Users' Guide to Mapping Software for Police Agencies

Eighth Edition

Crime Mapping and Problem Analysis Laboratory

POLICE FOUNDATION

Fall 2006

**Report to the Office of Community Oriented Policing Services
Cooperative Agreement #2005-CK-WX-K004**

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85	IDRISI	www.clarklabs.org
86	iHAWK	www.publicsafetycorp.com/
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109	Megan's Law Notification	www.gis-services.com/
110	Megan's Mapper	www.solidearth.com
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125	Rigel	www.ecricanada.com
126	S+ SpatialStats	www.insightful.com/products/spatial/default.asp
127	SafeCity	www.geodecisions.com/index.htm
128	SaTScan	www.satscan.org
129	School COP	www.schoolcopsoftware.com
130	Sex Offender Notification and Registration (SONAR)	www.pascackdata.com
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135	Spatial Crime Analysis System (SCAS)	www.usdoj.gov/criminal/gis/scashome.htm
136	S-Plus for ArcView GIS	www.insightful.com/products/arcview/default.asp
137	Staff Wizard	www.coronasolutions.com
138	Street Atlas	www.delorme.com
139	Street Level Activity Mapping (SLAM)	www.baltometro.org/slam.html
140	StreetMap	www.esri.com
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149	Visi System Law Enforcement	www.paisleysys.com/Products/Intros/VISIcais.htm
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Introduction

The Office of Community Oriented Policing Services (COPS) has encouraged the use of computer mapping through its grants programs and has demonstrated a strong interest in fostering problem solving as well as more concentrated approaches to allocation of police resources. In support of this mandate, COPS has provided funds to the Police Foundation's Crime Mapping Laboratory to provide a wide range of support and information, including assisting local police agencies in implementing computer mapping technologies and encouraging mapping applications and information systems in the development of community-oriented policing and problem solving in COPS sites.

In furtherance of the Police Foundation's mandate to advance mapping applications and information systems for community policing and problem solving, this report provides a review of a wide range of mapping software and geographic information systems, focusing on their functionality and ease of use by members of police departments. This report is the eighth update to the *Users' Guide to Mapping Software for Police Agencies*, originally published by the Crime Mapping Laboratory in February 2000.

Products reviewed in this report encompass a wide range of categories or subject areas, and perform a variety of functions, including: 1) data acquisition and data management, 2) geocoding, 3) crime mapping and analysis, 4) Internet mapping, 5) redistricting, 6) emergency management, 7) routing software, and 8) others, including products from each of the following specialized areas: audio-visual mapping, cartography, data mining, drawing/design, GIS applications development, geospatial imaging, geographic profiling, incident tracking/mapping, intelligence analysis, investigative analysis, resource allocation, records management, spatial data analysis, and spatial information systems. The review includes information related to: manufacturer, relevant area of application, contact information, the GIS and operating platforms

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necessary for the product, and a brief product description. In addition, it should be noted that inclusion of crime analysis and crime mapping software resources does not imply an endorsement or recommendation for any particular product by the Police Foundation or the COPS Office.

Methodology

In order to provide a general review of a broad range of software products that police departments may be using or may be considering for adoption, or that departments may not otherwise be exposed to, the Crime Mapping Laboratory cast a wide net. We adopted a multi-part strategy that allowed us to identify a large number of relevant products. Beginning with products currently used in the Police Foundation Crime Mapping Laboratory, staff members also identified additional software products through their knowledge, training, and experience, including those gained in preparation of the *Crime Analysis and Crime Mapping Information Clearinghouse,* as well as through participation in national mapping conferences (Mapping and Analysis for Public Safety (MAPS) annual conferences, International Association of Crime Analysts (IACA), and the annual ESRI conference), and through direct contact with police department personnel, product vendors, technical assistance personnel, and company sales staff.

General Review Elements

For the general software review that follows, we created a format to include descriptive material according to the following elements: product name, manufacturer, category, address, phone, fax, email address, website, GIS platforms, operating platforms, and description. The products are arranged alphabetically by the product name. Each of these elements is explained further, as follows:

Product Name: The name of the product as it is marketed.

Manufacturer: The name of the company that manufactures the software.

Category: We divided the products into ten subject areas that best describe the practical application of the software. In some cases, we list more than one category for a product. The nine areas are as follows:

- *Data Acquisition/Data Management* – These are products that assist with data acquisition, integration, linking, and/or data conversion.

- *Geocoding* – Geocoding products assist users with the process of matching police address data to parcels, streets, or geographic areas.

- *Crime Mapping/Crime Analysis* – These products allow a wide range of crime analysis through mapping activities including point pattern mapping and analysis, querying for spatial and temporal analysis, density grids, or simple and complex spatial statistics. Additional descriptive categories may include: geospatial analysis, plume dispersion, statistics, tactical, and guns and weapons.

- *Internet Mapping* – These products allow visualization, manipulation, and production of data and maps for viewing on the Internet.

- Routing Software – These products provide the ability to locate or query a variety of location types and provide detailed directions for customizable and efficient trip planning.

- *Redistricting* – Redistricting products incorporate a variety of data to determine police patrol beat or district boundaries to optimize the efficient use of departmental resources.

- *Emergency Management* – These products are used primarily for emergency management and response, but those eligible for this review include significant mapping capabilities.

- *Other* – We have also reviewed products that fall in a unique category. They are included because they are specialized and/or more complex software. The categories include: audio-visual mapping, cartography, data mining, drawing/design, GIS applications development, geospatial imaging, geographic profiling, incident tracking/mapping, intelligence analysis, investigative analysis, resource allocation, records management, spatial data analysis, and spatial information systems.

Contact: This entry includes the name of the company and, where a law enforcement contact or a specific contact person could be identified, the individual's name is also provided.

Address: The address of the manufacturer or contact.

Phone: The phone number of the manufacturer or contact.

Fax: The fax number of the manufacturer or contact.

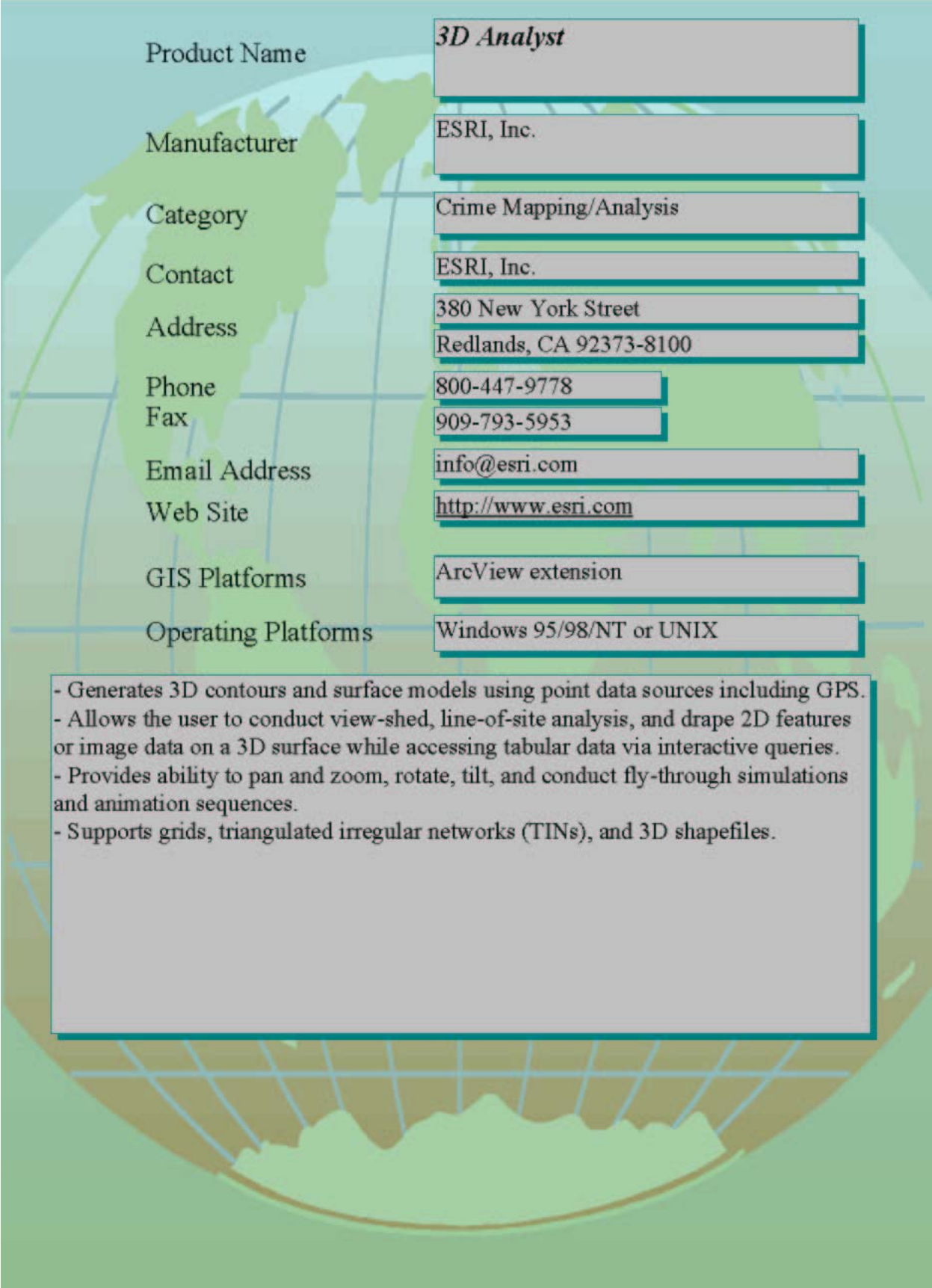**Email Address:** The email address of the manufacturer or contact.

Web Site: The manufacturer's Internet site where information about the products and company itself are located.

GIS Platforms: Many of the software products in this evaluation are extensions or modules that require a basic software package from which to run. Some extensions can run on only one type of software and others can run on many types. The platform(s) necessary to run the software are listed in this field as appropriate. For those products that do not need additional software to run, "stand-alone" is listed in the field.

Operating Platforms: The computer operating system necessary for the product to operate, e.g. Windows 95/98, Windows NT, UNIX, or DOS. System requirements are not specified in this report.

Description: A brief description, in simple bullet format, of the main features and highlights of the software product.

List of Products

Product Name	**3D Analyst**
Manufacturer	ESRI, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	ArcView extension
Operating Platforms	Windows 95/98/NT or UNIX

- Generates 3D contours and surface models using point data sources including GPS.
- Allows the user to conduct view-shed, line-of-site analysis, and drape 2D features or image data on a 3D surface while accessing tabular data via interactive queries.
- Provides ability to pan and zoom, rotate, tilt, and conduct fly-through simulations and animation sequences.
- Supports grids, triangulated irregular networks (TINs), and 3D shapefiles.

Product Name	*ACTIVE*
Manufacturer	DMI Consulting, LLC
Category	Crime Mapping/Analysis
Contact	Bill Kinch
Address	
Phone	801-330-4068
Fax	
Email Address	billk@dmiconsulting.com
Web Site	http://www.dmiconsulting.com/active.htm
GIS Platforms	
Operating Platforms	

- ACTIVE enables visualization, manipulation, and interpretation of a wide range of data sets.

Product Name	**ALI-Auditor**
Manufacturer	microData GIS, Inc.
Category	Crime Mapping
Contact	microData GIS, Inc.
Address	1016 US Route 5 St. Johnsbury, VT 04819
Phone	800-722-6683
Fax	802-748-5447
Email Address	sales@microdatagis.com
Web Site	www.microdatagis.com
GIS Platforms	Stand-alone
Operating Platforms	

- A stand alone application that sychronizes the GIS site and road data with its relational ALI and MSAG databases to dramatically reduce the number of "records not found' and ensure every address has a corresponding location, especially concerning 9-1-1 calls.

Product Name	*Analyst's Notebook*
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2group.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	MS 95/98/00/NT

- This is investigative analysis software that assists investigators. It includes two primary tools, the Link Notebook and the Case Notebook. The Link Notebook provides link analysis charts, activity charts, commodity flow charts, and network or high volume link analysis charts. The Case Notebook provides timeline or sequence of event charts, case flow or transaction charts, and combined charts showing events and flows.

Product Name	**Analyst's Workstation**
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2group.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	MS 95/98/00/NT

- This program integrates the i2 suite. The program provides integration so the user can conduct link and timeline analysis of the data.

Product Name	*ArcExplorer*
Manufacturer	ESRI, Inc.
Category	Internet Mapping
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com/arcexplorer
GIS Platforms	Any ESRI product
Operating Platforms	Window 95/98/NT

· Provides display and query tools as well as data serving and retrieval capabilities via the Internet.
· Allows the user to browse, query, and retrieve data via the Internet in standard formats.
· Can be used as a stand alone data view and query interface as well as a Web mapping client to an Internet Map Server.
· Downloadable for free from the Internet.

Product Name	*ArcGIS 8.x*
Manufacturer	ESRI, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com/software/arcgis
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- ArcView 8.x maintains the base functionality of ArcView 3.x and adds a host of improvements driven by user requests. New features include a catalog for browsing and managing data, on-the-fly coordinate and datum projection, metadata creation, customization with built-in VBA, new editor tools, support for static annotation, enhanced cartographic tools, direct access to Internet data, and much more.
- ArcView 8.x is an exceptional stand-alone GIS as well as the entry point to ArcGIS, an integrated and scalable family of GIS software products.
- ArcGIS consists of ArcView, ArcEditor, ArcInfo, ArcIMS, and ArcSDE. ArcGIS extends ArcView by providing multi-user editing, advanced analysis, Internet services, and high performance spatial database services.

Product Name	*ArcGIS 9.x*
Manufacturer	ESRI, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com/software/arcgis
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- ArcView 9.x adds new capabilities in the areas of geoprocessing, 3D visualization, and developer options. Includes new developments in the areas of usability, reliability, and interoperability as well.

Product Name	*ArcIMS*
Manufacturer	ESRI, Inc.
Category	Crime Mapping
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com/
GIS Platforms	ESRI
Operating Platforms	Windows 95/98/NT

- ArcIMS is the solution to deliver dynamic maps and GIS data and services via the Web.
- It can be used by a wide range of clients including Web applications, ArcGIS Desktop, and mobile and wireless devices.
- Allows users to share data with others to better accomplish tasks.
- Can distribute data in both raster and vector formats.

Product Name	*ArcInfo*
Manufacturer	ESRI, Inc.
Category	Other - Professional GIS
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	
Operating Platforms	Windows NT or UNIX

· High-end GIS with tools for automation, modification, management, analysis, and display of geographic information.
· ArcInfo 9.x has been completely redesigned and includes several new and modified features.
· ArcInfo's development environment, ArcObjects, lets users build custom ArcInfo applications and interfaces using industry-standard development tools such as Visual Basic.
· ArcInfo serves as the core of an ArcGIS system that can include ArcView GIS, ArcSDE, ArcIMS, and more.

Product Name	*ArcView 3.x*
Manufacturer	ESRI, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	
Operating Platforms	Windows

- Easy-to-use interface. Integrated charts, maps, tables, graphics, and multimedia.
- Cartographic wizards facilitate high-quality map composition. Easy-to-use labeling and text tools. Analysis wizards facilitate geoprocessing operations such as buffer, dissolve, merge, clip, intersect, and union. Shapefile projection wizard.
- Enhanced report writing using Crystal Reports.
- High-end address matching and geocoding. Geographic hot links to all supported data formats.
- Integrate images, CAD, map data, tables, and SQL databases.
- Expanded analysis capabilities using optional extensions. Completely customizable.

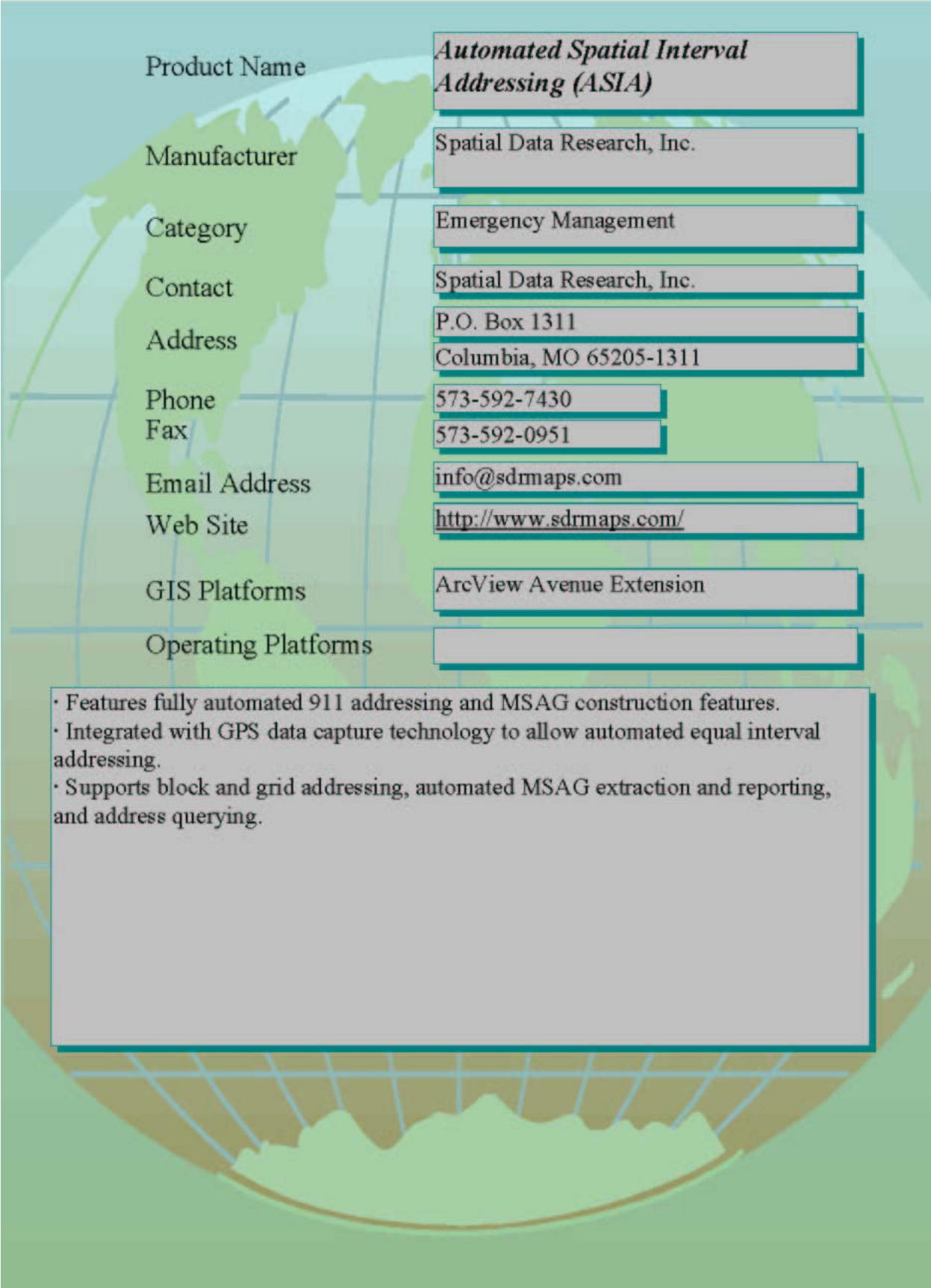|	
Product Name	*ArcView Image Analysis*
Manufacturer	ESRI, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	ArcView extension
Operating Platforms	Windows NT or UNIX

· Allows visualization of a broad range of readily available image data types, including satellite imagery, aerial photography, orthoimagery, and other remotely sensed data.
· Can be used as a vehicle tracking extension that allows direct feed and playback of real-time data such as GPS data.

Product Name	*Autobound*
Manufacturer	Digital Engineering Corporation
Category	Redistricting
Contact	Digital Engineering Corporation
Address	5525 Twin Knolls Road, Suite 321 Columbia, MD 21045
Phone	410-715-2300
Fax	410-715-5507
Email Address	info@digitalcorp.com
Web Site	http://www.digitalcorp.com/
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT or UNIX

· GIS-based system for redistricting, reapportionment, and resource allocation.
· Creates balanced regions using input from point data, polygon data, or other user-specific data in a manual or automated process.
· Supports multiple database file formats, image file formats, and ESRI GIS extensions.

Product Name	**AutoCAD 2007**
Manufacturer	Autodesk, Inc.
Category	Drawing/Design
Contact	Autodesk, Inc.
Address	111 McInnis Parkway San Rafael, CA 94903
Phone	415-507-5000
Fax	415-507-5100
Email Address	
Web Site	http://www.autodesk.com
GIS Platforms	Stand-alone
Operating Platforms	Windows 2000/XP

- Computer aided design software for PCs.
- A customizable 2D and 3D design and drafting environment and toolset used to create, view, manage, plot and output, share, and reuse drawings.
- AutoCAD 2007 includes several new features for conceptual design (e.g., sweeps and lofts, flatten 3D geometry into 2D, cameras) and presentations (e.g., drag and drop materials, transparent solids, animations).
- It also includes added publishing PDF features and help animations.

Product Name	**Automated Spatial Interval Addressing (ASIA)**
Manufacturer	Spatial Data Research, Inc.
Category	Emergency Management
Contact	Spatial Data Research, Inc.
Address	P.O. Box 1311 Columbia, MO 65205-1311
Phone	573-592-7430
Fax	573-592-0951
Email Address	info@sdrmaps.com
Web Site	http://www.sdrmaps.com/
GIS Platforms	ArcView Avenue Extension
Operating Platforms	

· Features fully automated 911 addressing and MSAG construction features.
· Integrated with GPS data capture technology to allow automated equal interval addressing.
· Supports block and grid addressing, automated MSAG extraction and reporting, and address querying.

