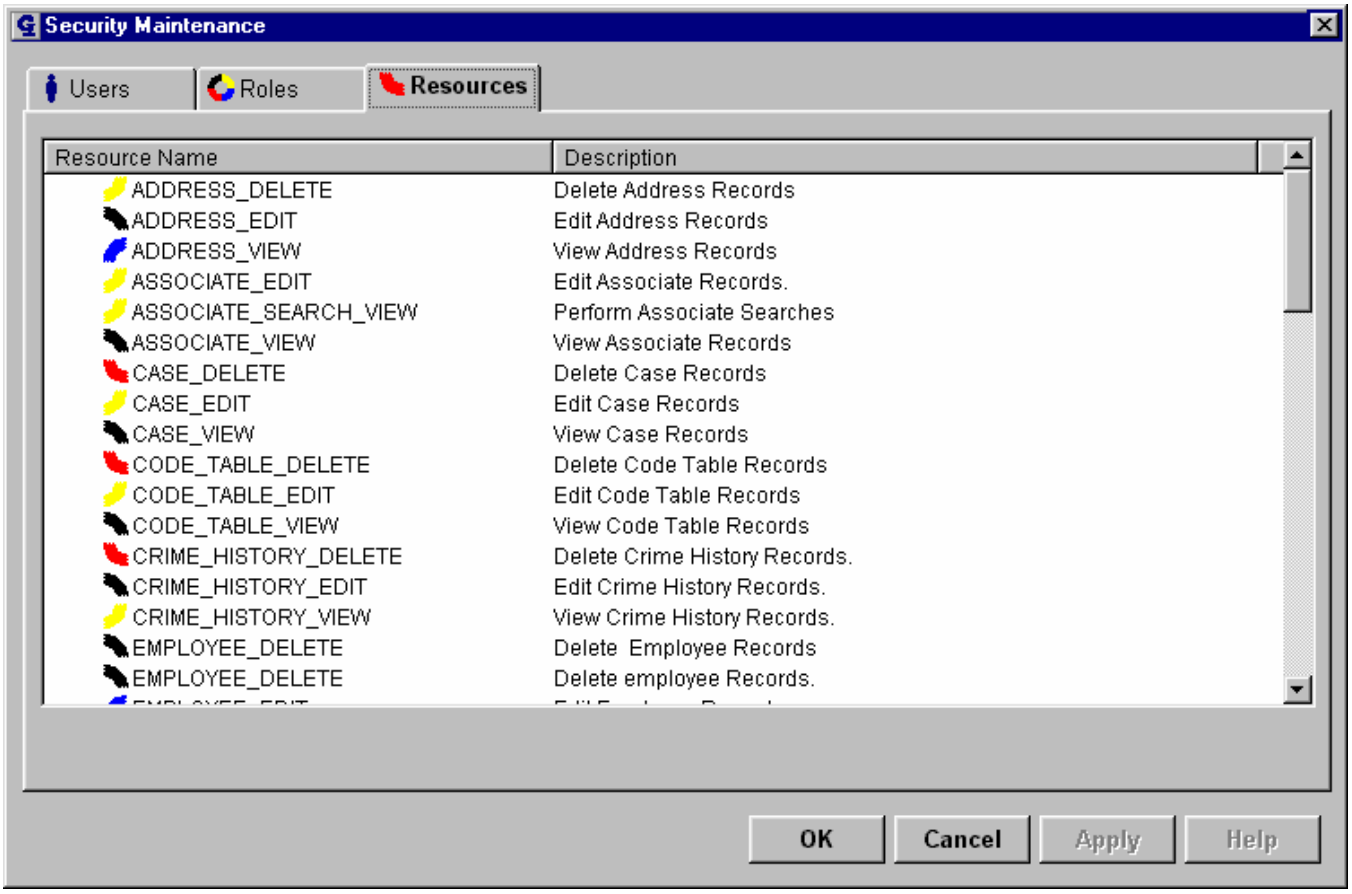


Photo Array

GRIP brings a subject list to life by displaying photo arrays of six images matching the criteria specified by the user. Images can be instantly enlarged at the touch of a button to focus on specific areas of interest such as scars, marks or tattoos. With the addition of a color printer, photos can be printed in full color.