Product Name	**Automated Tactical Analysis of Crime-New Generation (ATAC-NG)**
Manufacturer	Bair Software Inc.
Category	Crime Mapping/Analysis
Contact	Bair Software Inc.
Address	9249 S. Broadway Rd. Suite 200-137 Highlands Ranch, CO 80129
Phone	800-380-1138
Fax	720-348-1093
Email Address	info@bairsoftware.com
Web Site	www.bairsoftware.com
GIS Platforms	Stand-alone
Operating Platforms	Windows 95

- ATAC is an analytical tool for crime analysis created by crime analysts that functions to identify crime trends, patterns, and series within various databases. ATAC's database uses a Microsoft Access format and SQL, which allows constructing, saving, and modifying original SQL statements.
- ATAC can identify patterns with the use of a "Trend Finder" that weighs characteristics of variables to link cases together. ATAC can perfrom a multitude of statistical functions, generate "watch lists", and perform the most common COMPSTAT stats for your monthly or annual comparisons including percent chages and expected frequenceis. These can be performed with virtually any data type.
- The current version, ATAC NG 2006, offers LiveMeeting capability that provides technical assistance on your computer as you are working.

Product Name	*CADmine*
Manufacturer	Corona Solutions
Category	Data Acquisition/Data Management
Contact	Dale R. Harris, President
Address	9025 Grant Street, Suite 204
	Thornton, CO 80229
Phone	888-450-9887
Fax	303-659-1140
Email Address	
Web Site	http://www.coronasolutions.com
GIS Platforms	Integrates with CAD
Operating Platforms	Windows

· A secure service that provides reports on call load, workload, response times, etc. using the data already available through the CAD system.
· Information is available via the Internet, 24 hours a day, 7 days a week.
· CADmine notifies users automatically of developing trends, allows for the production of automated reports, and has a variety of search capabilities.
· Fully exportable to Microsoft Word® and Microsoft Excel®.

Product Name	*CAIS-Map*
Manufacturer	Crime Analysis Associates
Category	Crime Analysis
Contact	Alpha Group Center and Crime Analysis A
Address	
Phone	909-989-4366
Fax	909-476-8271
Email Address	crimecrush@aol.com
Web Site	http://www.microsoft.com/office/mappoint/
GIS Platforms	Microsoft MapPoint
Operating Platforms	

- An affordable software application that uses Microsoft MapPoint technology to analyze, visualize, and map crime data.
- Allows you to integreate all your crime data into a single, maintainable data source by importing the data from Microsoft Excel spreadsheets or manually entering it.
- Allows the user to geocode more than 6 million U.S. and Canadian addresses.
- Provides the capability to conduct forecasting, hot spot mapping, time series analysis, and customized reports.
- Provides automation for administrative crime analysis needs.

Product Name	*CAU Tracker*
Manufacturer	Bair Software Inc.
Category	Crime Mapping
Contact	Bair Software Inc.
Address	9249 S. Broadway Rd. Suite 200-137 Highlands Ranch, CO 80129
Phone	800-380-1138
Fax	720-348-1093
Email Address	info@bairsoftware.com
Web Site	www.bairsoftware.com
GIS Platforms	Stand-alone
Operating Platforms	Windows 95

- The Crime Analysis Unit (CAU) Tracker will enable a crime analysis unit to more effectively and efficiently manage the various requests received on a daily basis. It helps keep track of the who, what, where, when, how, and why of regular crime analysis related projects.
- It includes email capability, Internet browser, FTP interface, statistics, and more.

Product Name	*Census CD+Maps*
Manufacturer	GeoLytics, Inc.
Category	Data Acquisition/Data Management
Contact	GeoLytics, Inc.
Address	P.O.Box 10
	East Brunswick, NJ 08816
Phone	800-577-6717
Fax	732-651-2721
Email Address	questions@censuscd.com
Web Site	http://www.censuscd.com
GIS Platforms	Stand-alone
Operating Platforms	

· A CD ROM that combines demographic statistics (U.S. Census data) with the power to easily select, map, and export the data.
· Users can search and select the data, custom tailor reports, and view, export, or print results as maps, text, or data reports.
· Geographic boundaries can be exported to other mapping packages.

Product Name	*Census Data*
Manufacturer	U.S. Census Bureau
Category	Data Acquisition/Data Management
Contact	U.S. Census Bureau
Address	U.S. Census Bureau Washington, DC 20233
Phone	301-457-4608
Fax	
Email Address	techsupp@census.gov
Web Site	http://www.census.gov
GIS Platforms	
Operating Platforms	
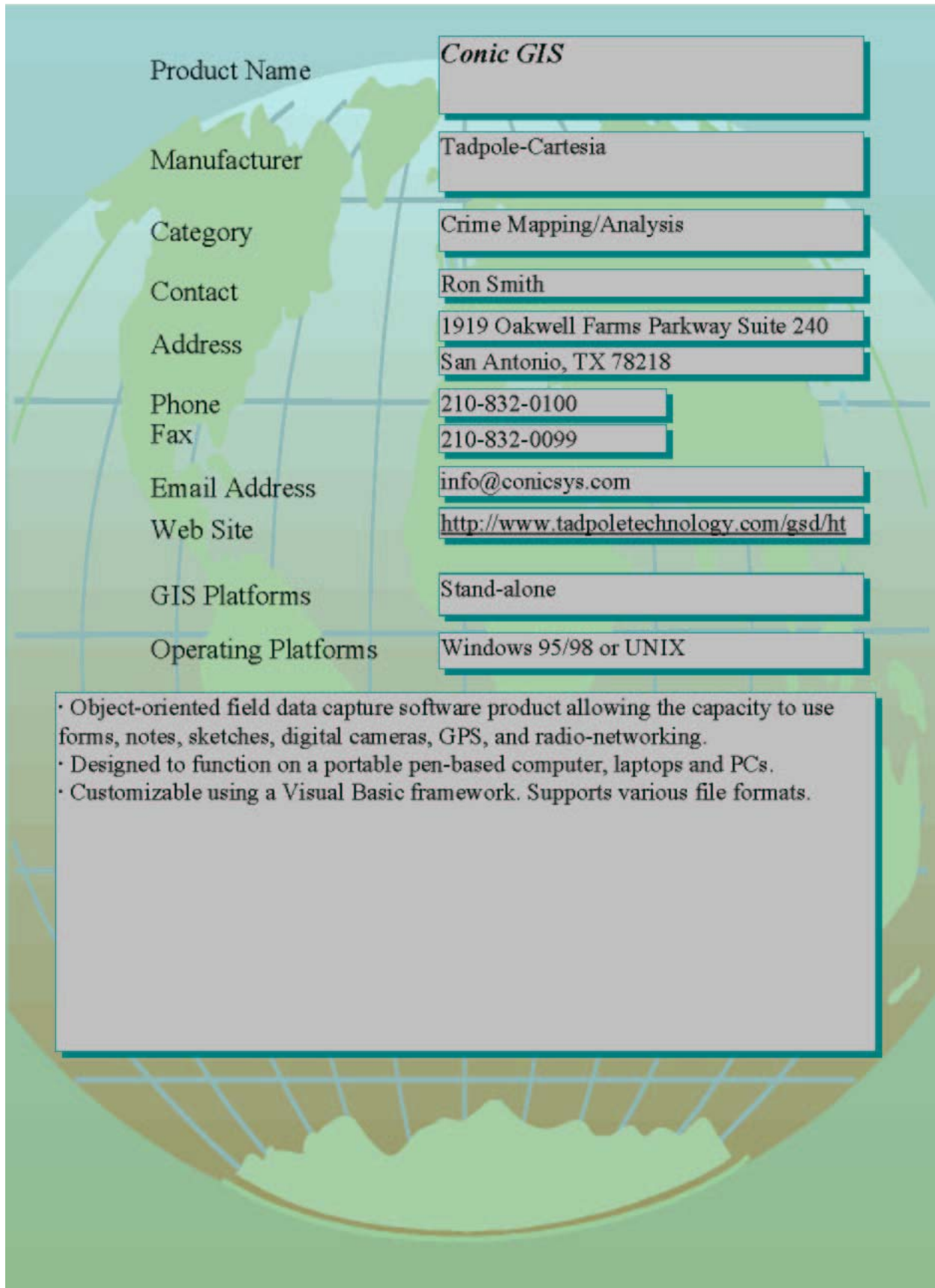
· Census data available for download from the Internet.

Product Name	**Chart Reader**
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2inc.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- Chart Reader makes it easy for analysts and investigators to share their charts electronically with those who do not have access to i2's Analyst's Notebook or Visual Notebook.

Product Name	*Community Policing Beat Book*
Manufacturer	ESRI, Inc. and National Institute of Justice (NIJ)
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com/industries/lawenforce/
GIS Platforms	ArcExplorer
Operating Platforms	Windows 95/98/NT or UNIX

· A free dowloadable application developed by NIJ and ESRI that gives officers access to electronic maps that display information about the community, tools for recording and mapping various types of information, as well as simple search and query functionality.

· The application can be personalized by the officer, and is designed for use either in the field on a laptop or in-car computer, or at the station.

- This application was created using ESRI's Map Objects and supported by National Insititute of Justice(NIJ).

Product Name	*Conic GIS*
Manufacturer	Tadpole-Cartesia
Category	Crime Mapping/Analysis
Contact	Ron Smith
Address	1919 Oakwell Farms Parkway Suite 240 San Antonio, TX 78218
Phone	210-832-0100
Fax	210-832-0099
Email Address	info@conicsys.com
Web Site	http://www.tadpoletechnology.com/gsd/ht
GIS Platforms	Stand-alone
Operating Platforms	Windows 95/98 or UNIX

· Object-oriented field data capture software product allowing the capacity to use forms, notes, sketches, digital cameras, GPS, and radio-networking.
· Designed to function on a portable pen-based computer, laptops and PCs.
· Customizable using a Visual Basic framework. Supports various file formats.

Product Name	**Consequence Assessment Tool Set (CATS)**
Manufacturer	ESRI, Inc. and SAIC, Inc.
Category	Emergency Management
Contact	SAIC, Inc.
Address	10260 Campus Point Drive San Diego, CA 92121
Phone	
Fax	
Email Address	
Web Site	http://saic.com
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT

· Assesses the consequences of technological and natural disasters to population, resources, and infrastructure.
· CATS combines state-of-the-art hazard and consequence prediction, digital databases, and a GIS within an easy-to-learn graphical user interface.

Product Name	*Crime Analysis Information System (CAIS)*
Manufacturer	Crime Analysis Associates
Category	Crime Mapping
Contact	Crime Analysis Associates
Address	10868 Martingale Lane South Jordan, Utah 84095
Phone	
Fax	
Email Address	
Web Site	www.crimeanalysis.net/old/
GIS Platforms	Stand-alone
Operating Platforms	Windows 95

- CAIS-Web provides the working crime analsyst with a set of tools to assist in solving crimes. These include tools that address an automated environment for tactical, strategic, and adminstrative crime analysis needs.
- CAIS-Web also provides the ability to work with UCR and allows analysts to determine how their agencies rate.
- Provides easy reporting and calculates typical functions used in crime analysis including percentage change, clearance rates, officer to population ratio, percentage increase over number, matching funds, population at risk, etc.

Product Name	*Crime Analysis Spatial Extension (CASE)*
Manufacturer	ESRI, Inc. and NIJ
Category	Crime Mapping/Analysis
Contact	NIJ CMAP and ESRI, Inc.
Address	2050 E. Iliff Ave.
	Denver, CO 80208
Phone	800-416-9086
Fax	303-871-2500
Email Address	CMAP@du.edu
Web Site	http://www.crimeanalysts.net/case.htm
GIS Platforms	ArcView extension
Operating Platforms	Windows95/98/NT or UNIX

- A free application developed by NIJ's Crime Mapping and Analysis Program (CMAP) division and ESRI that provides easy-to-use tools for geographic crime analysis, data management, mapping, and reporting. This includes features such as the Spider Diagram, Nearest Neighbor, Standard Deviation Ellipse, Minimum Convex Polygon and more.
- Current free downloads are available for ArcGIS 8.x, 9.0, and 9.1

Product Name	*Crime Analysis Supporting Enforcement (CASES)*
Manufacturer	PC Crime Solutions
Category	Crime Mapping/Tactical
Contact	crimefighters@pccrimesolutions.com
Address	
Phone	
Fax	979-966-3166
Email Address	crimefighters@pccrimesolutions.com
Web Site	http://www.pccrimesolutions.com/index.ht
GIS Platforms	
Operating Platforms	

- CASES is a database system designed to facilitate tactical crime analysis. This system also aids the analyst in detecting patterns, linking suspects, and prosecuting criminals.
- Generates comprehensive reports that can be orgnaized from a variety of sources including subjec, telephone, and event information.
- Originally designed in 1997 CASES has undergone numerous upgrades.

Product Name	*Crime Mapping*
Manufacturer	Applied Mapping, Inc. (AMI)
Category	Crime Mapping/Analysis
Contact	David Buckley
Address	3830 Crown Point Road Jacksonville, FL 32257
Phone	904-292-2001
Fax	904-260-3799
Email Address	info@appliedmapping.com
Web Site	http://www.appliedmapping.com
GIS Platforms	ArcView
Operating Platforms	Windows 95/98 or UNIX

· Tracks and analyzes the occurrence of crime and available resources.
· Customizable to individual departments and capable of incorporating additional layers of geography.
· Access through the Internet or intranet.
· User friendly, point and click application.
· Uses standard management reporting tools with customization possible.

Product Name	*CrimeConnect*
Manufacturer	Civica Software
Category	Crime Mapping/Tactical
Contact	Civica Software, Public Safety Division
Address	20101 SW Birch Street, uite 250 Newport Beach, CA 92660
Phone	949-851-1600
Fax	949-851-1930
Email Address	info@crimeconnect.com
Web Site	www.crimeconnect.com.default.asp
GIS Platforms	Stand-alone
Operating Platforms	Windows 95/98/NT

- CrimeConnect is a secure Web-based tactical crime information sharing system that enables single or multiple police jurisdictions to share information such as Wanteds, Missing Persons, Sex Crime Registrants, Bulletins, etc. in a real time bases.

- The data can also be used to automatically assemble and display customized briefings, and make the briefing content available for retrieval by all law enforcement personnel 24/7, including mobile units. CrimeConnect can also be integrated with GIS software to map out crime categories and locations.

Product Name	**CrimeInfo**
Manufacturer	MapInfo/Charles River Technologies Group
Category	Crime Mapping/Analysis
Contact	Charles River Technologies Group, Inc.
Address	120 School Street, Suite 1 Lexington, MA 02421
Phone	781-862-8833
Fax	781-861-6633
Email Address	info@charlesrivertech.com
Web Site	http://www.charlesrivertech.com
GIS Platforms	MapInfo
Operating Platforms	

· A near real-time strategic, administrative, and tactical analysis tool that allows users to view demographic and community data as a backdrop to incident locations to identify possible linkages between neighborhood conditions and crime patterns.
· Map layers maintained by your town or city can be integrated into CrimeInfo.

Product Name	*CrimeLink*
Manufacturer	Precision Computing Intelligence
Category	Crime Mapping/Analysis
Contact	Precision Computing
Address	500 E. Fry Blvd, Suite L4-B Sierra Vista, AZ 85635
Phone	520-458-5990
Fax	520-458-6002
Email Address	support@pciusa.us
Web Site	www.crimelink.com
GIS Platforms	
Operating Platforms	

- CrimeLink is an investigative analysis tool designed to assist the law enforcement or intelligence analyst in compiling large amounts of seemingly independent and unrelated data into orderly, understandable, and comprehensible graphical formats.
- The key analytical techniques automated by CrimeLink™, include Matrix Manipulation, Link Diagramming, Time Event Charting, and Telephone Toll Analysis.
- CrimeLink™ also comes equipped with other features, including: robust import capabilities, data correlation, user-definable data elements, user-definable entity types, customizable filters, extensive options, and a dynamic web page creation tool that permits a case, including all information and charts, to be quickly published and viewed through the use of any HTML 4.0 compatible browser.

Product Name	***CrimeMap***
Manufacturer	GeoSpatial Technologies
Category	Crime Mapping/Analysis
Contact	GeoSpatial Technologies
Address	
Phone	
Fax	626-453-8338
Email Address	info@geospatialtech.com
Web Site	http://www.geospatialtech.com
GIS Platforms	Stand-alone
Operating Platforms	

· Mapping and analytical tool that allows users to create maps from CAD or RMS files, select incidents by date, time, etc., and generate reports, tables, maps, and charts.
· Built-in analytical tools allow crime analysts to conduct spatial analyses such as hotspot analysis, intensity analysis, density analysis, and temporal pattern analysis.

Product Name	**CrimeNtel**
Manufacturer	CI Technologies
Category	Crime Mapping/Intelligence Analysis
Contact	CI Technologies Corporation
Address	
Phone	800-620-8504
Fax	425-955-0896
Email Address	sales@ci-technologies.com
Web Site	www.ci-technologies.com
GIS Platforms	
Operating Platforms	Windows 95/98/NT

- CrimeNtel is a criminal intelligence software that includes a mapping edition as well.
- The core ie the CrimeNtel for Windows that is modeled after Microsoft Outlook and focuses on intelligences submission and its links to related entities such as persons, vehicles, groups, etc.
- Has security and access control screening with dissemination log and purge/review capabilities.
- CrimeNtel uses icons and "tree views" to show linked elements at a glance. This software also allows "Fast Find" and "Query Builders" to search one data field or a combination of data fields. The imaging feature links users to a limitless number of images.
- CrimeNtel also supports linking to existing image fields on a network, hard drive, floppy drive, or other media.

Product Name	*CrimePoint*
Manufacturer	Forensic Logic
Category	Crime Mapping/Analysis
Contact	Forensic Logic
Address	#423, 712 Bancroft Road Walnut Creek, CA 94598
Phone	925-937-0910
Fax	646-607-7669
Email Address	support@forensiclogic.com
Web Site	www.forensiclogic.com
GIS Platforms	
Operating Platforms	Windows 2000 or XP

- CrimePoint is an interactive and integrated crime analysis and resource allocation system.
- The CrimePoint product line was designed to work in concert with one another to provide and effective means of aggregating, analyzing, and disseminating information to all levels of law enforcement from the chief to the cop on the street.
- The line includes CrimePoint Analyst, Command, Professional, and Enterprise Server which facilitates data sharing between jurisdictions and multi-jurisdicational task forces.

Product Name	*CrimeShow*
Manufacturer	Applied Geographics, Inc.
Category	Crime Mapping/Analysis
Contact	Don McGough, Director of Research & Ev
Address	One Schroeder Plaza
	Boston, MA 02120
Phone	617-343-4530
Fax	
Email Address	mcgoughd.bpd@ci.boston.ma.us
Web Site	http://www.cityofboston.gov/police/ (Goog
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT

· CrimeShow was developed using ESRI's MapObjects software and was designed specifically to be used in Compstat.
· CrimeShow includes basic mapping and charting functionality, as well as links to on-line incident reports, booking sheets, mug shots, and 360 degree interactive photographs, all of which are activated by selecting points on a map.
· Charts and maps are interactive and can be displayed simultaneously. For instance, while displaying a robbery map, you can show a pie chart of those incidents by weapon type.
· Crime analysts are currently the primary users of the CrimeShow application; however, additional police personnel may have access to the program in the future.

Product Name	*CRIMESolv*
Manufacturer	ArcBridge Consulting and Training, Inc.
Category	Crime Mapping/Analysis
Contact	Arcbridge Consulting and Training Inc.
Address	203 Elden St., Suite 303 Herndon, VA 20170
Phone	703-834-6511
Fax	703-834-6514
Email Address	info@arcbridge.com
Web Site	http://www.arcbridge.com/crimesolv.htm
GIS Platforms	Stand alone/ArcGIS/ArcView/ArcIMS
Operating Platforms	Windows

- CRIMESolv is a geographic information system specifically tailored for crime analysis and crime mapping.
- The software interfaces with existing Computer Aided Dispatch (CAD) and Records Management Systems (RMS) databases to automatically import data at scheduled intervals, providing departments with the most recent data and reports to analyze.
- The system empowers allocation of scarce staffing and predicts crime patterns. The technology can help the department schedule times and areas for patrols and provide shifts with information for ongoing investigations. It may also be used to provide the patrol force with a better idea of when and where accidents are occurring.

Product Name	*CrimeStat*
Manufacturer	Ned Levine & Associates and NIJ
Category	Crime Mapping/Analysis
Contact	Ned Levine
Address	
	Annandale, VA
Phone	800-999-0960
Fax	
Email Address	crimestat@nedlevine.com
Web Site	http://www.ojp.usdoj.gov/cmrc
GIS Platforms	Multiple
Operating Platforms	Windows 95/98/00/NT

· CrimeStat is a free spatial statistics program for the analysis of crime incident locations, developed by Ned Levine & Associates under grants from the Crime Mapping Research Center at the National Insitute of Justice (NIJ).
· Provides supplemental statistical tools to aid law enforcement agencies and criminal justice researchers in their crime mapping efforts.
· The program inputs incident locations in dBase© 'dbf,' 'shp,' or ASCII format, calculates various spatial statistics and writes graphical objects to ArcView®, MapInfo®, Atlas*GIS™, Surfer® for Windows, and ArcView Spatial Analyst© as well as to other GIS packages, such as Maptitude® and Vertical Mapper®.

Product Name	*CrimeStat 2*
Manufacturer	Ned Levine and Associates
Category	Crime Mapping/Analysis
Contact	Ned Levine
Address	
Phone	
Fax	
Email Address	crimestat@nedlevine.com
Web Site	www.icpsr.umich.edu/NACJD/crimestat.ht
GIS Platforms	See below.
Operating Platforms	Windows

- CrimeStat II is a stand-alone spatial statistics program for the analysis of crime incident locations that can interface with most desktop GIS programs. The purpose is to provide supplemental statistical tools to aid law enforcement agencies and criminal justice researchers in their crime mapping efforts. Thus, the underlying philosophy behind CrimeStat is to provide an extension to GIS-based software for the purpose of helping researchers and analysts in their work.

- The program inputs incident locations in '.dbf', '.shp', '.dat', or ASCII formats using either spherical or projected coordinates. Also, it can treat zones as pseudo-points (or points with intensities). The program calculates various spatial statistics and writes graphical objects as map features to ArcView ®, ArcGIS ®,, MapInfo ®,, Atlas*GIS TM, Surfer ®, for Windows, ArcView Spatial Analyst ©.

Product Name	*CrimeStat 3*
Manufacturer	Ned Levine and Associates
Category	Crime Mapping/Analysis
Contact	Ned Levine
Address	
Phone	
Fax	
Email Address	crimestat@nedlevine.com
Web Site	www.icpsr.umich.edu/NACJD/crimestat.ht
GIS Platforms	Multiple
Operating Platforms	Windows

- CrimeStat III contains some added features such as network 'distance' calculations, a new module on crime travel demand, and additional routines that increase its existing functionality (e.g., convex hull routine, Moran correlogram routine, spatial temporal routine).

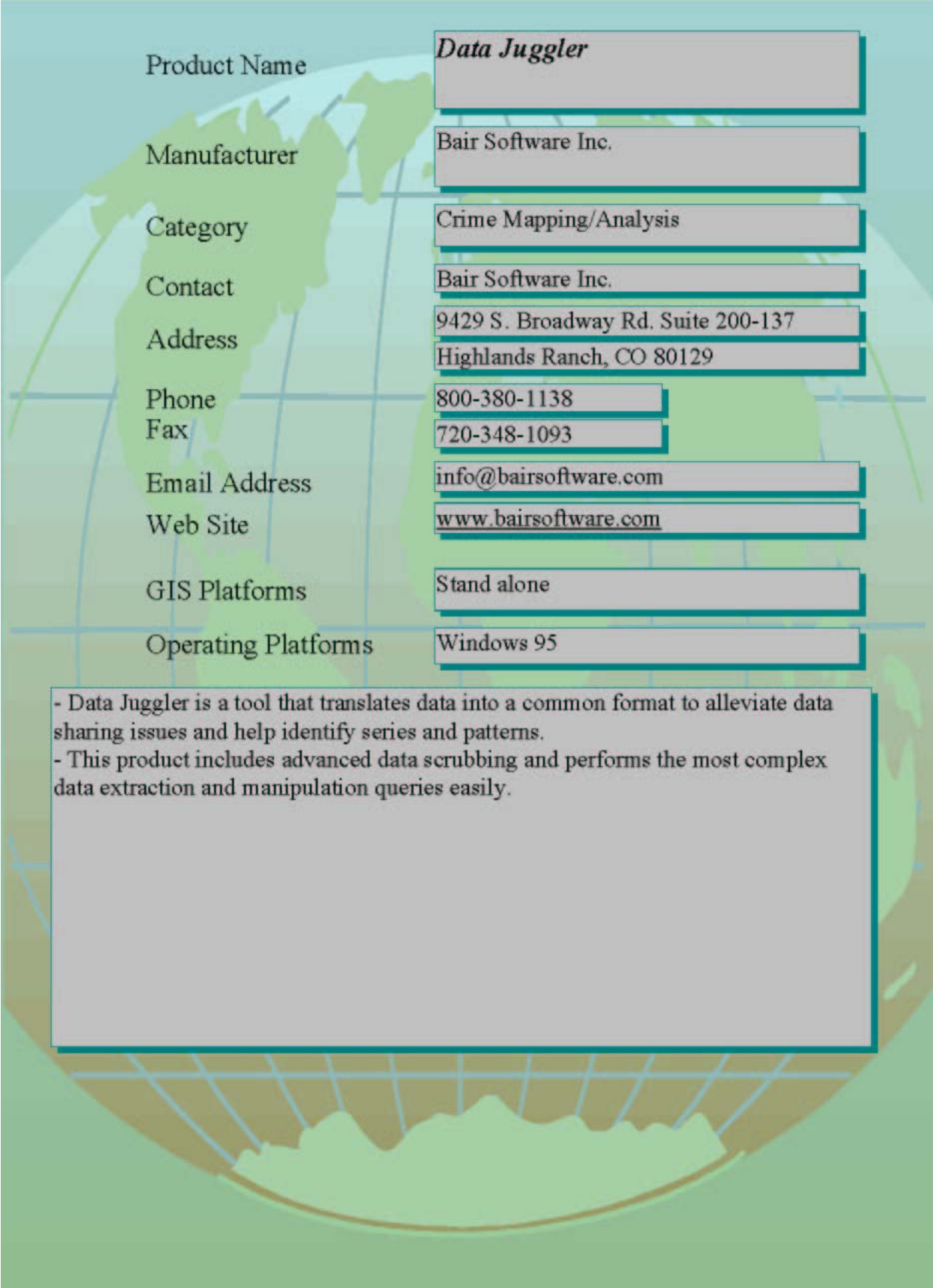|	
Product Name	*CrimeView*
Manufacturer	The Omega Group
Category	Crime Mapping/Analysis
Contact	Milan Mueller, President
Address	12707 High Bluff Drive, Suite 120 San Diego, CA 92130-2035
Phone	619-481-3119
Fax	619-481-9051
Email Address	mail@theomegagroup.com
Web Site	http://www.theomegagroup.com/index.htm
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT

· Tailored specifically to conduct crime analysis.
· Allows for a full range of crime analysis activities including complex queries.
· Point and click, user friendly interface allowing full access to ArcView mapping and geographic analysis capabilities.
· Allows automated mapping of crime incidents, offenders, crime densities, and repeat call investigations.

Product Name	**CrimeView Community**
Manufacturer	The Omega Group
Category	Crime Mapping/Analysis
Contact	Milan Mueller, President
Address	12707 High Bluff Drive, Suite 120 San Diego, CA 92130-2035
Phone	619-481-3119
Fax	619-481-9051
Email Address	mail@theomegagroup.com
Web Site	http://www.theomegagroup.com/index.htm
GIS Platforms	ArcIMS
Operating Platforms	Internet Browser

- CrimeView® Community is a browser-based community policing application that enables community members to access crime data in their neighborhoods quickly and easily. Using ESRI's ArcIMS® server software, this web based mapping technology gives communities the information they need at any given time.

Product Name	**CrimeWatch**
Manufacturer	Public Safety Associates, Inc.
Category	Crime Mapping/Analysis
Contact	Public Safety Associates, Inc.
Address	4545 Fuller Drive, Suite 416 Irving, TX 75038
Phone	972-791-0911
Fax	972-717-9099
Email Address	sales@psadallas.com
Web Site	http://www.psadallas.com
GIS Platforms	MapInfo
Operating Platforms	Windows 95/98/NT

· Powered by MapInfo's MapX and MapMarker Plus.
· Features an import utility to allow users to import crime and parolee data in a dBase, Excel, Access, or ASCII text files.
· Automatically geocodes records without latitude/longitude points and allows the user to designate points manually.
· Allows users to print reports of queries as well as standard monthly federal crime reports.

Product Name	*Data Juggler*
Manufacturer	Bair Software Inc.
Category	Crime Mapping/Analysis
Contact	Bair Software Inc.
Address	9429 S. Broadway Rd. Suite 200-137
	Highlands Ranch, CO 80129
Phone	800-380-1138
Fax	720-348-1093
Email Address	info@bairsoftware.com
Web Site	www.bairsoftware.com
GIS Platforms	Stand alone
Operating Platforms	Windows 95

- Data Juggler is a tool that translates data into a common format to alleviate data sharing issues and help identify series and patterns.
- This product includes advanced data scrubbing and performs the most complex data extraction and manipulation queries easily.

Product Name	*DataDetective*
Manufacturer	Sentient Information Systems
Category	Crime Mapping/Analysis/Data Mining
Contact	Rob van der Veer
Address	Singel 160, 1015 AH Amsterdam The Netherlands
Phone	+31-20-5300-325
Fax	+31-20-5300-331
Email Address	rob@sentient.nl
Web Site	http://www.sentient.nl/
GIS Platforms	
Operating Platforms	Windows 95/98/00/NT/XP

- This product is a data mining tool that has a modular design consisting of an associative analysis engine, a graphical user interface and interfaces to virtually all common database formats. Several tasks are supported (e.g., normal queries, profile analysis, extensive graphical report facilities, etc.).
- Contains a basic geographic module. For advanced visualization there is a tight integration with MapInfo (e.g., hot spots, contour maps).
- Users can utilize Data Detective to understand crime by finding key relations and explanations in vast amounts of data. It enables the user to simultaneously analyze thousands of different characterisitcs from several sources (suspect data, incident data, sociodemographic data, government data) to rapidly discover complex relations that would otherewise be overlooked. It can assist in finding clusters of similar incidents, causes for particular types of crime, and causes for repeated crimes.
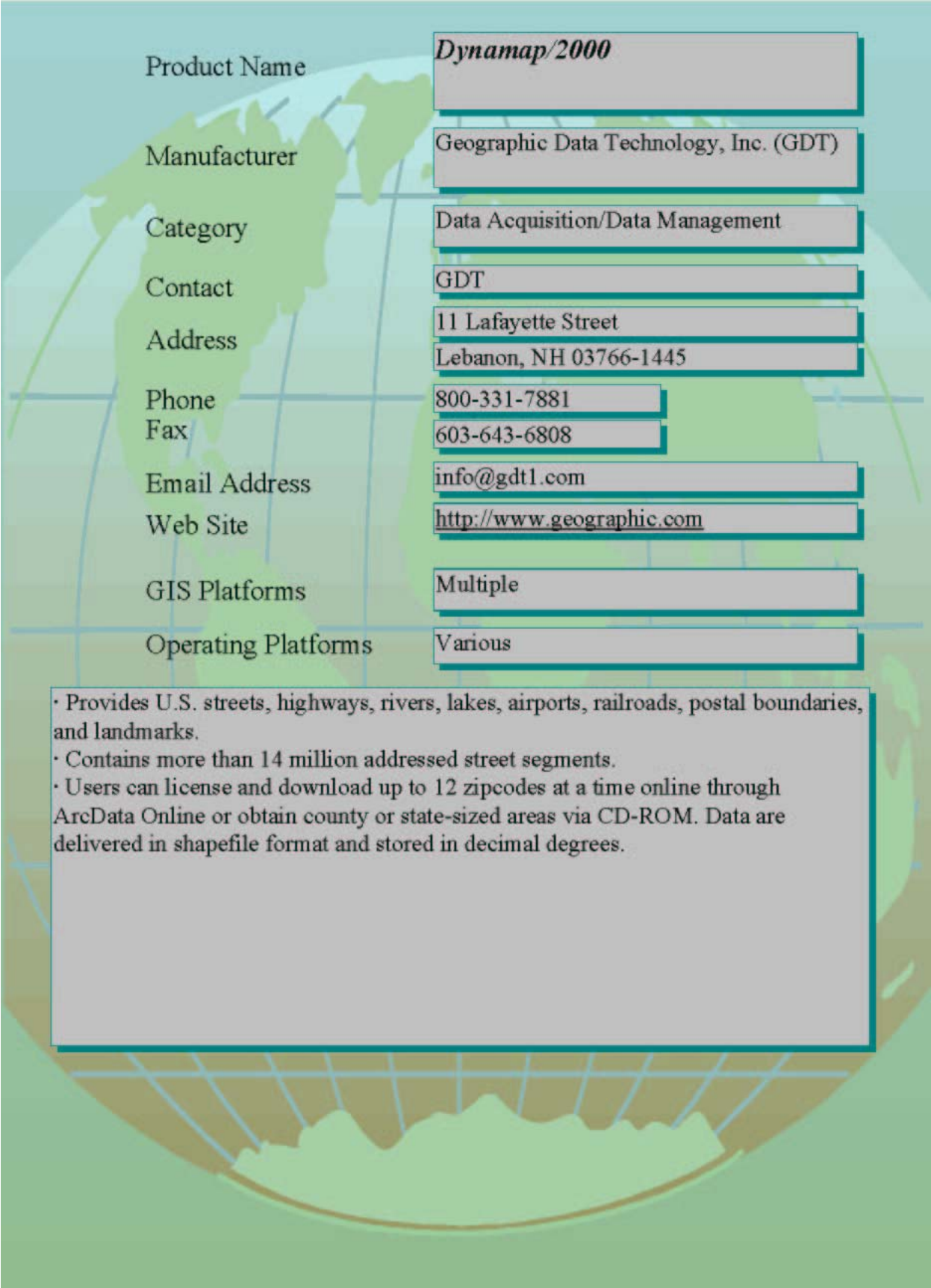
Product Name	*Digital Informant*
Manufacturer	Dynamaps Corp.
Category	Crime Mapping/Analysis
Contact	Dynamaps Corp.
Address	10352 Arbay Sidney, B.C. V8L 4S2
Phone	250-514-1118
Fax	
Email Address	bjudson@dynamaps.com
Web Site	http://www.dynamaps.com
GIS Platforms	Stand-alone
Operating Platforms	Windows

· Crime and traffic mapping application that allows field officers to access pertinent incident information in a timely manner.
· Can be used as an investigative tool for specific incidents or as an information resource for directed routine patrol duties.
· Adaptable to any CAD or RMS system.

Product Name	*Drug Trak*
Manufacturer	IPTM
Category	Crime Mapping/Analysis
Contact	Director
Address	University of North Florida 12000 Alumni Jacksonville, FL 32224-2678
Phone	904-620-4795
Fax	904-620-2453
Email Address	iptm@unf.edu
Web Site	www.iptm.org/software.htm
GIS Platforms	
Operating Platforms	Windows 95 or later

- This is an intelligence management software system that links data for suspects, their associates and vehicles, locations, businesses, phone calls and phone numbers, aircraft, and watercraft.
- System features include: add unlimited persons, names, gangs and charges to any case by the use of pick lists that eliminate duplicated entries and spelling errors, produce standard reports that let agencies see data by name, date, location, and category of narcotics.

Product Name	*Dynamap/2000*
Manufacturer	Geographic Data Technology, Inc. (GDT)
Category	Data Acquisition/Data Management
Contact	GDT
Address	11 Lafayette Street
	Lebanon, NH 03766-1445
Phone	800-331-7881
Fax	603-643-6808
Email Address	info@gdt1.com
Web Site	http://www.geographic.com
GIS Platforms	Multiple
Operating Platforms	Various

· Provides U.S. streets, highways, rivers, lakes, airports, railroads, postal boundaries, and landmarks.
· Contains more than 14 million addressed street segments.
· Users can license and download up to 12 zipcodes at a time online through ArcData Online or obtain county or state-sized areas via CD-ROM. Data are delivered in shapefile format and stored in decimal degrees.

Product Name	*Dynamic Community Policing System (DCOPS)*
Manufacturer	Analysis Central Systems
Category	Crime Mapping/Analysis
Contact	Analysis Central Systems
Address	75816 Vista Del Rey Indian Wells, CA 92210
Phone	1-800-776-7928
Fax	760-674-9077
Email Address	ACSInfo@verizon.net
Web Site	www.ac-sys.com
GIS Platforms	
Operating Platforms	Windows 2000/XP

- DCOPS is fast and easy to use community and problem solving policing system.
- It examines both the big picture for top managers, a middle view for supervisors, and the "smallest patrol area details" for each officer. It automatically pinpoints community, problem, location, and time trends. Provides "early warnings" of growing problems in communities.
- DCOPS uncovers crime by community, by time of day, day of week, and by address. It can evaluate problem-solving progress weekly and detects problem movement.
- Creates a custom report for each officers showing ranked problems, the best time and place by shift to work them, and the addresses and conditions at the root of the problem(s).
- Includes PROS which is the the Police Resource Optimization system that assists department with optimizing their redeployment strategies to better serve their

Product Name	*E911 Dispatcher*
Manufacturer	Planet One GIS Software
Category	Emergency Management
Contact	James Richards
Address	41 Hutchins Drive Portland, ME 04102
Phone	207-774-0642
Fax	207-774-6635
Email Address	info@planetonegis.com
Web Site	http://www.planetonegis.com/
GIS Platforms	ArcView
Operating Platforms	

· Direct link to incoming 911 Enhanced or Caller ID data.
· Displays map with parcel location and/or street address, nearby utilities, buildings, and fire hydrants.
· Allows for the display of multiple geographic and information layers including building and property photos, floor plans, owner and parcel information, and site-specific characteristics (e.g. hazmat locations).
· Real-time links to vehicle locations via AVL system using GPS technology.

Product Name	*e9GIS*
Manufacturer	microDATA
Category	Emergency Management/Geocoding
Contact	microDATA
Address	1015 US Route 5
	St. Johnsbury, VT 05819
Phone	800-722-6663
Fax	802-748-5503
Email Address	sales@microdatagis.com
Web Site	http://www.microdatagis.com
GIS Platforms	ArcView extension
Operating Platforms	Various

- An extension of ESRI's ArcView 3.x that offers an easy approach to maintain GIS data layers such as building points, road centerlines, addresses, and other pertinent GIS information useful for 911 response.
- Additional components are offered along with e9GIS for the devoted ArcView 3.x user including e9wireless, e9notifier, and e9 collector.
- Works seemlessly with other components of the microDATA GIS X-Solution including x9GIS, x9Atlas, xTrakker, xCAD, and xCrime.

Product Name	*eCOPS*
Manufacturer	Oracle
Category	Crime Analysis/Data Management
Contact	Oracle
Address	500 Oracle Parkway Redwood Shores, CA 94065
Phone	1-800-ORACLE-1
Fax	
Email Address	
Web Site	www.oracle.com
GIS Platforms	
Operating Platforms	

- eCOPS is the name of a program that is being used by the Andrah Pradesh Police Department located in Hyderabad, India.
- The program was developed utilizing a combination of Oracl 9i Application Server and Oracle 9i Database. By using this technology, the police department is able to reduce the use of paper by way of automating the maintenance of registers, report generations, data analysis, planning, and coordination.
- The citizens are now able to interact online with the police department over the Internet as well.
- eCOPS also provides information in a more efficient manner to allow timely decision making and speedy detection of crime and prosecution monitoring.

Product Name	*ER Mapper*
Manufacturer	C.H Fenstermaker & Associates, Inc.
Category	Data Acquisition/Data Management
Contact	C.H. Fenstermaker & Associates, Inc.
Address	135 Regency Square
	Lafayette, LA 70508
Phone	318-237-2200
Fax	318-232-3299
Email Address	glp@fenstermaker.com
Web Site	www.ermapper.com/ermapper/
GIS Platforms	ER Mapper
Operating Platforms	Windows 95/98/NT or UNIX

· Allows the user to view and enhance raster data including satellite data, gridded data or aerial photos, or other pixel-based images.
· Ability to view, process, classify, and edit vector data; and to integrate raster imagery, vector data, or tabular data into databases systems.
· Dynamically links to external data formats or systems and directly integrates over raster imagery and data.

Product Name	*Exploratory Spatio-Temproal Analysis (ESTAT) ToolKit*
Manufacturer	GeoVista and Penn State University
Category	Crime Analysis
Contact	Dept. of Geography, Penn State
Address	302 Walker Building University Park, PA 16802
Phone	814-865-3433
Fax	814-863-7443
Email Address	
Web Site	http://www.geovista.psu.edu/ESTAT/index
GIS Platforms	
Operating Platforms	

- ESTAT was developed by GeoVista Center in close cooperation with users at the National Cancer Institute.
- It provides user-friendly, open source software designed to support exploratory geographic visualization.
- It is designed to handle any kind of spatial data with attributes.