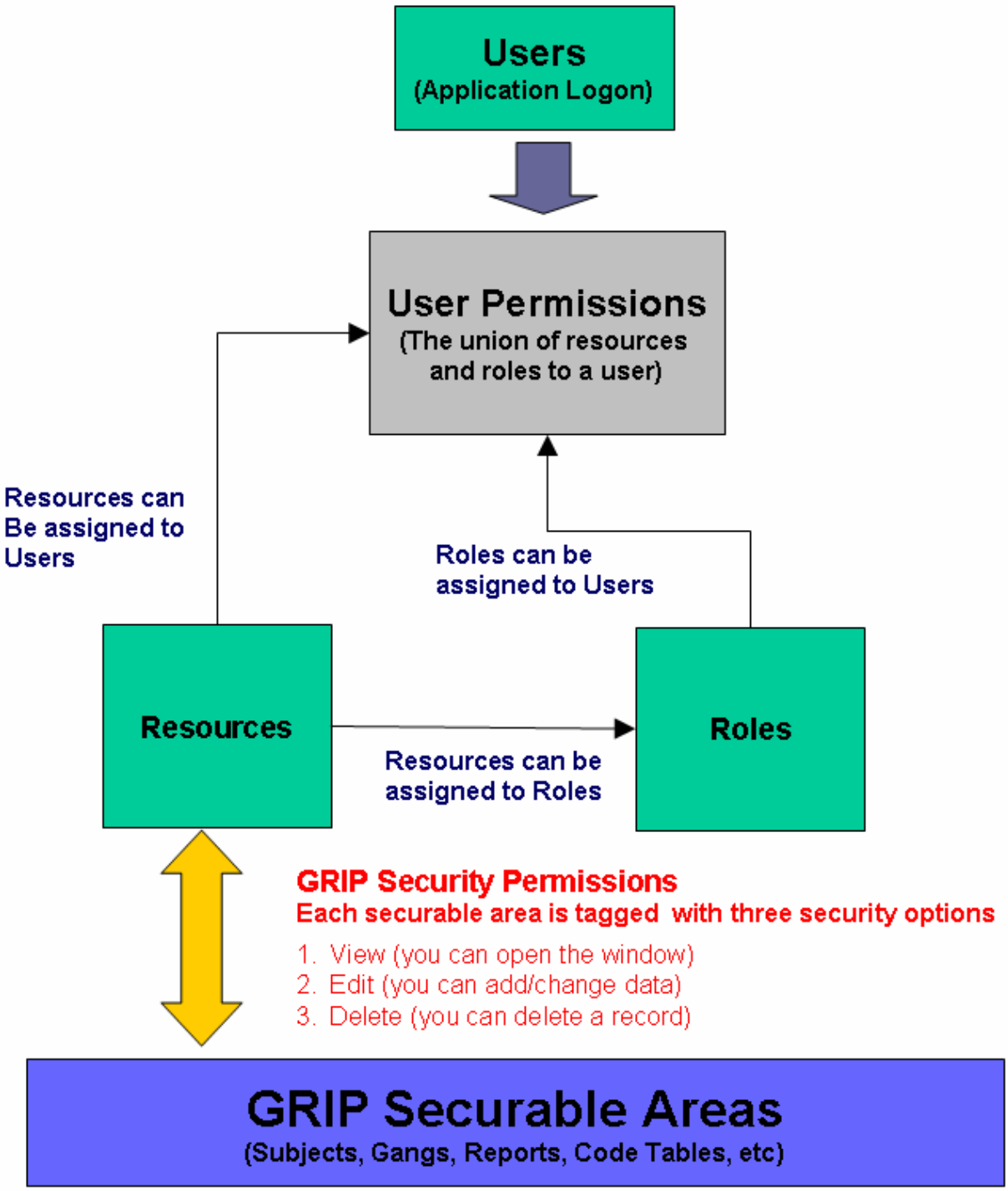
Security



Enhanced Security

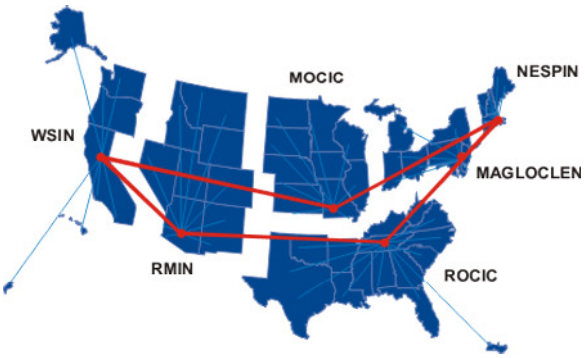
GRIP includes an enhanced system security. Each group of information and function is assigned a resource permission. These resource permissions can either be assigned to a group or an individual. If a user does not have a specific resource permission, either directly assigned or via membership in a group, they are restricted from viewing/editing data or performing secure functions. For example, a user may be granted permission to view data records, but may not be able to edit those records. Security is completely and totally controlled by an on-site systems administrator.