Product Name	*FacilityCOP*
Manufacturer	NIJ
Category	Other - Incident Mapping/Data Managemen
Contact	Temple University, Dept. of Criminal Justi
Address	1801 N. Broad Street Philadelphia, PA 19122
Phone	
Fax	
Email Address	
Web Site	http://www.temple.edu/cj/faccop/
GIS Platforms	
Operating Platforms	Windows 95/98/NT/00/XP

- FacilityCop is a version of SchoolCop, modified by Temple University, that is geared for the corrections environment. The program can be used to map, analyze, and keep records of incidents within a building environment, such as a prison or a jail. The program can also be used to generate tabular reports, graphs, and charts.
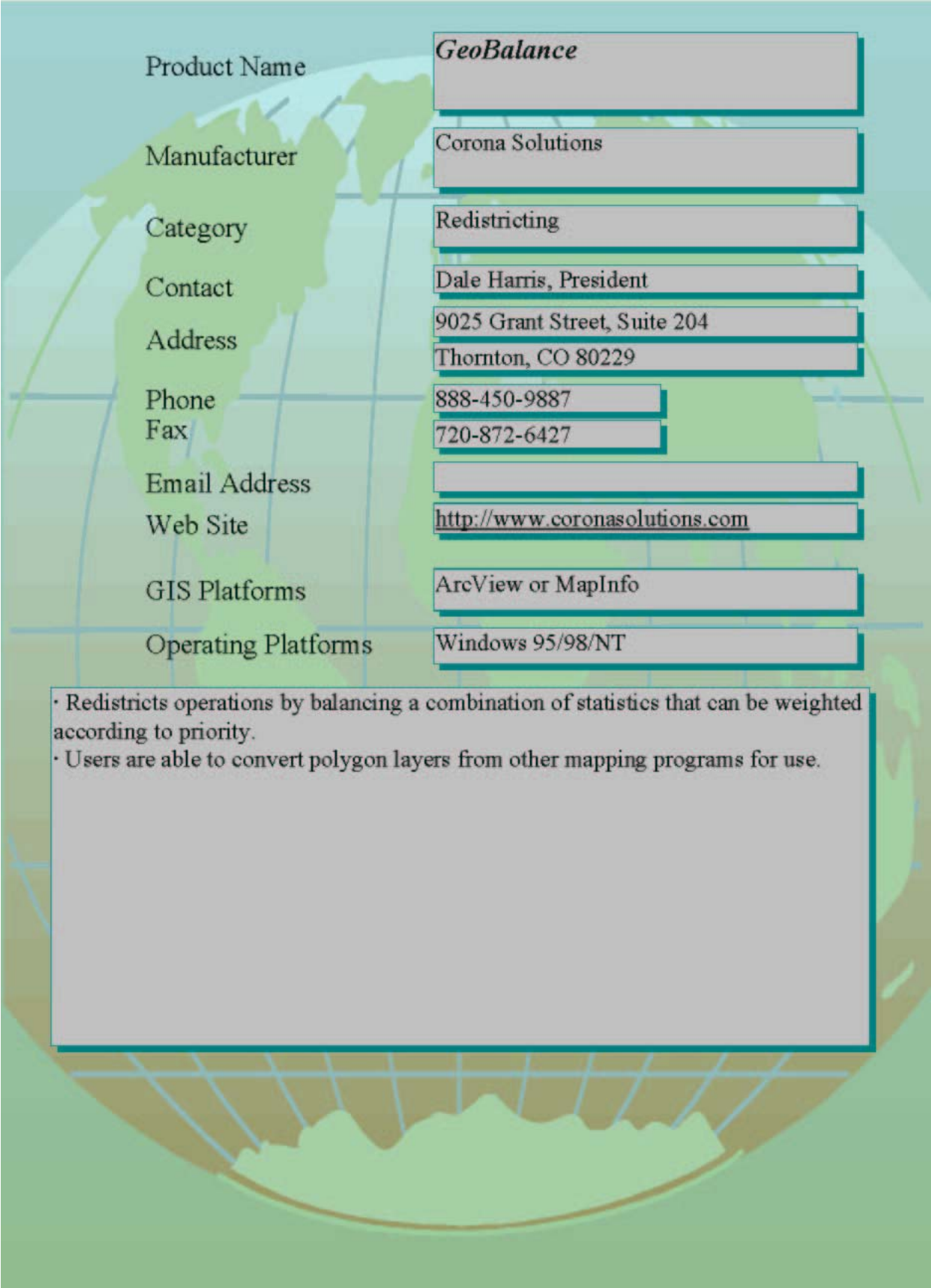- FacilityCop is available as a free download.

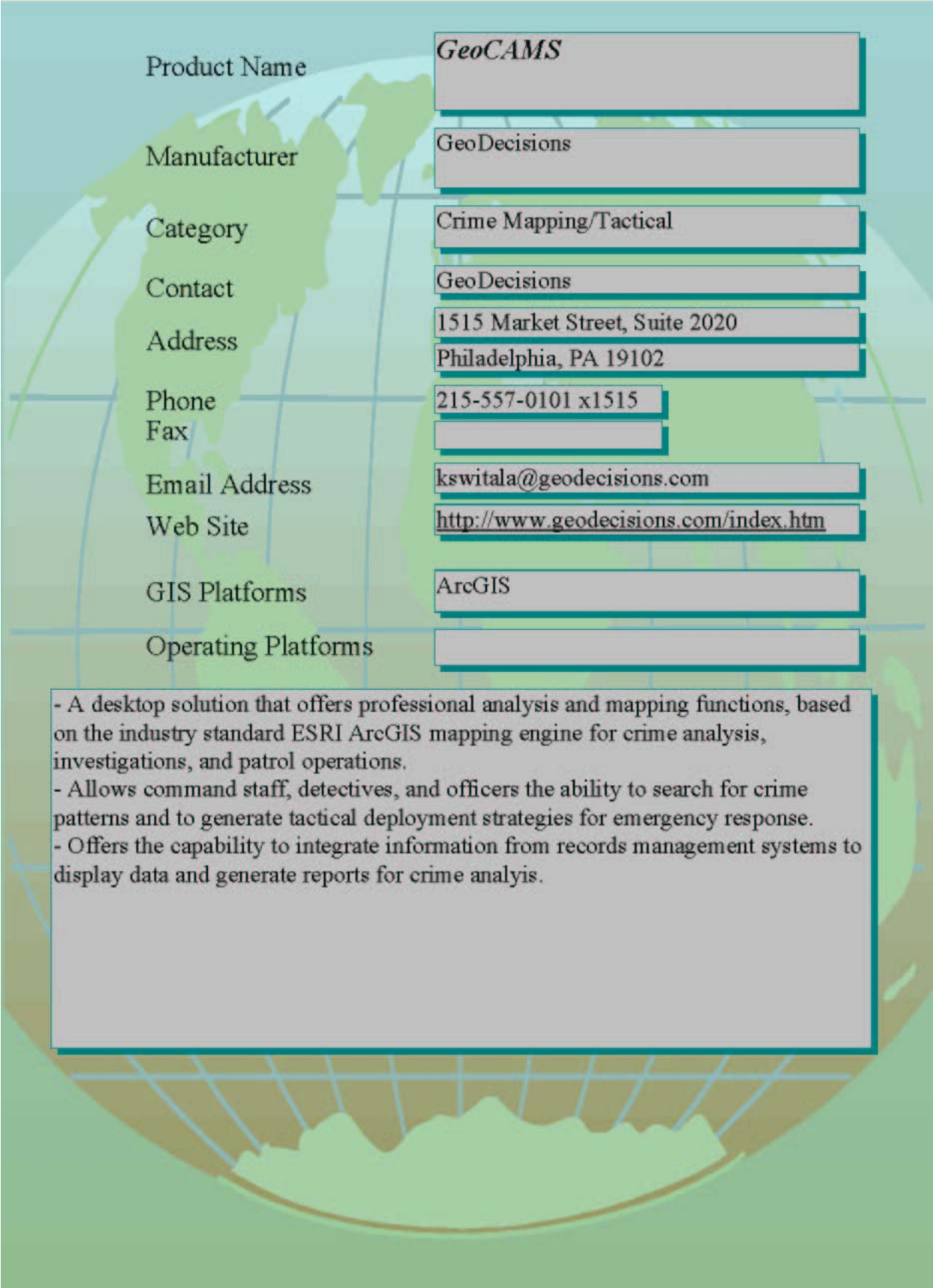|	
Product Name	**Feature Manipulation Engine (FME)**
Manufacturer	Safe Software Inc.
Category	Data Acquisition/Data Management
Contact	Safe Software, Inc.
Address	Suite 2009 - 7445 - 132nd Street Surrey, BC, Canada V3W 1J8
Phone	604-501-9985
Fax	604-501-9965
Email Address	info@safe.com
Web Site	http://www.safe.com/product.htm
GIS Platforms	Any ESRI or MapInfo product
Operating Platforms	Windows 95/98 or UNIX

· Feature Manipulation Engine (FME) allows the user to move data from one GIS system to another using a spatial data translator.
· Includes operations such as coordinate system (projection) conversion, overlay, intersection, polygon formation, and attribute merging.
· Supports ESRI and MapInfo product formats, and a variety of other GIS file formats.

Product Name	*GADCMap*
Manufacturer	Developed by the Greater Atlanta Data Center
Category	Crime Mapping/Analysis
Contact	Janet Neeley St. John
Address	1000 Chastain Road Kennesaw, GA 30144
Phone Fax	770-499-3375
Email Address	jneeley@kennesaw.edu
Web Site	http://students.kennesaw.edu/~srasavon/gis
GIS Platforms	ArcView
Operating Platforms	Windows

· GADCMap, based on ESRI's ArcView 3.1, is a customized interface that allows participating police departments in the metropolitan Atlanta area to query and map a master database of crime data collected from participating departments.

· The primary crime data are collected from police databases, including personnel scheduling, incident reports, arrests, and calls for service. Secondary data are collected from geographic data sets, such as cities, counties, and police beats/zones, and from other sources, including business characteristics and resources, court records, demographics, etc.

· Simple point-and-click options allow users to create hotspot maps. For more advanced GIS users, GADCMap offers all the functionality of ArcView.

· GADCMap is designed to encourage cross-juridictional data sharing and analysis. It has been further customized using Visual Basic 6.0 and additional demographic data has been added using Atlas/Market Quest.

Product Name	**GeoBalance**
Manufacturer	Corona Solutions
Category	Redistricting
Contact	Dale Harris, President
Address	9025 Grant Street, Suite 204 Thornton, CO 80229
Phone	888-450-9887
Fax	720-872-6427
Email Address	
Web Site	http://www.coronasolutions.com
GIS Platforms	ArcView or MapInfo
Operating Platforms	Windows 95/98/NT

· Redistricts operations by balancing a combination of statistics that can be weighted according to priority.
· Users are able to convert polygon layers from other mapping programs for use.

|	
Product Name	**GeoCAMS**
Manufacturer	GeoDecisions
Category	Crime Mapping/Tactical
Contact	GeoDecisions
Address	1515 Market Street, Suite 2020 Philadelphia, PA 19102
Phone Fax	215-557-0101 x1515
Email Address Web Site	kswitala@geodecisions.com http://www.geodecisions.com/index.htm
GIS Platforms	ArcGIS
Operating Platforms	

- A desktop solution that offers professional analysis and mapping functions, based on the industry standard ESRI ArcGIS mapping engine for crime analysis, investigations, and patrol operations.
- Allows command staff, detectives, and officers the ability to search for crime patterns and to generate tactical deployment strategies for emergency response.
- Offers the capability to integrate information from records management systems to display data and generate reports for crime analyis.

Product Name	**GeoCIMS**
Manufacturer	GeoDecisions
Category	Crime Mapping
Contact	GeoDecisions
Address	1515 Market Street, Suite 2020 Philadelphia, PA 19102
Phone Fax	215-557-0101 x1515
Email Address	kswitala@geodecisions.com
Web Site	http://www.geodecisions.com/index.htm
GIS Platforms	ArcGIS
Operating Platforms	

- The Corrections Information Mapping System is similar to GeoCAMS (Computer Analysis Mapping System) but is tailored towards the corrections environment. This software helps with managing caseloads and resolving new crimes. The custom application consolidates data from various agencies, provides a snapshot of an individual's record and terms of releases, and helps develop correlations based on criminal activity.

Product Name	**_GeoDa_**
Manufacturer	Luc Anselin- Univ. of Illinois at Urbana-Champaign
Category	Other - Spatial Data Analysis
Contact	Luc Anselin
Address	Unversity of Illinois at Urbana-Champaign Department of Geography
Phone Fax	217-333-1810
Email Address	anselin@uiuc.edu
Web Site	https://www.geoda.uiuc.edu/
GIS Platforms	
Operating Platforms	Windows

- GeoDa is designed to implement techniques for exploratory spatial analysis on lattice data (points and polygons).
- The program is availabe for free download and provides a user friendly and graphical interface.
- Latest version contains several new features such as, cartogrram, a refined map movie, parallel coordinate plot, 3D visualization, conditonal plots and spatial regression.
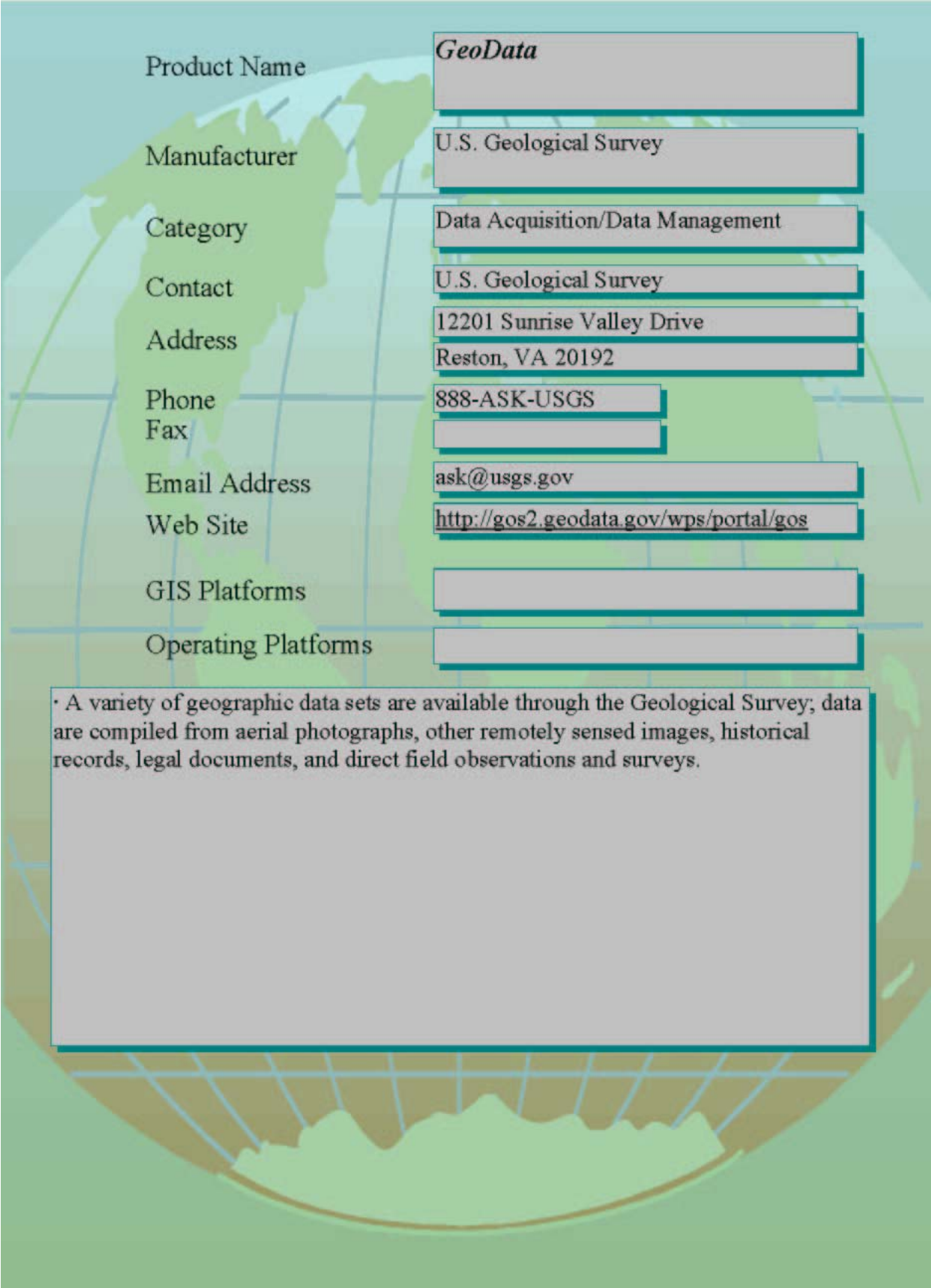
Product Name	**GeoData**
Manufacturer	U.S. Geological Survey
Category	Data Acquisition/Data Management
Contact	U.S. Geological Survey
Address	12201 Sunrise Valley Drive
	Reston, VA 20192
Phone	888-ASK-USGS
Fax	
Email Address	ask@usgs.gov
Web Site	http://gos2.geodata.gov/wps/portal/gos
GIS Platforms	
Operating Platforms	

· A variety of geographic data sets are available through the Geological Survey; data are compiled from aerial photographs, other remotely sensed images, historical records, legal documents, and direct field observations and surveys.

|	
Product Name	*GeoExpress 6*
Manufacturer	LizardTech
Category	Other - Geospatial Imaging
Contact	The National Building
Address	Suite 200, 1008 Western Avenue Seattle, WA 98104
Phone	206-652-5211
Fax	206-652-0880
Email Address	info@lizardtech.com
Web Site	http://www.lizardtech.com/
GIS Platforms	Multiple
Operating Platforms	Windows 95/98 or UNIX workstations

- A low cost suite that allows you to maximize your existing investment in satellite imagery and aerial photography. The tools allow you to repurpose compressed imagery with color balancing, mosaicking, reprojecting, updating tiles, cropping or highlighting a selected area of interest and more.
- GeoExpress takes the guesswork out of compressing imagery that complies with government requirements such as the ISO JPEG 200 standard, the Department of Defence NITF 2.1, and the industry standard MrSID.
- Predefined and user-defined image encoding profiles ensure consistent high quality imagery, every time. Delivers image compression ratios between 2:1 (lossless) and 20:1 (cisually lossless), or up to 500:1 depending on your work flow needs. It is designed for interoperability with other geospatial applications including ESRI, Intergraph, MapInfo, and others.

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Product Name	*GeoGenie*
Manufacturer	Bair Software Inc.
Category	Geocoding
Contact	Bair Software Inc.
Address	9249 S. Broadway Rd. Suite 200-137 Highlands Ranch, CO 80129
Phone	800-380-1138
Fax	720-348-1093
Email Address	info@bairsoftware.com
Web Site	www.bairsoftware.com
GIS Platforms	Multiple
Operating Platforms	

· Address cleaning utility that can perform up to 1,000 operations per minute.
· Includes detailed after-action reports with suggestions to improve your geocoding performance.
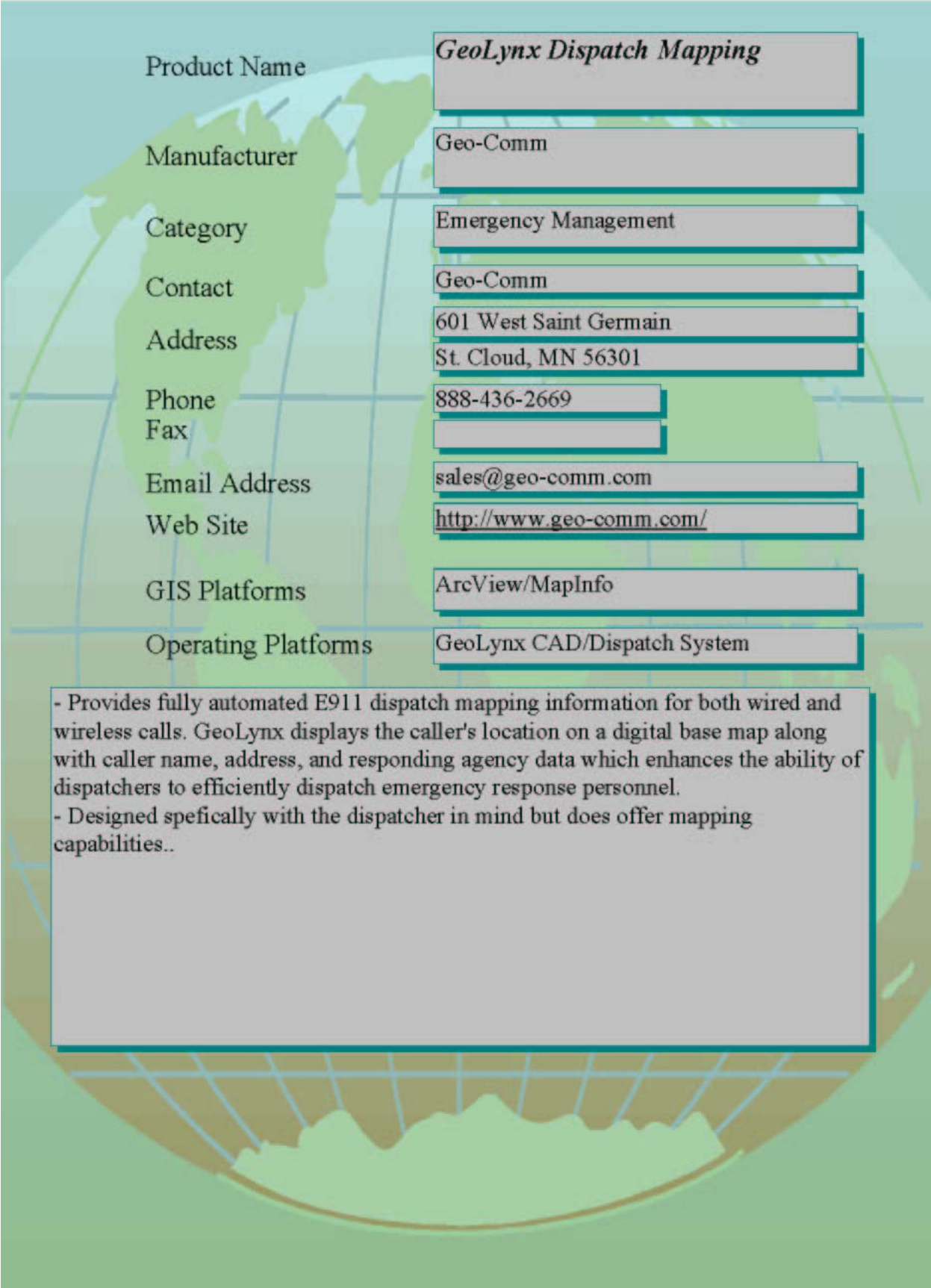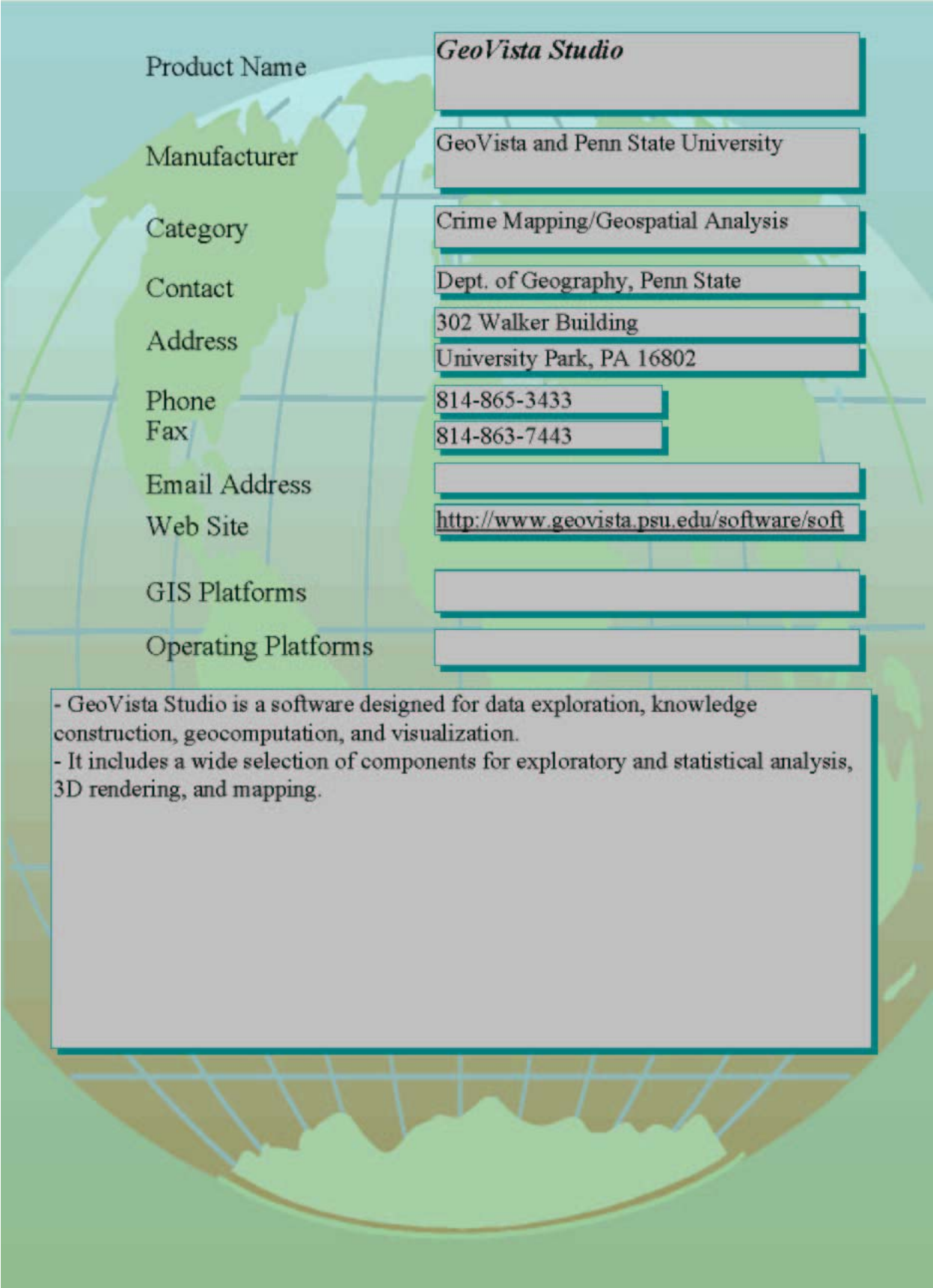
Product Name	*GeoLynx Dispatch Mapping*
Manufacturer	Geo-Comm
Category	Emergency Management
Contact	Geo-Comm
Address	601 West Saint Germain St. Cloud, MN 56301
Phone	888-436-2669
Fax	
Email Address	sales@geo-comm.com
Web Site	http://www.geo-comm.com/
GIS Platforms	ArcView/MapInfo
Operating Platforms	GeoLynx CAD/Dispatch System