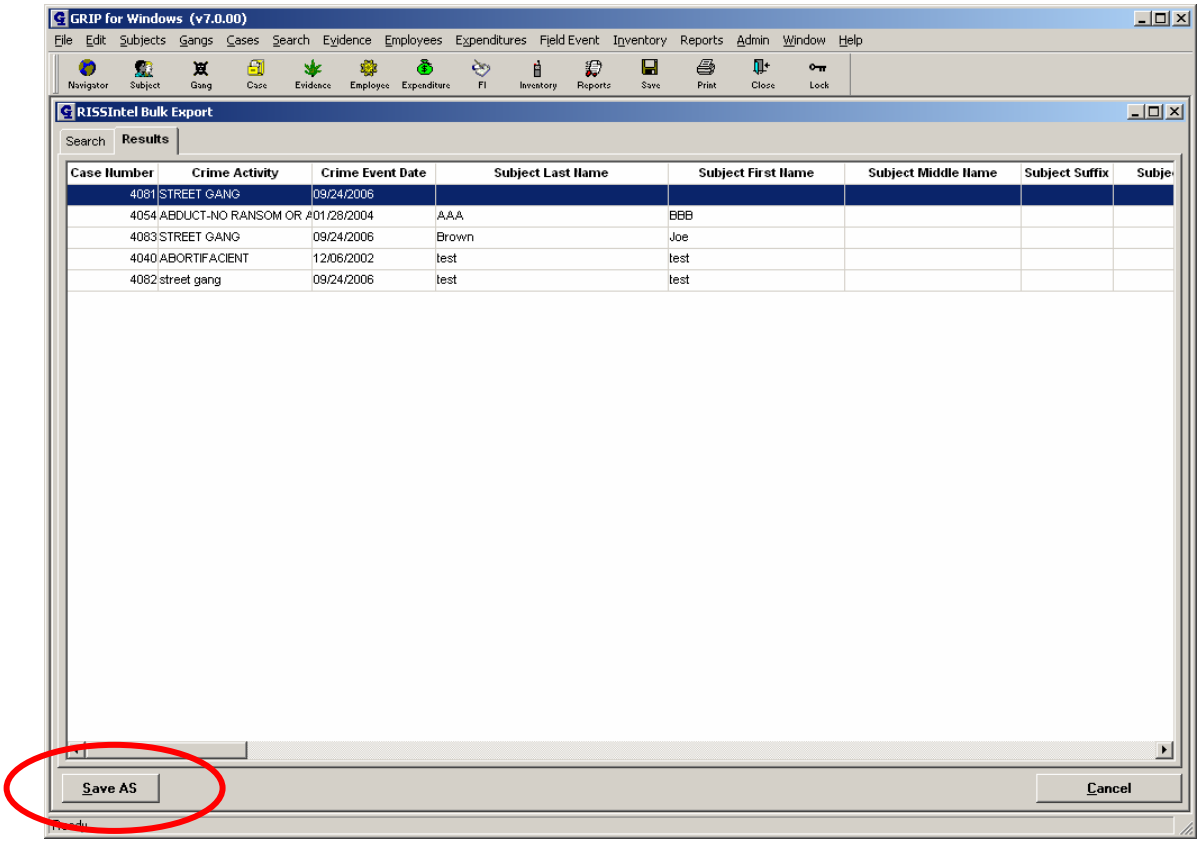
GRIP User Security



RISSIntell Bulk Export

The ability to export data and create upload files for the Regional Information Sharing Systems' RISSIntel Database.





Appendix A - GRIP Code Tables

Address Type
Agency
Area
Arrest Charge Disposition
Associate Relationship
Attachment Type
Beard Style
Beat
Blood Type
Build
Case Report Type
Case Status
City
Closing Type
Code Table Master
Complexion
Contact Reason
Contributing Agency
Country
County
Court Disposition
Court Type
Crime Activity
Crime Specialty
Crime Type
Criteria Question Type
Criteria Status
Custody Agency
Defendant Case Disposition
Defendant Case Status
Defendant Classification
Deposit Method
Dissemination Instruction
District
Division
Drug
Drug Schedule
Employee Status
Employee Type
Ethnic Origin
Evaluation of Information
Evaluation of Source
Evidence Disposition
Evidence Type
Expenditure Reason
Expenditure Source
Eye Color
Facial Hair
Facial Shape
Facility
Forfeiture Agency
Forfeiture Reason
Forfeiture Type
Gang Criteria
Gang Documentation Status
Gang Member Association
Gang Member Status
Gang Nation
Gang Race
Glasses Type
Grid
Group Type
Grouping - Primary