- Provides fully automated E911 dispatch mapping information for both wired and wireless calls. GeoLynx displays the caller's location on a digital base map along with caller name, address, and responding agency data which enhances the ability of dispatchers to efficiently dispatch emergency response personnel.
- Designed spefically with the dispatcher in mind but does offer mapping capabilities..

Product Name	**GeoStat**
Manufacturer	Geo-Comm
Category	Crime Analysis/Emergency Management
Contact	Geo-Comm
Address	601 West Saint Germain St. Cloud, MN 56301
Phone Fax	888-436-2669
Email Address	sales@geo-comm.com
Web Site	http://www.geo-comm.com/
GIS Platforms	ArcView/MapInfo
Operating Platforms	GeoLynx CAD/Dispatch System

- GeoStat is a full-feature data analysis and reporting module for GeoLynx (its sister software) that blends GIS into law enforcement. This tool can identify crime patterns, hazardous intersections and the staffing requirements to provide the necessary resources for your community safe.
- This application provides the capability of displaying crime incident geographically on a map, statistically in a report or visually in a graph.
- It can also create graphs and/or 3-D moving pie charts and allows for custom queries in addition to the usual date, incident type, or day of week queries.

Product Name	*GeoVista Studio*
Manufacturer	GeoVista and Penn State University
Category	Crime Mapping/Geospatial Analysis
Contact	Dept. of Geography, Penn State
Address	302 Walker Building University Park, PA 16802
Phone	814-865-3433
Fax	814-863-7443
Email Address	
Web Site	http://www.geovista.psu.edu/software/soft
GIS Platforms	
Operating Platforms	

- GeoVista Studio is a software designed for data exploration, knowledge construction, geocomputation, and visualization.
- It includes a wide selection of components for exploratory and statistical analysis, 3D rendering, and mapping.

Product Name	**GIS Data Depot**
Manufacturer	GeoComm International
Category	Data Acquisition/Data Mangement
Contact	GeoComm International
Address	4565 Commercial Drive, Suite D Niceville, Florida 32578
Phone	850-897-6778
Fax	850-897-1001
Email Address	info@geocomm.com
Web Site	http://data.geocomm.com
GIS Platforms	
Operating Platforms	

·An online resource for a variety of free data sets and downloads in addition to links to GIS data providers.

Product Name	**GIS Document Manager**
Manufacturer	Geographic Information Services, Inc.
Category	Data Acquisition/Data Management
Contact	Lisa Withington
Address	P.O. Box 19188 Birmingham, AL 35219
Phone	205-941-0442
Fax	205-941-0443
Email Address	software@gis-services.com
Web Site	http://www.gis-services.com
GIS Platforms	ArcView extension
Operating Platforms	Windows 95/98/NT

· Associates multiple documents with theme features which can be retrieved by clicking on the feature and selecting the document(s) to open.
· Supports retrieval of architectural drawings, schematics, scanned images, and any type of document associated with Windows.

Product Name	*HAWKEYE Automated Crime Analysis System*
Manufacturer	Rayzon Software
Category	Crime Analysis
Contact	Rayzon Software
Address	2519 Nelson Ave., Suite C Redondo, CA 90278-2539
Phone	310-542-5715
Fax	310-542-5725
Email Address	hawkeye@rayzon.com
Web Site	http://rayzon.com/hawkeye.htm
GIS Platforms	
Operating Platforms	Windows 3.1/95/98/00/Me/NT/XP

- HAWKEYE is an analysis tool that searches your RMS database to automatically identify trends and produce detailed reports for most tactical needs.
- Can provide recent and historical perspectives on local crime trends and trend reports for selected time periods.
- Using special algorithms, the system is able to identify 729 different types of trends in recent crime levels, historic crime levels, and recent clearance reates.

Product Name	*Hazard Prediction and Assessment Capability (HPAC)*
Manufacturer	Science Application International Corporation
Category	Crime Mapping/Plume Dispersion
Contact	Russ Johnson
Address	380 New York Street Redlands, CA 92373-8100
Phone Fax	909-793-2853 ext 1-18
Email Address	russ_johnson@esri.com
Web Site	http://www.esri.com
GIS Platforms	ArcView/Stand-alone
Operating Platforms	Windows 95

- HPAC is a sophisticated, probabilistic plume dispersion system for radiological, chemical, and biological agents.
- It incorporates historical or current time meteorological data to create mass-consistent winds and the dispersion function helps account for any uncertainties that may arise. This product is often distributed with CATS tool set but can be used as a stand alone product.

Product Name	*iBase*
Manufacturer	i2 Inc.
Category	Other - Investigative Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2inc.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- iBase is the investigative database from i2 that delivers graphical analysis directly within the user's database. iBase enables the user to rationalize and collate data from a variety of sources into one coherent structure. This provides the user all the data necessary for analysis. The user has the flexibility to configure the database structure to specific requirements. Customization to a specific environment can be done in hours. Predefined Intelligence and Fraud templates are standard and enable the user to design and populate his/her database.
- Provides automatic charting with Analyst's Notebook where the user to generate link and timeline analysis. Finds shortest path between two data elements even if it involves several degrees of separation.
- The most current version is iBase 4 and includes the ability to work with most popular GIS packages enabling locations based analysis of crime and intelligence information

Product Name	*iBridge*
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2inc.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- iBridge creates a live connection to multiple dateabases throughout your organization, ensuring that analysis is developed based on the most up-to-date information.
- Seemlessly connect i2's Analyst's Notebook to a variety of standard relational databases.

Product Name	**IDRISI**
Manufacturer	Clark Labs
Category	Crime Mapping/Analysis
Contact	Clark Labs
Address	950 Main Street Worcester, MA 01610
Phone	508-793-7526
Fax	508-793-8842
Email Address	idrisi@clarku.umd.edu
Web Site	http://www.clarklabs.org/
GIS Platforms	IDRISI
Operating Platforms	Windows 95/98/00/NT or DOS

· Raster-based microcomputer GIS and image processing system.
· Uses object-oriented development tools for GIS uses including database query, spatial modeling, image enhancement, and classification.
· Allows for change and time series analysis, multi-criteria and multi-objective decision support, uncertainty analysis, simulation modeling, triangulated irregular network (TIN) interpolation, kriging, and conditional simulation.
· Import/export routines for USGS DEMs, ArcView Shape, and MapInfo MIF files.

Product Name	*iHawk*
Manufacturer	AOT Public Safety Corp./ESRI
Category	Emergency Management/Mobile Response
Contact	AOT Public Safety Corp.
Address	103 Paul Mellon Court Waldorf, MD 20602
Phone	877-559-6555
Fax	301-843-5499
Email Address	lgreenberg@aot.com
Web Site	www.publicsafetycorp.com
GIS Platforms	ESRI Products
Operating Platforms	Windows 95/98/NT or UNIX

· An integrated suite of software applications operating in a GIS environment based on ESRI's MapObjects 2.0.

· Provides first responders access to all available information on the location as well as information concerning the type of situation. Allows for the viewing and manipulation of CAD drawings (i.e., FireZone, DXF, DWG); standard imaging and graphic files; and other document and presentation formats.

- Provides real-time GPS, vehicle progress towares incident site, aerial imagery, building floor plans, emergency pre-plans, and other information necessary for an efficient response.

· Imagery data sets can be added to the database to provide 3D perspectives of the incident site and surrounding area.

Product Name	*IMC Police Software*
Manufacturer	Information Management Corporation
Category	Other - Records Management/Crime Mappi...
Contact	Information Management Corporation
Address	13 Centennial Drive North Grafton, MA 01536
Phone	508-839-6445
Fax	508-839-2354
Email Address	sales@imcus.com
Web Site	http://www.imcus.com/Products/police.htm
GIS Platforms	Stand alone
Operating Platforms	

- Offers a diverse office suite that includes records management, mobile, calls for service and dispatch solutions. The sofware solutions can be tailored to your agencies needs.
- The software also includes electronic mapping capabilities to allow you to see where things are happening in your community.
- Allows a department to track personnel attendance, to assign officers to specific posts, "on-the-fly" record checks of persons previous involvement with the department.
- Provides the ability to generate data based on previous calls for service, such as response time, unit usage, and more.
- Provides the abiliity to track the progress of a report from the moment it is created until the final disposition is handed down from court.

Product Name	*InfoCom Web Query*
Manufacturer	Developed for the Sacramento, CA Police Department
Category	Crime Mapping/Analysis
Contact	Chet Egbert, GIS Specialist III
Address	900 8th Street Sacramento, CA 95814
Phone	916-264-8659
Fax	
Email Address	cegbert@cityofsacramento.org
Web Site	http://www.sacpd.org
GIS Platforms	ArcView
Operating Platforms	Windows

· InfoCom Web Query is an Intranet mapping application available to Sacramento Police Department personnel that was developed using ESRI's MapObjects IMS software.
· This application allows users to conduct various queries of Sacramento crime data, including crime statistics per sector and crime reports by type, date, and geographic region. It also allows users to create custom queries for crimes occurring within the past 28 days.
· The maps are dynamic in that users can zoom into and out of the data.
· Data are updated on a daily basis.

Product Name	*Infotrak LRMS*
Manufacturer	PRINTRAK (a Motorola Company)
Category	Other - Records Management
Contact	Motorola
Address	1250 North Tunstin Avenue
	Anaheim, CA 92807
Phone	1-888-493-3590
Fax	714-237-0018
Email Address	info@printrak.com
Web Site	www.motorola.com/publicsafety
GIS Platforms	stand alone
Operating Platforms	Windows 2000

- This law records management system records (LRMS) tracks, reports and analyzes law enforcement records. Property and Evidence tracking utilizes bar coding and supports change of custody tracking online. Pawn and Gun registration modules automatically check records for want/warrant and stolen matches. The Master Index references people, businesses, gangs, property, vehicles, locations, telephones, and IDS. There is web browser access for hyper-linked/drill-down investigative query. Explorer Tree view supports single agencies up to the largest multi-jurisdictional setting. Investigative support from multi-agency record sharing. Agency-defined security allows multiple users to share data without allowing changes. Various redundancy levels offer guaranteed uptime availability.
- Can be interfaced with Motorola's CAD systems and mobile field reporting system (MDC).
- Support NIBRS/UCR reporting standards.

Product Name	*L.A.T.S. (Legal ARMS Tracking System)*
Manufacturer	ARMS software
Category	Crime Mapping/Guns and Weapons
Contact	ARMS software
Address	4851 SW Madrona Street Lake Oswego, OR 97035
Phone Fax	503-312-9888
Email Address Web Site	www.arms-soft.com
GIS Platforms	
Operating Platforms	

- Legal ARMS Tracking System is a tracking software for gun dealers and gunsmiths.
- ARMS Software tracks sensitive and expensive equipment. The user may track the location, repairs, acquisition, and disposition of firearms, destructive devices, and other serialized and important equipment.
- In addition to tracking the current location or disposition, Legal ARMS Tracking maintains a complete history as well.
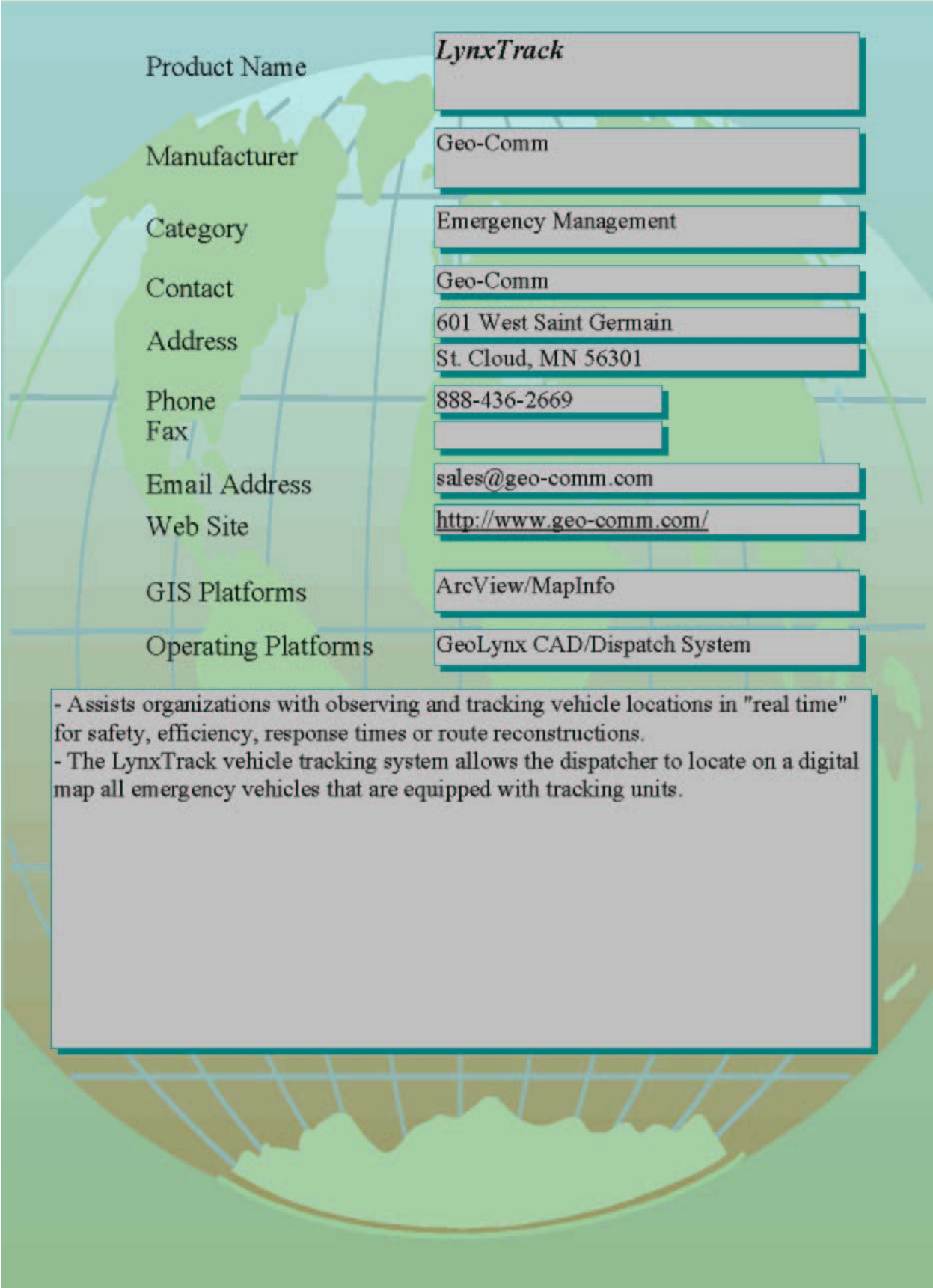
Product Name	**Link Chart**
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2group.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- Link Chart Reader is freely distributed and enables the user to view link charts created in the i2 Analyst's notebook. Link Chart reader helps the user to visualize and communicate information.
- The program allows the user the opportunity to view an entire chart, narrow in on particular details, and search for information beyond the chart

Product Name	*LPDCrime*
Manufacturer	Developed for the Lansing, MI Police Department
Category	Crime Mapping/Analysis
Contact	Lt. Steve Person
Address	120 W. Michigan Lansing, MI 48933
Phone	517-483-4647
Fax	
Email Address	
Web Site	http://police.cityoflansingmi.com
GIS Platforms	ArcView
Operating Platforms	Windows

· LPDCrime represents an effort by the Lansing Police Department and the City of Lansing to bring the community into the problem solving process.
· LPDCrime is an Internet mapping application that was developed using ESRI's MapObjects IMS. The application allows the public to create custom queries and map crime incidents by address, police team area, neighborhood watch area, or within a one-mile radius of a school.
· A maximum of only 30 days of crime incident data can be mapped at one time to ensure that maps are not cluttered with data and misinterpreted.
· Crime data are updated on a weekly basis.

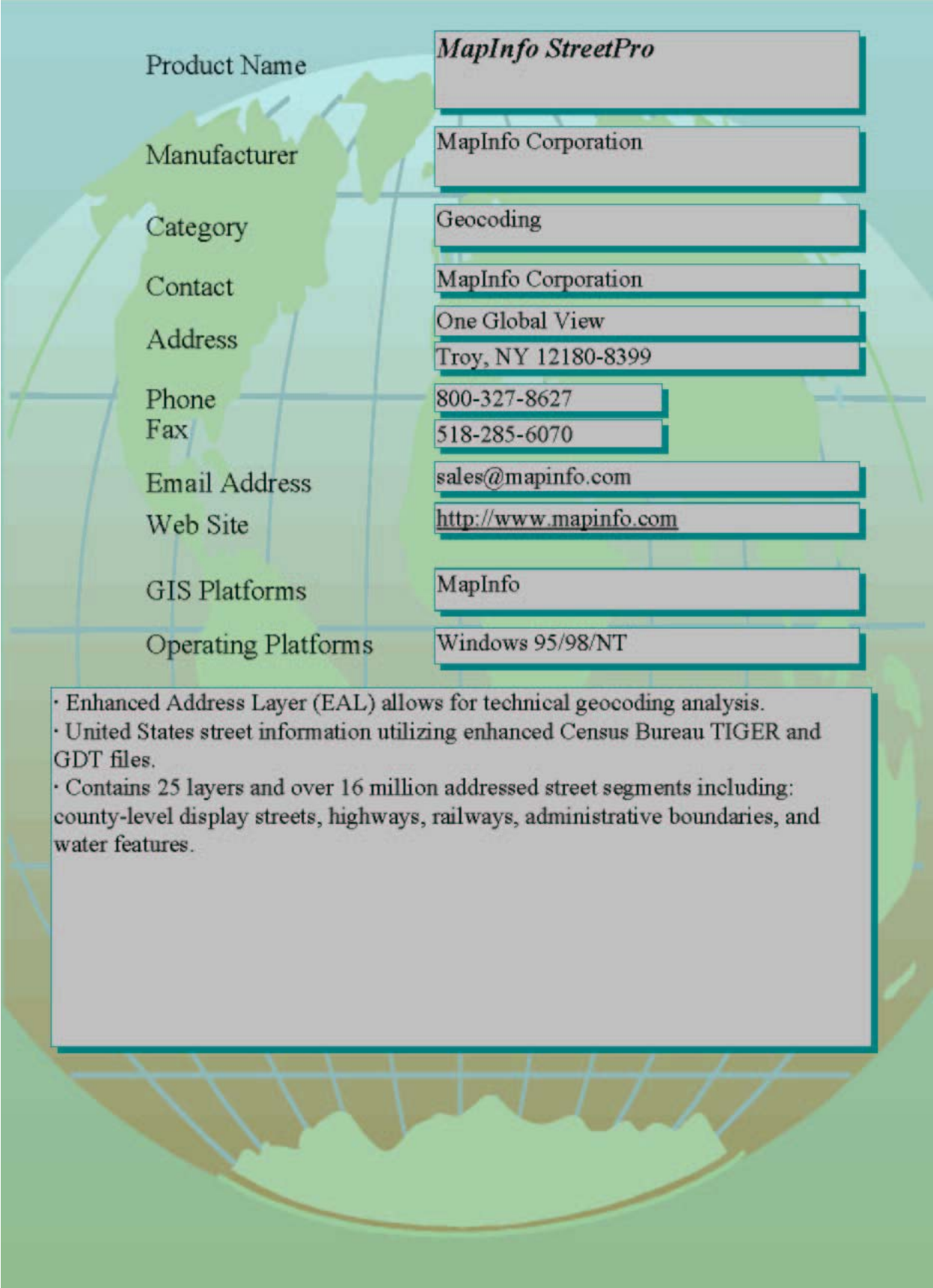|	
Product Name	*LynxTrack*
Manufacturer	Geo-Comm
Category	Emergency Management
Contact	Geo-Comm
Address	601 West Saint Germain St. Cloud, MN 56301
Phone	888-436-2669
Fax	
Email Address	sales@geo-comm.com
Web Site	http://www.geo-comm.com/
GIS Platforms	ArcView/MapInfo
Operating Platforms	GeoLynx CAD/Dispatch System

- Assists organizations with observing and tracking vehicle locations in "real time" for safety, efficiency, response times or route reconstructions.
- The LynxTrack vehicle tracking system allows the dispatcher to locate on a digital map all emergency vehicles that are equipped with tracking units.

Product Name	*MapBlast!*
Manufacturer	Vicinity Corp.
Category	Routing Software
Contact	Vicinity Corp.
Address	370 San Aleso Avenue Sunnyvale, CA 94085-1410
Phone	408-543-3000
Fax	408-543-3002
Email Address	MapBlastFeedback@vicinity.com
Web Site	http://www.mapblast.com
GIS Platforms	Stand-alone
Operating Platforms	

· A free service that provides users with interactive maps and driving directions, as well as extensive information on services and products near a user's address or travel route.

Product Name	*MapData*
Manufacturer	MapData Sciences
Category	Data Acquisition/Data Management
Contact	MapData Sciences
Address	Level 1, 110 Pacific Highway Greenwich, NSW 2065 Australia
Phone	+61 (2) 8436-2800
Fax	+61 (2) 8436-2888
Email Address	info@mapds.com.au
Web Site	www.mapdata.com.au/
GIS Platforms	MapInfo and ArcView
Operating Platforms	

· MapData Sciences creates a wide variety of digital mapping data products for presentation, geocoding, routing, networks, and analysis.
- The RoadNet Comprehensive provides a detailed street centerline layer with street name and address ranges for left- and right-hand sides of the street (developed for Australia and New Zealand areas only)
- RoadNet Routing network provides additional attributes including one-way and turning restrictions, average drive speed, city, postcode, and state.
- Provides the latest census demographic data for both Australia and New Zealand.
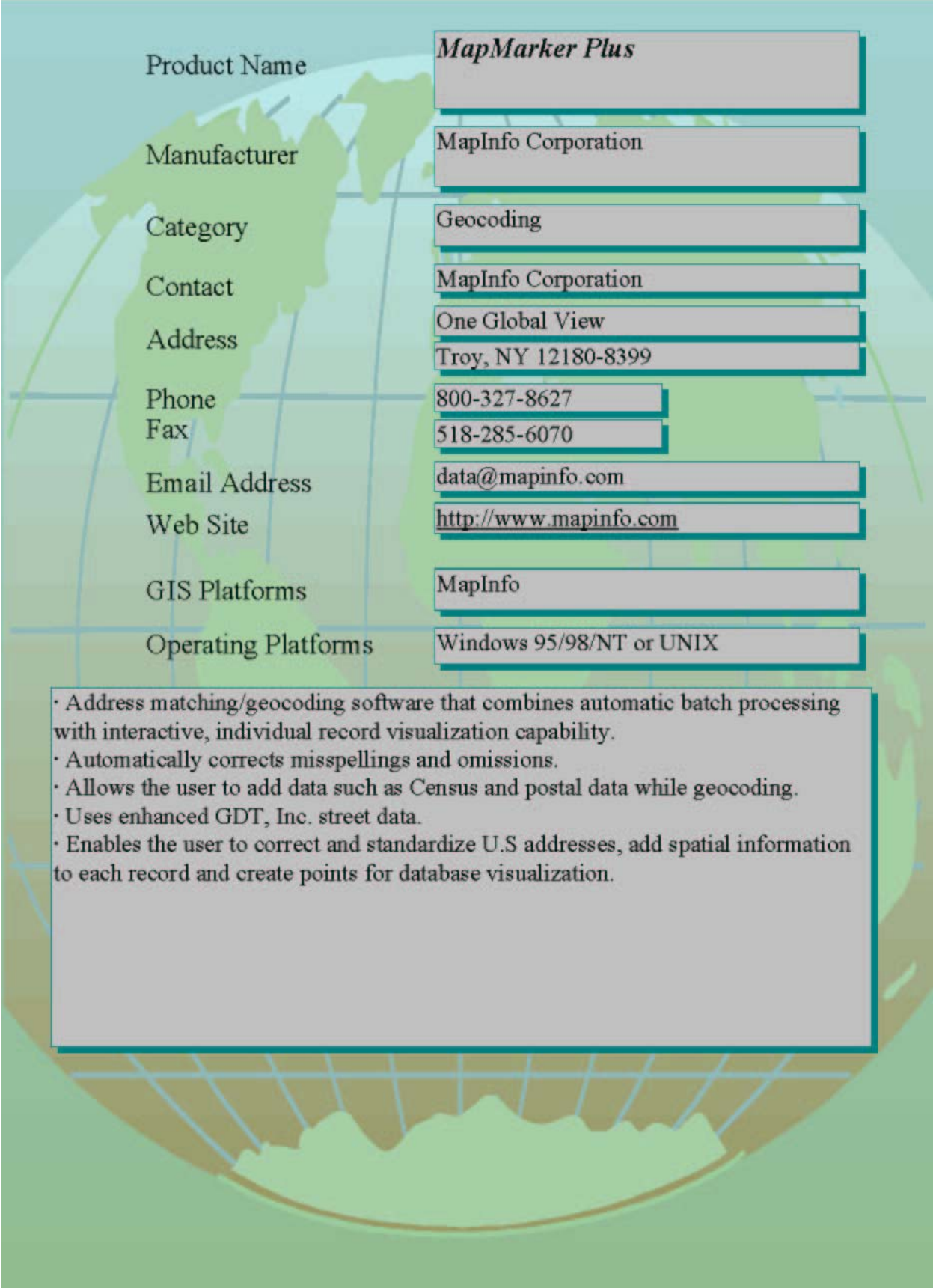
Product Name	*MapInfo StreetPro*
Manufacturer	MapInfo Corporation
Category	Geocoding
Contact	MapInfo Corporation
Address	One Global View
	Troy, NY 12180-8399
Phone	800-327-8627
Fax	518-285-6070
Email Address	sales@mapinfo.com
Web Site	http://www.mapinfo.com
GIS Platforms	MapInfo
Operating Platforms	Windows 95/98/NT

· Enhanced Address Layer (EAL) allows for technical geocoding analysis.
· United States street information utilizing enhanced Census Bureau TIGER and GDT files.
· Contains 25 layers and over 16 million addressed street segments including: county-level display streets, highways, railways, administrative boundaries, and water features.

Product Name	*MapInfo v8.0*
Manufacturer	MapInfo Corporation
Category	Crime Mapping/Analysis
Contact	MapInfo Corporation
Address	One Global View Troy, NY 12180-8399
Phone	800-327-8627
Fax	518-285-6070
Email Address	sales@mapinfo.com
Web Site	http://www.mapinfo.com
GIS Platforms	
Operating Platforms	Windows

- MapInfo is a product from the MapInfo Corporation and is a full-featured customizable mapping software product. One of the main features the MapInfo Corporation boasts is its software's ability to interact with other Windows applications. This interaction is made possible with the use of the MapInfo Map module. This module allows users to "drag and drop" a Map window in any application that accepts Object Linking and Embedding (OLE) objects and use MapInfo's features to create, display, and edit the map directly. In this process, MapInfo acts as a server that creates a map object that can be embedded in programs such as Microsoft Word or Excel. The advantage of using this OLE process is that it means the object is 'live;" that is, the user can edit the object in some manner using the features of MapInfo. The most current version available is 8.5 which includes additional data access, mapping, output and printing, datum enhancment, and database features.

Product Name	*MapMarker Plus*
Manufacturer	MapInfo Corporation
Category	Geocoding
Contact	MapInfo Corporation
Address	One Global View
	Troy, NY 12180-8399
Phone	800-327-8627
Fax	518-285-6070
Email Address	data@mapinfo.com
Web Site	http://www.mapinfo.com
GIS Platforms	MapInfo
Operating Platforms	Windows 95/98/NT or UNIX

· Address matching/geocoding software that combines automatic batch processing with interactive, individual record visualization capability.
· Automatically corrects misspellings and omissions.
· Allows the user to add data such as Census and postal data while geocoding.
· Uses enhanced GDT, Inc. street data.
· Enables the user to correct and standardize U.S addresses, add spatial information to each record and create points for database visualization.

Product Name	*MapObjects*
Manufacturer	ESRI, Inc.
Category	Other - GIS Applications Development
Contact	ESRI, Inc.
Address	380 New York Street
	Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	Any ESRI product
Operating Platforms	Windows 95/98/NT

· Collection of mapping and GIS components that enables users to add mapping and GIS capabilities to applications.
· Can be used with Visual Basic, Delphi, Access, PowerBuilder, Visual FoxPro, Visual C++, and other standard programming environments.
· Built on Microsoft ActiveX (OCX) architecture.
· Uses ESRI shapefiles, ArcInfo coverages, SDE layers and standard image formats (TIFF, BMP, etc.) and allows the user to access other databases and tables using an ODBC or Data Access Objects (DAO) interface.

Product Name	*MapPoint*
Manufacturer	Microsoft
Category	Crime Mapping/Analysis
Contact	Microsoft
Address	One Microsoft Way Redmond, WA 98052-6399
Phone	1-800-936-5800
Fax	
Email Address	
Web Site	http://www.microsoft.com/mappoint/produ
GIS Platforms	
Operating Platforms	Windows 00/XP/NT2003

- MapPoint allows users to visualize business data by using maps and demographic information that integrates with work done with MS Office. MapPoint offers users a comprehensive set of geographic and demographic data.
- Street map information licensed from Geographic Data Technology Navigation Technologies and Compusearch Micromarketing Data and Systems allows precise address matching. This GIS system includes a fast routing feature that allows users to get detailed maps and driving directions.
- The newest version MapPoint 2006 includes updated geographic and demographic data. There is an additional version that includes advanced GPS functionality, and text and voice-prompted driving guidance for Windows XP users and more.
- The MapPoint with GPS locator features SIRF Star III chipset, the latest GPS technology which offers faster signal acquisition and higher sensitivity.

Product Name	*MapQuest*
Manufacturer	MapQuest.com, Inc.
Category	Routing Software
Contact	MapQuest.com, Inc.
Address	1730 Blake Street, Suite 310 Denver, CO 80202
Phone	303-312-0200
Fax	303-312-0201
Email Address	info@mapquest.com
Web Site	http://www.mapquest.com
GIS Platforms	Stand-alone
Operating Platforms	

· A free online service that covers over three-million locations worldwide; users can obtain detailed maps and driving directions, live traffic updates, places of interest, and create and save personalized maps.

Product Name	*MapScenes*
Manufacturer	MicroSurvey Software, Inc.
Category	Drawing/Design
Contact	MicroSurvey Software, Inc.
Address	2300 Carrington Road, Suite 110
	Westbank, B.C. V4T 2N6
Phone	1-250-707-0000
Fax	
Email Address	info@mapscenes.com
Web Site	www.microsurvey.com
GIS Platforms	
Operating Platforms	

- The complete MapScenes systems includes evidence collection software, handheld computer hardware, computer desktop mapping software, and certified training.
- MapScenes allows complete 3D scene diagramming, animated viewing in 2D or 3D, digital camera links for photographic evidence, a road intersection wizard, and standard diagramming features for all levels of users.
- The desktop mapping software, MapScenes Pro, allows users to input evidence collected at a crash scene using data from evidence collection software to create accurate diagrams for use in court.

|	
Product Name	*Maptitude*
Manufacturer	Caliper Corporation
Category	Crime Mapping/Analysis
Contact	Caliper Corporation
Address	1172 Beacon Street Newton, MA 02461
Phone	617-527-4700
Fax	617-527-5113
Email Address	sales@caliper.com
Web Site	http://www.caliper.com
GIS Platforms	Stand-alone
Operating Platforms	Windows 95/98/NT

· Multi-purpose GIS. Features include map editing and customization, map librarian, map locator, geographic data translators, contour generation, GPS interface, integrated maps and charts, routing capability, and nationwide pin mapping by address or zip code.

· Incorporates a built-in translator to import geographic data and databases from a wide variety of formats.

· Data library includes: streets, cities and towns, census tracts, zip code areas, counties, states, MSA's, DMA's and ADI's, highways, railroads, water bodies, and detailed census demographic data.

Product Name	*MapViewer7*
Manufacturer	Golden Software, Inc.
Category	Crime Mapping/Analysis
Contact	Golden Software, Inc.
Address	809 14th Street
	Golden, CO 80401-1866
Phone	800-972-1021
Fax	303-279-0909
Email Address	info@goldensoftware.com
Web Site	www.goldensoftware.com
GIS Platforms	
Operating Platforms	Windows 00/XP/or higher

- MapViewer is a thematic mapping and spatial analysis program that allows the user to produce publication-quality maps.
- Provides the user with capabilities to visualize and analyze geographic data.
- Allows the user to import boundary files and data files in a number of formats to create customized maps.
- Includes Scripter, a VB compatible scripting program to automate MapViewer

Product Name	*MapXtreme*
Manufacturer	MapInfo Corporation
Category	Internet Mapping
Contact	MapInfo Corporation
Address	One Global View Troy, NY 12180-8399
Phone	800-327-8627
Fax	518-285-6070
Email Address	sales@mapinfo.com
Web Site	http://www.mapinfo.com
GIS Platforms	MapInfo
Operating Platforms	Windows NT or JAVA VM

· Application server for distributing mapping on organizational Intranets.
· Includes Spatial Server Access (SSA) for live data connection and write capabilities, as well as integrated developer tools.
· Features include: thematic mapping, buffering, object (map) editing, draw layer, find, layer control, spatial selections, geocoding, and database binding.
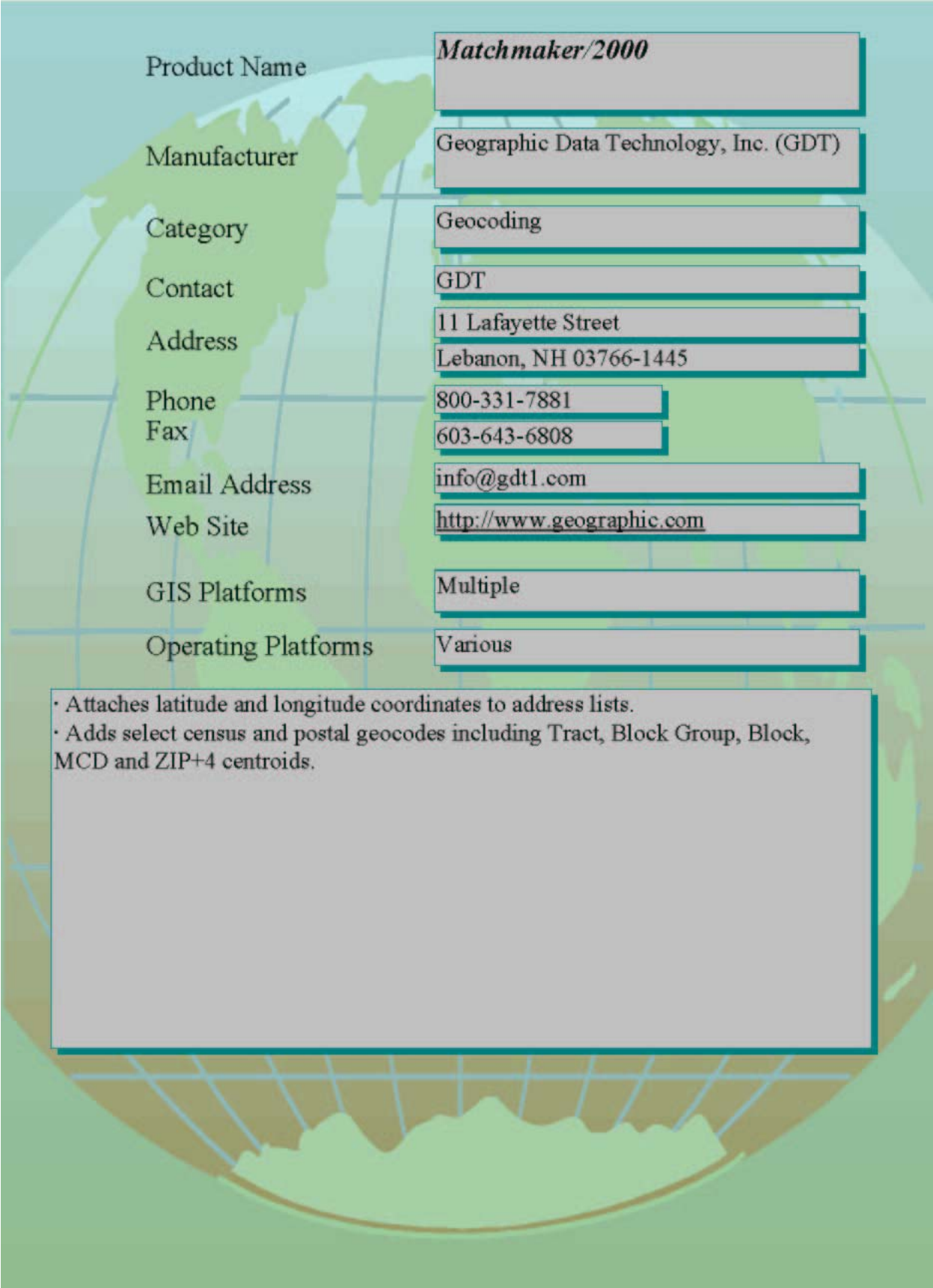
Product Name	*Matchmaker/2000*
Manufacturer	Geographic Data Technology, Inc. (GDT)
Category	Geocoding
Contact	GDT
Address	11 Lafayette Street Lebanon, NH 03766-1445
Phone	800-331-7881
Fax	603-643-6808
Email Address	info@gdt1.com
Web Site	http://www.geographic.com
GIS Platforms	Multiple
Operating Platforms	Various

· Attaches latitude and longitude coordinates to address lists.
· Adds select census and postal geocodes including Tract, Block Group, Block, MCD and ZIP+4 centroids.

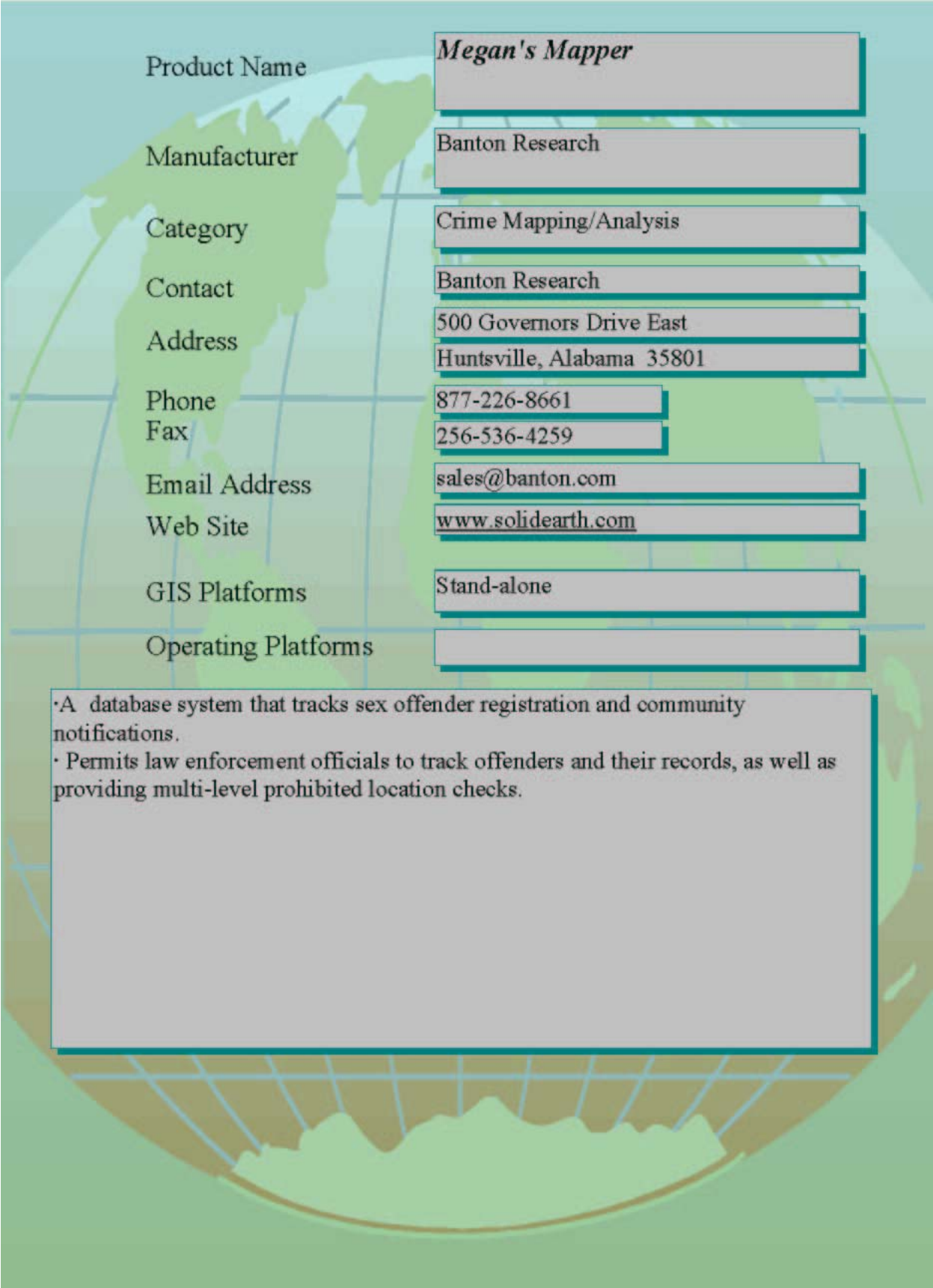|	
Product Name	*MaxResponder - Crywolf False Alarm Solution*
Manufacturer	Public Safety Corp./ESRI
Category	Data Acquisition/Data Management
Contact	Public Safety Corp.
Address	48015 Pine Hill Run Road, Buiding 2, Suit Lexington Park, MD 20653
Phone	877-559-6555
Fax	
Email Address	maxresponder@aot.com
Web Site	www.publicsafetycorp.com/index.htm
GIS Platforms	ESRI Products
Operating Platforms	Windows 95/98/NT or UNIX

· An automated system for tracking and processing alarm calls for service.