Grouping - Secondary
Hair Color
Hair Length
Hair Style
Hand Preference
Handicap
ID Number Type
Image Type
Inmate Cell Block
Inmate Cell Locker
Inmate Cell/Bed
Inmate Dorm
Inmate Location Unit
Inventory Classification
Inventory Owner
Key Word Type
Lab Type
License Plate Type
Mail Log Type
Marital Status
Measurement
Mustache
Mustache Style
Name Suffix
Nature of Case
NIBRS Codes
Occupation
Phone Type
Primary Grouping
Race
Record Type
Registrant Type
Release Status
Report Classification
Report Group

Appendix A - GRIP Code Tables (continued)

Reports
Review Type
Road Direction
Road Type
Scar, Mark, Tattoo Location
Scar, Mark, Tattoo Type
School
Search Warrant Type
Secondary Grouping
Section
Sector
Sentence Length
Separation Type
Sex
Source of Information
Speech Cartelistic
State
State Offense Codes
Subect Status
Subject Type
Suspect Case Status
Teeth
Threat Index
UCR Codes
Vehicle Color
Vehicle Style
Vehicle Type
Violence Potential
Warrant Remark
Warrant Type
Weapon Caliber/Guage
Weapon Country of Origin
Weapon Manufacturer
Weapon Type

APPENDIX B - HARDWARE / SOFTWARE REQUIREMENTS

Network Server Requirements

(Microsoft SQL Server or Sybase SQL Anywhere)

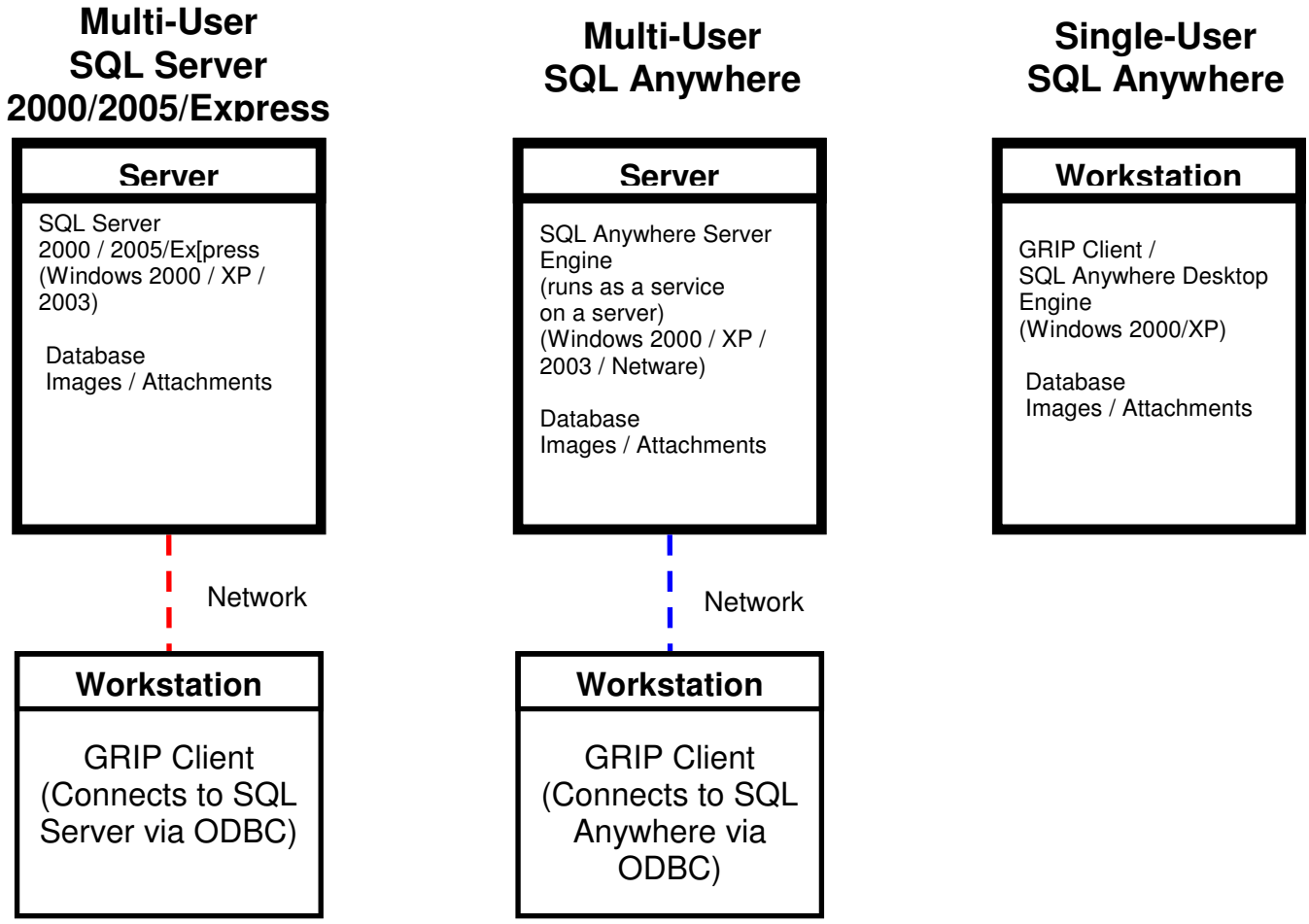
	Minimum	**Recommended**
Processor	Pentium III	Pentium III
Memory	1024 MB	2048 MB or higher
Hard Drive	100 GB	200 GB or higher
Operating System	Windows 2000/XP/Vista®	Windows 2000/XP/Vista ®
Mouse	**x**	**x**
Monitor	**X**	**x**

Desktop / Laptop Client

	Minimum	**Recommended**
Processor	Pentium III	Pentium III
Memory	512 MB	1024 MB or higher
Hard Drive	10 GB	50 GB or higher
Operating System	Windows 2000/XP/Vista®	Windows 2000/XP/Vista ®
Mouse	**x**	**x**
Monitor	**x**	**x**

X = required component, but no specifications are necessary

Window 2000/XP are registered trademarks of Microsoft Corp.