Product Name	**MediaMapper**
Manufacturer	Red Hen Systems, Inc.
Category	Other - Audio-Visual Mapping
Contact	Red Hen Systems, Inc.
Address	2850 McMlelland, Suite 3900
	Fort Collins, CO 80525
Phone	800-237-4182
Fax	970-493-3952
Email Address	info@redhensystems.com
Web Site	www.redhensystems.com
GIS Platforms	
Operating Platforms	

- MediaMapper is a multimedia mapping application that enables users to digitally map photographs, video, and audio using GPS coordinates.
- Offers PixPoint that is a powerful digital image collection and management application. It allows the user to synchronize their pictures and their locations, then automatically geo-references them within your GI.
- Offers GeoVideo, an extension tool for ArcGIS, provides a complete solution for registering and viewing spatially reference video within the ArcGIS environment.
- The ELITE version that includes the Map Manager module specifically for government customer using CADRG and CIB map types.

Product Name	*Megan's Law Notification*
Manufacturer	Geographic Information Services, Inc.
Category	Crime Mapping/Analysis
Contact	Lisa Withington
Address	P.O. Box 19188
	Birmingham, AL 35219
Phone	205-941-0442
Fax	205-941-0443
Email Address	software@gis-services.com
Web Site	http://www.gis-services.com
GIS Platforms	ArcView extension
Operating Platforms	Windows 95/98/NT

· Provides links to Word and WordPerfect for Windows in order to generate move-in notification letters.
· Includes a link to the offender's photo and description.
· Notification areas can be defined using buffers, adjacency or areas such as neighborhoods.

Product Name	*Megan's Mapper*
Manufacturer	Banton Research
Category	Crime Mapping/Analysis
Contact	Banton Research
Address	500 Governors Drive East Huntsville, Alabama 35801
Phone	877-226-8661
Fax	256-536-4259
Email Address	sales@banton.com
Web Site	www.solidearth.com
GIS Platforms	Stand-alone
Operating Platforms	

·A database system that tracks sex offender registration and community notifications.
· Permits law enforcement officials to track offenders and their records, as well as providing multi-level prohibited location checks.

Product Name	*Memex Crime Workbench*
Manufacturer	Memex Inc.
Category	Crime Mapping/Analysis
Contact	Memex, Inc.
Address	1595 Spring Hill Road, Suite 200 Vienna, VA 22182
Phone	703-556-4031
Fax	703-556 4282
Email Address	support@memex.com
Web Site	www.memex.com
GIS Platforms	
Operating Platforms	Microsoft Windows NT

- Memex Crime Workbench is an operational intelligence tool. Searching Workbench databases can be done in several ways: query by form, structured query, and free text search.

Product Name	**_Memex Intelligence Engine_**
Manufacturer	Memex Inc.
Category	Crime Mapping/Analysis
Contact	Memex, Inc.
Address	1595 Spring Hill Road, Suite 200 Vienna, VA 22182
Phone	703-556-4031
Fax	703-556 4282
Email Address	support@memex.com
Web Site	www.memex.com
GIS Platforms	
Operating Platforms	Microsoft Windows NT

- The Memex Information Engine is a free text database system providing Total Content Access™ to Memex data as well as popular relational databases, independent of the original format.
- Extensive Query capabilities provide rapid access, analysis and exploration of all information, transforming it from data to intelligence.
- This management system can be configured to support a wide range of information sharing and intelligence initiatives with added security measures.
- The power of the Memex Information Engine is restricted only by the amount of information available to you.

Product Name	*MobiLynx*
Manufacturer	Geo-Comm
Category	Emergency Management
Contact	Geo-Comm
Address	601 West Saint Germain St. Cloud, MN 56301
Phone	888-436-2669
Fax	
Email Address	sales@geo-comm.com
Web Site	http://www.geo-comm.com/
GIS Platforms	ArcView/MapInfo
Operating Platforms	GeoLynx CAD/Dispatch System

- In-Vehicle Mapping tool that allows emergency responders to enter an address and know exactly where to go.
- Vehicles equipped with LynxTrack AVL Tracking System can see their own position as well as the other tracked vehicle on their agency's LynxTrack network in real-time as situations unravel.
- Support for built-in basic hazard plume modeling and advanced ALOHA chemical plume modeling
- Automatically converts on the fly between coordinate systems and projections.
- Works seemlessly with GeoLynx and other Geo-Comm components.

Product Name	*Monarch*
Manufacturer	Datawatch Corporation
Category	Data Management/ Data Mining
Contact	Datawatch Corporation
Address	175 Cabot Street Suite 503 Lowell, MA 01854
Phone	1-800-445-3311
Fax	978-454-8886
Email Address	sales@datawatch.com
Web Site	www.datawatch.com
GIS Platforms	
Operating Platforms	Windows 95/98/00/ NT4.0/ME/XP

- Monarch is an easy-to-use data access and analysis tool that transforms existing test based or PDF reports into live, actionable data on your PC. This also includes XLS, MDB, DB, DBF, Wkx, delimited text and HTML files, as well as any ODBC-compliant data source, including SQL Server and Oracle.
- With Monarch, you no longer have to flip through thick printed reports and rekey data into a spreadsheet or other application for analysis. Load a report file into Monarch and out comes data, which you can view, sort, filter, summarize, graph and export to other desktop applications.
- Allow non-technical users to sort, filter, and combine existing data with additional complimentary data and summarize, export to Excel, Access without programming and help from your IT department.
- Monarch is available in two versions, Monarch and Monarch Pro.
- Datawatch also offers Monarch RMS (Report Mining Server) which is a web-bsed

Product Name	*Oracle Data Mining Suite (Oracle Darwin)*
Manufacturer	Oracle
Category	Other - Data Mining
Contact	Oracle
Address	500 Oracle Parkway Redwood Shores, CA 94065
Phone	1-800-ORACLE-1
Fax	
Email Address	DARWINDOC@us.oracle.com
Web Site	www.oracle.com
GIS Platforms	
Operating Platforms	Windows 95/98/NT

- Oracle Data Mining Suite (Oracle Darwin) is powerful enterprise data mining software that finds meaningful patterns hidden within corporate and e-business data — patterns that can provide the insight needed for highly personalized and profitable customer relationships.
- Oracle Data Mining Suite enables 1:1 marketing by segmenting customers and predicting their behavior.

Product Name	*Oracle Spatial (9i)*
Manufacturer	Oracle
Category	Other - Spatial Information Systems/Mappi
Contact	Oracle
Address	500 Oracle Parkway
	Redwood Shores, CA 94065
Phone	1-800-ORACLE-1
Fax	
Email Address	DARWINDOC@us.oracle.com
Web Site	www.oracle.com
GIS Platforms	
Operating Platforms	

- Oracle Spatial serves as a foundation for enterprise-wide spatial information systems and either web-based or wireless location-based applications.
- It provides data management for location information such as road networks, wireless service boundaries, and geocoded customer addresses.
- Allows users to easily incorporate location information directly in their applications and services.
- Features include standard SQL access to all functions and operations, set of spatial functions which perform length, area, distance calculations on geometries, geocoding framework, spatial indexing mechanism, geodetic support, linear referencing support system, parallel index creation, spatial partitioning support, and integration with Oracle 9i Application Server MapViewer Tool.

Product Name	**OrionMagic**
Manufacturer	SRA International, Inc (Orion Scientific Systems)
Category	Other - Data Mining/Crime Analysis
Contact	orion@orionsci.com
Address	8400 Westpark Drive Suite 200 McLean, VA 22102
Phone	703.917.6540
Fax	703.917.0394
Email Address	sales@orionmagic.com
Web Site	www.orionmagic.com
GIS Platforms	
Operating Platforms	Windows 3.1 or greater

- ORION Scientific Systems, now under SRA International, Inc, created an analytical software for the intelligence and law enforcement communities called ORIONMagic™.
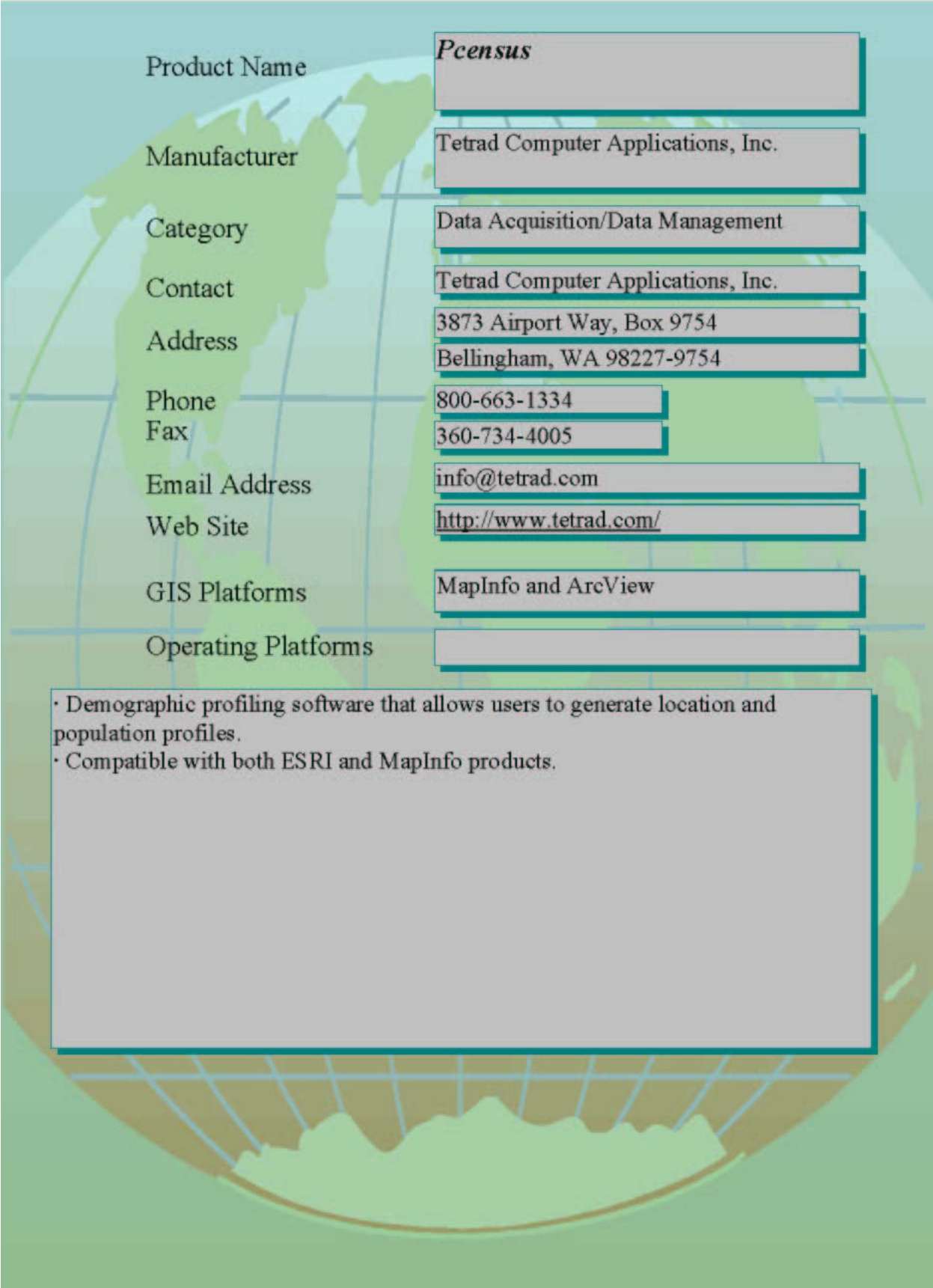- ORIONMagic, is a Windows-based law enforcement application, designed to search through gigabytes of fragmentary investigative material, to find the one or two "smoking guns."
- ORIONMagic enables the investigator to organize multiple search parameters into a matrix format resembling a spreadsheet, and perform massively parallel searches from a single command.
- Provides 2D and 3D charting capabilities, includes a link analysis tool, and allows the user to publish reports instantly to a web page or use in Word.

Product Name	*Pattern Tracer*
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2inc.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	Windows NT 4.0/00/XP

- Pattern Tracer is a tool that enables investigators to quickly and automatically uncover clusters and underlying patterns within a large amount of raw telephone call data.
- Pattern Tracer utilizes a proprietary algorithm to automatically find repeating patterns in toll call records even if there is a change in the order of calls.
- Allows the user to import up to 100,000 calls at a time, identify groups of calls that occur together, to establish the chain of command of a criminal organization, discover the existence of unknown players and focus the investigation, and to predict future incidents more accurately based on historical call patterns and temporal analysis.

Product Name	*Pcensus*
Manufacturer	Tetrad Computer Applications, Inc.
Category	Data Acquisition/Data Management
Contact	Tetrad Computer Applications, Inc.
Address	3873 Airport Way, Box 9754 Bellingham, WA 98227-9754
Phone	800-663-1334
Fax	360-734-4005
Email Address	info@tetrad.com
Web Site	http://www.tetrad.com/
GIS Platforms	MapInfo and ArcView
Operating Platforms	

· Demographic profiling software that allows users to generate location and population profiles.
· Compatible with both ESRI and MapInfo products.

Product Name	*PoliceServer*
Manufacturer	Pamet Systems, Inc.
Category	Data Acquisition/Data Management
Contact	Pamet Systems, Inc.
Address	1000 Main Street Acton, MA 01720
Phone Fax	1-800-538-7128
Email Address	info-sales@pametsystems.net
Web Site	www.pamet.net
GIS Platforms	
Operating Platforms	

- PoliceServer is a scalable and complete records management system (RMS) that offers pull-down menus, drop down lists to simplify data entry for law enforcement agencies.
- Other products include CADServer, Advanced Reporting, GIS Mapping, Mobile Computing, and Digtial Imaging are fully integrated to provide a total system approach to public safety needs.
- GIS/Mapping features realtime display of incidents when used with our CADServer NT application and also allows an agency to graphically represent crimes and crime patterns on a map of their jurisdiction.

Product Name	*PrecisionCode*
Manufacturer	Claritas International
Category	Data Acquisition/Data Management
Contact	Claritas International
Address	5375 Mira Sorrento Place, Suite 400 San Diego, CA 92121
Phone	800-234-5973
Fax	858-550-5800
Email Address	info@claritas.com
Web Site	http://www.claritas.com
GIS Platforms	Stand-alone
Operating Platforms	

- PrecisionCode allows users to unlock the wealth of data contained in their customer files and to understand the lifestyle characteristics that drive people's purchasing power.
- More tailored for marketing purposes however it does provide data analysis and mapping capabilities.
- Allows you to append exact address and intersection infromation and geographic information including state, county, census tract, block group, and block codes.
- Compatible with Microsoft MapPoint software.

Product Name	*Regional Crime Analysis GIS (RCAGIS)*
Manufacturer	U.S. Department of Justice, Criminal Division
Category	Crime Mapping/Analysis
Contact	U.S. Department of Justice, Criminal Divisi
Address	950 Pennsylvania Avenue Washington, D.C. 20530-0001
Phone	
Fax	
Email Address	maps@ojp.usdoj.gov
Web Site	http://www.icpsr.umich.edu/NACJD/RCA
GIS Platforms	ESRI Products
Operating Platforms	

· A free application created with ESRI's MapObjects™ that is designed to facilitate the analysis of crime on a regional basis.

· Three modes, each designed for a specific level of analysis: 'Quickmap' for simple queries; 'Mapper/Analysis' for crime analysis; and 'Reports' for report generation.

- Wizard driven incident database queries enable simple and complex database queries.

· RCAGIS also integrates the CrimeStat spatial statistics software package developed by Ned Levine & Associates under a grant from NIJ. Linkage tools for drawing links between vehicle theft and recovery locations, incident locations and suspects' homes.

- Supports digital imagery and geographic data in mulitple projections.

- Reporting suite includes Results Reports, Crime Alerts, CrimeStac Reports, and Daily, Weekly, or Monthly Summaries.

Product Name	*Regional Crime Analysis Program - Small Dept. Edition*
Manufacturer	Virginia Institute for Justice Information Systems
Category	Crime Mapping/Analysis
Contact	Jason Dalton, Director
Address	105-C Olsson Hall, University of Virginia Charlottesville, VA 22903
Phone	804-924-5397
Fax	
Email Address	jrd7y@virginia.edu
Web Site	http://vijis.sys.virginia.edu/home.htm
GIS Platforms	Stand-alone
Operating Platforms	

- Regional Crime Analysis Program-Small Department Edition or (ReCAP-SDE) is a free crime analysis application based on the original Regional Crime Analysis Program (ReCAP) developed by the Department of Systems Engineering at the University of Virginina. This version, unlike the original, was created to accommodate smaller police departments and increase the availability of the crime analysis package nationwide.
- ReCAP-SDE that has all of the analysis and mapping functions of the client-server version, but uses a data import routine rather than costly database integration.
- Uses ActiveX controls called MapObject (ESRI) that enables VB applications to read in various mapping and drawing file formats for use on a map. This helps to avoid the having to purchases an entire GIS software package. The original ReCAP does, however, run in MapInfo or ArcView.
- Includes temporal charts to determine when crimes are occurring during time of

Product Name	*Rematch*
Manufacturer	Developed by David Gehr, Crime Analyst, Oxnard, CA
Category	Geocoding
Contact	David Gehr, Crime Analyst
Address	251 S. C Street Oxnard, CA 93030
Phone	805-385-7633
Fax	
Email Address	daveg@west.net
Web Site	http://www.oxnardpd.org
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT

· Rematch.avx is an ArcView script developed by David Gehr and available for download from the ArcScripts page at http://www.esri.com.
· Rematch.avx was created from a modified script, matchcoo.ave, an ESRI sample script. Rematch.avx enables rematching the "unmatched" addresses in a previously geocoded theme, based upon the "U" value in the Av_status field.
· Detailed instructions are included with the script to assist users with the rematch process.
· David Gehr has written additional ArcView scripts, including Script Creator and SEdAssistant, both available for download from the ESRI Web site.

Product Name	*Rigel*
Manufacturer	Environmental Criminology Research, Inc.
Category	Other - Geographic Profiling
Contact	Barry Dalziel, President
Address	#303-1505 West 2nd Avenue Vancouver, BC, Canada V6H 3Y4
Phone	604-718-2050
Fax	604-718-2051
Email Address	barryd@ecricanada.com
Web Site	http://www.ecricanada.com
GIS Platforms	Stand-alone
Operating Platforms	Windows 95/98 or UNIX

- Rigel is designed to support serial crime investigations by prioritizing suspects and addresses, and enabling the investigators to focus their resources on specific locations.
- Uses a digital street map of the target area and/or geographic latitude/longitude coordinates of the crimes, and any additional databases (such as suspect lists, sex offenders, police records, calls for service, motor vehicle records).
- Assigns a statistical probability to each region within the area where a series of crimes have occurred. Probabilities are based on a series of calculations which predict the most likely location for the offender's residence. Uses ECRI's patented Criminal Geographic Targeting (CGT) algorithm.
- Crime data can be weighted according to the degree of linkage certainty.
- Spatial/statistical reports can be generated for each scenario and each identified suspect and selected crimes. Analyses can be displayed in planar view or a 3D

Product Name	*S+ SpatialStats*
Manufacturer	Insightful
Category	Crime Mapping/Analysis
Contact	Insightful
Address	1700 Westlake Ave N, Suite 500 Seattle, WA 98109
Phone	206-283-8802
Fax	206-283-8691
Email Address	info@insightful.com
Web Site	www.insightful.com/products/spatial/defau
GIS Platforms	S-PLUS
Operating Platforms	Windows 95/98/00/ME/NT or UNIX/Linux

- Provides tools specifically developed for exploratory data analysis and modeling of three broad classes of spatial data: geo-statistical data, point patterns, and lattice data.
- Features contour plots, 3D point clouds, variogram plots and boxplots, empirical variogram estimation, variogram models including spherical and exponential, ordinary and universal kriging, kriging prediction at arbitrary locations with standard errors, and parametric and nonparametric trend surfaces.
- Uses spatial regression models including conditional and simultaneous autoregressive models, nearest neighbor search routines, Geary and Moran spatial autocorrelation coefficients.
- Features point pattern maps, spatial randomness tests, Ripley's K-functions, and local intensity estimation.