Multi-User
SQL Server
2000/2005/Express
Server
SQL Server
2000 / 2005/Ex[press
(Windows 2000 / XP /
2003)
Database
Images / Attachments
Network
Workstation
GRIP Client
(Connects to SQL
Server via ODBC)
Multi-User
SQL Anywhere
Server
SQL Anywhere Server
Engine
(runs as a service
on a server)
(Windows 2000 / XP /
2003 / Netware)
Database
Images / Attachments
Network
Workstation
GRIP Client
(Connects to SQL
Anywhere via
ODBC)
Single-User
SQL Anywhere
Workstation
GRIP Client /
SQL Anywhere Desktop
Engine
(Windows 2000/XP)
Database
Images / Attachments

APPENDIX C - Frequently Asked Questions

Q. Can GRIP be used in a Network Environment?
A. YES! - GRIP® is designed to function in either a stand alone or network environment. The database can either be Sybase SQL Anywhere or Microsoft SQL Server.

Q. Can GRIP handle BIG databases?
A. YES! GRIP® uses high power, low cost client server database engines. With all databases performance tends to degrade as database size increases. GRIP® is no different; however GRIP® can handle files which contain 100's of thousands of records with impressive speed

Q. What is the Maximum Size of a GRIP database?
A. BIG! - GRIP's database actually consists of many different data tables. Because each of these tables can grow to hundreds of thousands of rows, the maximum size of the database can potentially be many gigabytes of data. GRIP® is capable of handling the volume of data created by most law enforcement agencies.

Q. Can I create my own forms and reports?
A. YES! - GRIP has built in reports ready for use. Beyond the built-in capabilities of GRIP, because GRIP® data is stored in a standard ODBC database, the data can be accessed by many reporting programs.

Q. What kind of hardware should I have to run GRIP?
A. We recommend that your computer be at least a Pentium III (or equivalent) and have at least 512 MB of RAM and 50 Megabytes of available disk space. Because GRIP is a database application you will likely require several hundred megabytes of free disk space to store your data.

Q. Our agency has several years of data in another system, can it be converted?
A. Generally speaking, YES. Each software program or system has its own method or format in which data is stored. Due to the wide variety of systems and file formats each data conversion task is different. Some conversions are easier than others and in some cases the data can not be converted without considerable time, effort and expense. DB Software Associates can and does provide data services. The cost to convert your data to the GRIP system must be quoted on a case by case basis. By providing DB Software Associates with a sample of the data files or written documentation of the exact file formats and indexes, we can determine the complexity and scope of effort necessary to perform the conversion.

Q. How is GRIP Licensed?
A. GRIP® is licensed per concurrent user. So, for example if your agency purchases a 4 user license, you can install GRIP® on as many machines as you wish within your agency, however the software will prohibit more than 4 people from using it at any one time. This permits great flexibility at a minimal expense for your agency.

Q. Can I obtain a maintenance support agreement for GRIP?
A. Yes. DB Software Associates offers an annual software support and maintenance agreement to ensure that your agency will receive technical assistance when needed. Technical support is provided via both e-mail and/or voice telephone and/or via modem and is provided for a fee, depending on the level of service desired

Q. Will I get any updates to the Software at a later time?
A. Licensed users with paid support agreements are entitled to FREE bug fix and all update releases. If a maintenance package is not purchased, future product version releases may involve an upgrade fee.

Q. What if our agency needs to request change to software, can we do that?
A. Yes. Changes can and will be made to GRIP. However, GRIP is not sold as a customized system. GRIP is a product! Requests for changes will be accepted from all licensed users and will be evaluated to determine the impact of the change on all licensed users. If it is determined that the requested change would benefit the product as a whole, then the requested change will be scheduled for a future release. Changes which are so specific as to only benefit a few agencies at the expense of others will not be implemented. No one software product can be all things to all agencies, therefore some compromises need to be made.