Product Name	*SafeCity*
Manufacturer	GeoDecisions
Category	Crime Mapping
Contact	GeoDecisions
Address	1515 Market Street, Suite 2020 Philadelphia, PA 19102
Phone Fax	215-557-0101 x1515
Email Address	kswitala@geodecisions.com
Web Site	http://www.geodecisions.com/index.htm
GIS Platforms	ArcGIS
Operating Platforms	

- This is a web-based crime mapping application that provides public access to crime data. The solution offers both law enforcement and local residents crime analysts and extensive querying capabilites.
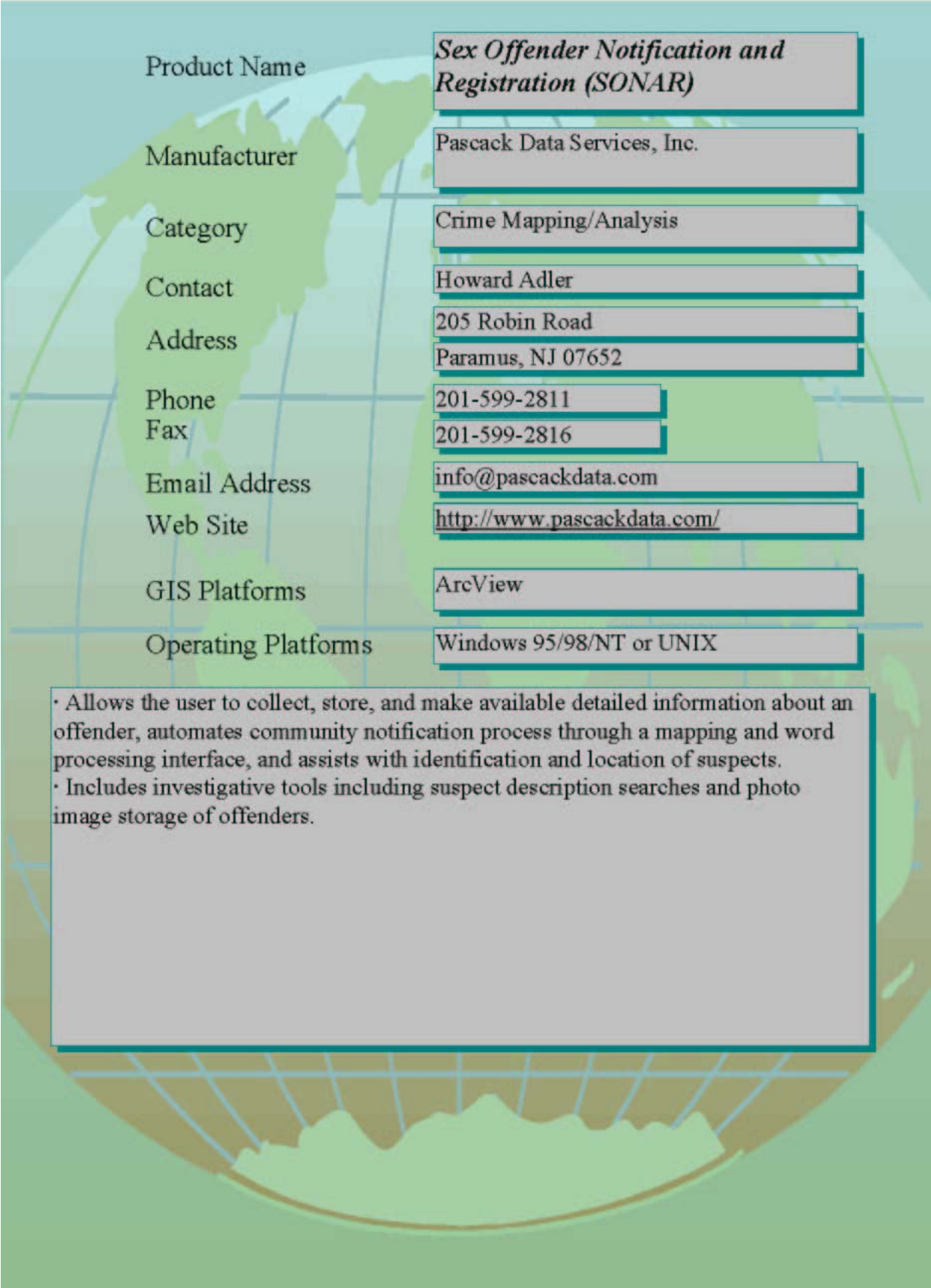
Product Name	**SaTScan**
Manufacturer	SaTSCAN
Category	Crime Analysis/Statistics
Contact	Michael Kulldorf, Assistant Professor
Address	Department of Ambulatory Care & Prevent
	133 Brookline Ave., 6th Floor, Boston, MA
Phone	
Fax	
Email Address	kulldorf@satscan.org
Web Site	http://www.satscan.org/
GIS Platforms	Stand-alone
Operating Platforms	Linux and Unix versions available

- SaTScan software analyzes spatial, temporal, and space-time data using spatial, temporal, and space-time statistics. Originally designed to analyze health-related issues such as disease clusters and early detection of diseases outbreaks, this software may also be used in criminology to analyze crime.
- SaTScan utilizes a variety of models including Poisson, Bernoulli, space-time permutation, exponential, and others. It also adjusts for the underlying inhomogeneity of a background population or for any number of categorical covariates provided by the user, as well as, temporal trends, space-time clusters, and missing data.

Product Name	**School COP**
Manufacturer	Abt Associates
Category	Crime Mapping/Analysis
Contact	Tom Rich
Address	55 Wheeler St. Cambridge, MA 02138
Phone	(617) 349-2753
Fax	(617) 349-2610
Email Address	tom_rich@abtassoc.com
Web Site	www.schoolcopsoftware.com
GIS Platforms	Stand alone
Operating Platforms	Windows 95/98/NT/2000/XP

- The School Crime Operations Package (School COP) is a software application designed for entering, analyzing, and mapping incidents that occur in and around schools.
- Target users are persons responsible for enforcing discipline and safety regulations, investigating crime and other incidents, and planning violence prevention initiatives at elementary, middle, and high schools.
- School COP can be used at a single school or at the school district level. School COP includes a sample database of incidents that illustrate the package's search, reporting, and mapping capabilities. On-line help is also available.

Product Name	*Sex Offender Notification and Registration (SONAR)*
Manufacturer	Pascack Data Services, Inc.
Category	Crime Mapping/Analysis
Contact	Howard Adler
Address	205 Robin Road
	Paramus, NJ 07652
Phone	201-599-2811
Fax	201-599-2816
Email Address	info@pascackdata.com
Web Site	http://www.pascackdata.com/
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT or UNIX

· Allows the user to collect, store, and make available detailed information about an offender, automates community notification process through a mapping and word processing interface, and assists with identification and location of suspects.
· Includes investigative tools including suspect description searches and photo image storage of offenders.

Product Name	*SpaceStat*
Manufacturer	TerraSeer
Category	Crime Mapping
Contact	TerraSeer
Address	3317 Remington Drive Crystal Lake, IL 60014
Phone	
Fax	
Email Address	web@terraseer.com
Web Site	www.terraseer.com
GIS Platforms	Any existing GIS
Operating Platforms	Windows

- SpaceStat utilizes a range of patented spatial statistics which allows the user to create spatial weights matrices, exploratory spatial data analysis, and spatial econometric analyses.
- It was first released in 1991 and has been updated four times.

Product Name	*Space-Time Analysis of Regional Systems (STARS)*
Manufacturer	San Diego State University
Category	Crime Mapping/Analysis
Contact	Sergio Rey or Mark V. Janikas
Address	San Diego State University
	Department of Geography
Phone	
Fax	
Email Address	serge@rohan.sdsu.edu
Web Site	http://ideas.repec.org/p/wpa/wuwpur/04060
GIS Platforms	Stand-alone
Operating Platforms	

- STARS is an open source package designed for dynamic exploratory analysis of data measured for areal unites at mulitple points in time. It consists of four analytical modules: 1) ESDA-exploratory spatial data analysis, 2) Inequality measures, 3) Mobility metrics, 4) Spatial Markov.
- It was developed using the PYTHON object oriented scripting language and offers three main modes: 1) Command line interface (CLI), 2) Graphical User Interface (GUI), and 3) GUI/CLI modes combined.
- The CLI mode allows STARS to be treated as a package which can be called from within customize scripts. The GUI mode integrates most fo the analytical modules with a series of dynamic graphical views containing brushing and linking functionality to support interactive exploration of the spatial, temporal and distributional dimensions of socioeconomic and physical processes.

Product Name	**_Spatial Analyst_**
Manufacturer	ESRI, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	ArcView extension
Operating Platforms	Windows 95/98/NT or UNIX

· Provides a broad range of spatial modeling and analysis features.
· Allows users to create, query, map, and analyze cell-based raster data and to perform integrated vector-raster analysis.
· Features include the ability to: convert feature themes (point, line, or polygon) to grid themes, create raster buffers based on distance or proximity from feature or grid themes, and create density maps from themes containing point features.

Product Name	*Spatial and Temporal Analysis of Crime (STAC)*
Manufacturer	Illinois Criminal Justice Information Authority
Category	Crime Mapping/Analysis
Contact	ICJIA, ATTN: STAC
Address	120 South Riverside Plaza, Suite 101 Chicago, IL 60606
Phone	888-425-4248
Fax	312-793-8422
Email Address	irc@icjia.state.il.us
Web Site	http://www.icjia.org
GIS Platforms	ArcView/MapInfo/Atlas
Operating Platforms	DOS 3.0 or higher

· Consists of two PC software programs—the Time Analyzer (determine the most likely time of day and day of week that a particular type of crime will occur) and the Space Analyzer (finds those areas in a community where there is a concentration of crimes).
· Allows the user to locate clusters of criminal activity in a community by automating analytical functions including time-of-offense data analysis and manual pin mapping.
· Works on top of a desktop mapping package.

Product Name	**Spatial Crime Analysis System (SCAS)**
Manufacturer	US Department of Justice, Criminal Division
Category	Crime Mapping/Analysis
Contact	Alex Mudd or John DeVoe
Address	1400 New York Avenue, Room 7120
	Washington, DC 20005
Phone	202-307-3865 or 202-5
Fax	
Email Address	criminal.gis@usdoj.gov
Web Site	http://www.usdoj.gov/criminal/gis/scashom
GIS Platforms	ArcView
Operating Platforms	Windows 95/98

- Allows the user to perform crime database queries including crime type, MO, data and time across police district boundaries.
- Creates automated crime alert notices as Word documents, automated daily/weekly/monthly/quarterly maps and reports, and summary charts by time and trend.
- Creates point locations, standard deviation ellipses, and density grids.
- Available for free download and testing.
- Created orginally through a partnership with the National Insitute of Justice for Montgomery County Police Department in Maryland. It was developed using ArcView 3.0 and Spatial Analyst with a VB 4.0 front end.

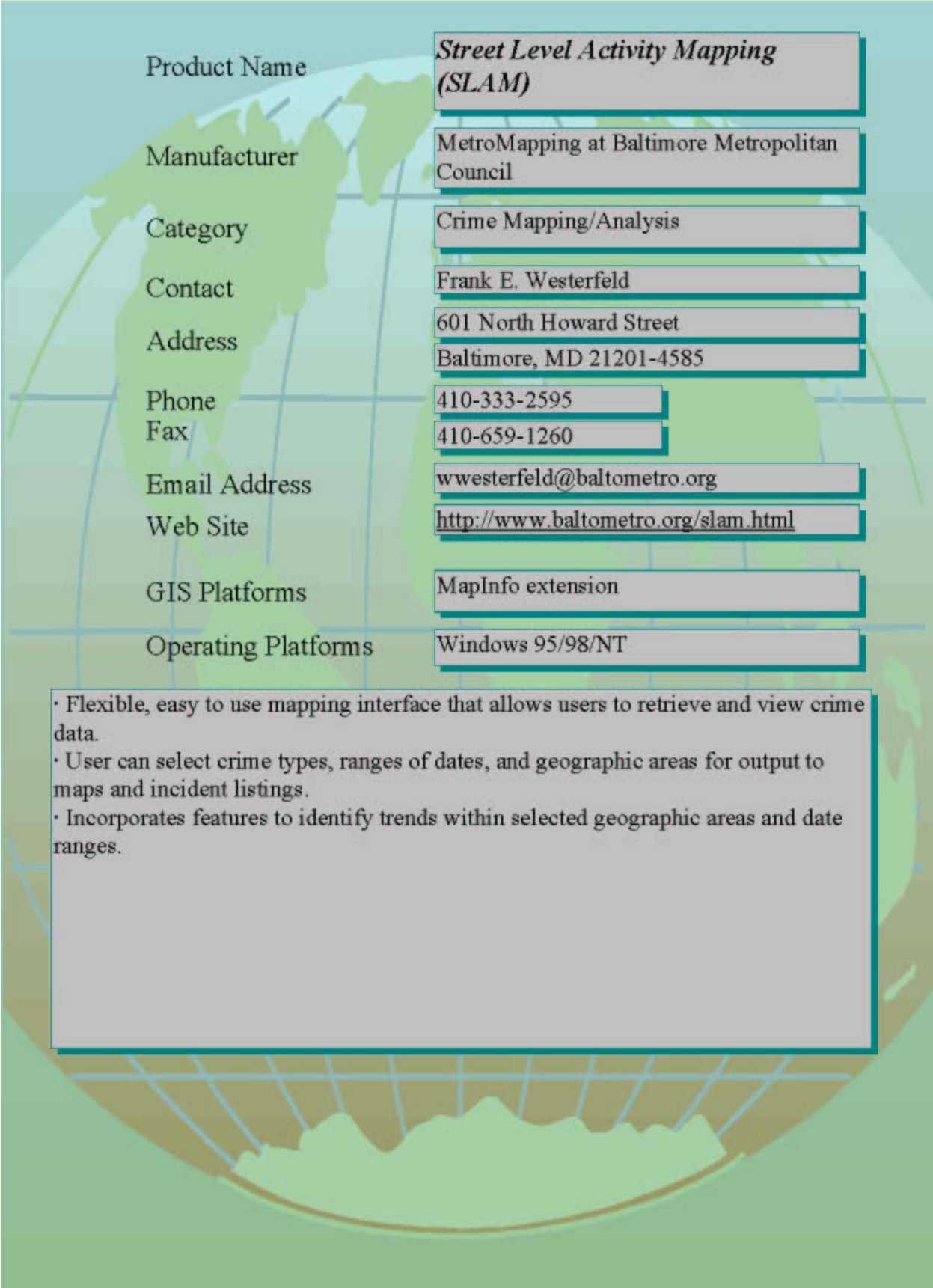|	
Product Name	*S-Plus for ArcView GIS*
Manufacturer	Insightful
Category	Crime Mapping/Analysis
Contact	Insightful
Address	1700 Westlake Ave N, Suite 500 Seattle, WA 98109
Phone	206-283-8802
Fax	206-283-6310
Email Address	info@insightful.com
Web Site	http://www.insightful.com/products/arcvie
GIS Platforms	ArcView and S-PLUS extension
Operating Platforms	Windows 95/98/00/NT/ME

- S-Plus for ArcView GIS 3.2 integrates the powerful statistics and publication-quality graphics of S-Plus into ArcView.
- Complete range of statistical functions, over 4,200 options.
- Over eighty 2D and 3D publication-quality graph types.
- Allows the user to introduce the graphical representation of a third conditioning variable.
- Unique visualization techniques such as Trellis graphic offer new wasy to explore your GIS data.
- Offeres a seemless enviroment that allows the user to easily transport data and results between the two products.
- Provides access to spatial statistics in S+SpatialStats, an add on module to S-Plus.

Product Name	**Staff Wizard**
Manufacturer	Corona Solutions
Category	Other - Resource Allocation
Contact	Corona Solution
Address	9025 Grant Street, Suite 204 Thornton, CO 80229
Phone	1-888-450-9887
Fax	
Email Address	sales@coronasolutions.com
Web Site	www.coronasolutions.com
GIS Platforms	Stand-alone
Operating Platforms	Windows

- Staff Wizard is used for optimizing patrol deployment in agencies, such as Police, EMS, and Private Security. Managing available time is a must for effectively responding to predictable amounts of work, but is not easily accomplished by hand or rudimentary software tools. Using a proven mathematical model, Staff Wizard analyzes current workload and presents the statistics needed to most effectively staff resources. The necessary input statistics can be automatically extracted from several major CAD systems, or keyed-in through easy-to-use forms.
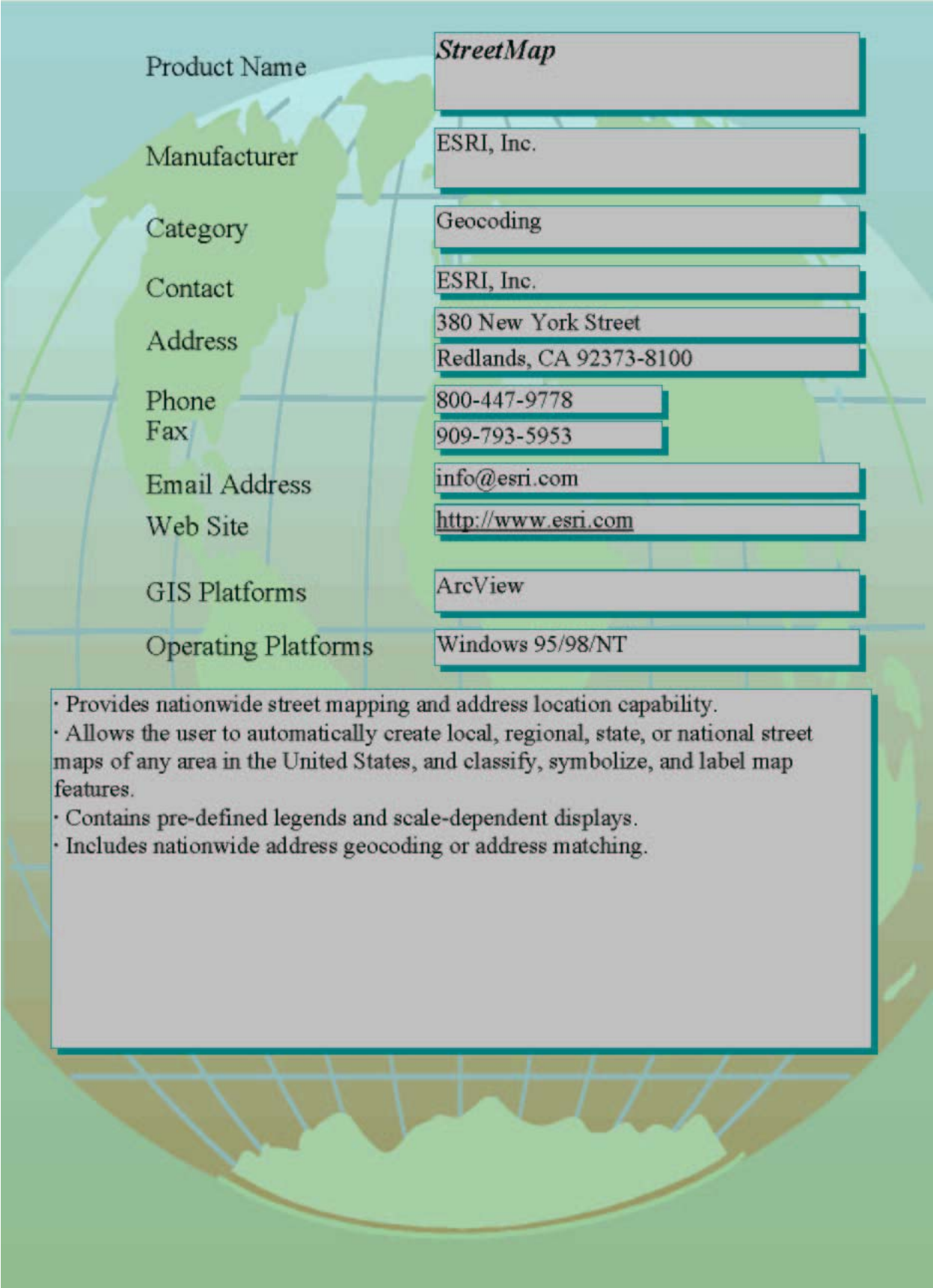
Product Name	*Street Atlas*
Manufacturer	Delorme
Category	Routing Software
Contact	Delorme
Address	Two DeLorme Drive, P.O. Box 298 Yarmouth, ME 04096
Phone	207-846-7000
Fax	800-575-2244
Email Address	info@delorme.com
Web Site	http://www.delorme.com
GIS Platforms	Stand-alone
Operating Platforms	Windows

· Nationwide street-level and highway maps of the entire US on a single CD-ROM.
· Address-to-address directions and maps via fastest, shortest, preferred, or scenic routes.

Product Name	*Street Level Activity Mapping (SLAM)*
Manufacturer	MetroMapping at Baltimore Metropolitan Council
Category	Crime Mapping/Analysis
Contact	Frank E. Westerfeld
Address	601 North Howard Street Baltimore, MD 21201-4585
Phone	410-333-2595
Fax	410-659-1260
Email Address	wwesterfeld@baltometro.org
Web Site	http://www.baltometro.org/slam.html
GIS Platforms	MapInfo extension
Operating Platforms	Windows 95/98/NT

· Flexible, easy to use mapping interface that allows users to retrieve and view crime data.
· User can select crime types, ranges of dates, and geographic areas for output to maps and incident listings.
· Incorporates features to identify trends within selected geographic areas and date ranges.

Product Name	**StreetMap**
Manufacturer	ESRI, Inc.
Category	Geocoding
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	ArcView
Operating Platforms	Windows 95/98/NT

· Provides nationwide street mapping and address location capability.
· Allows the user to automatically create local, regional, state, or national street maps of any area in the United States, and classify, symbolize, and label map features.
· Contains pre-defined legends and scale-dependent displays.
· Includes nationwide address geocoding or address matching.

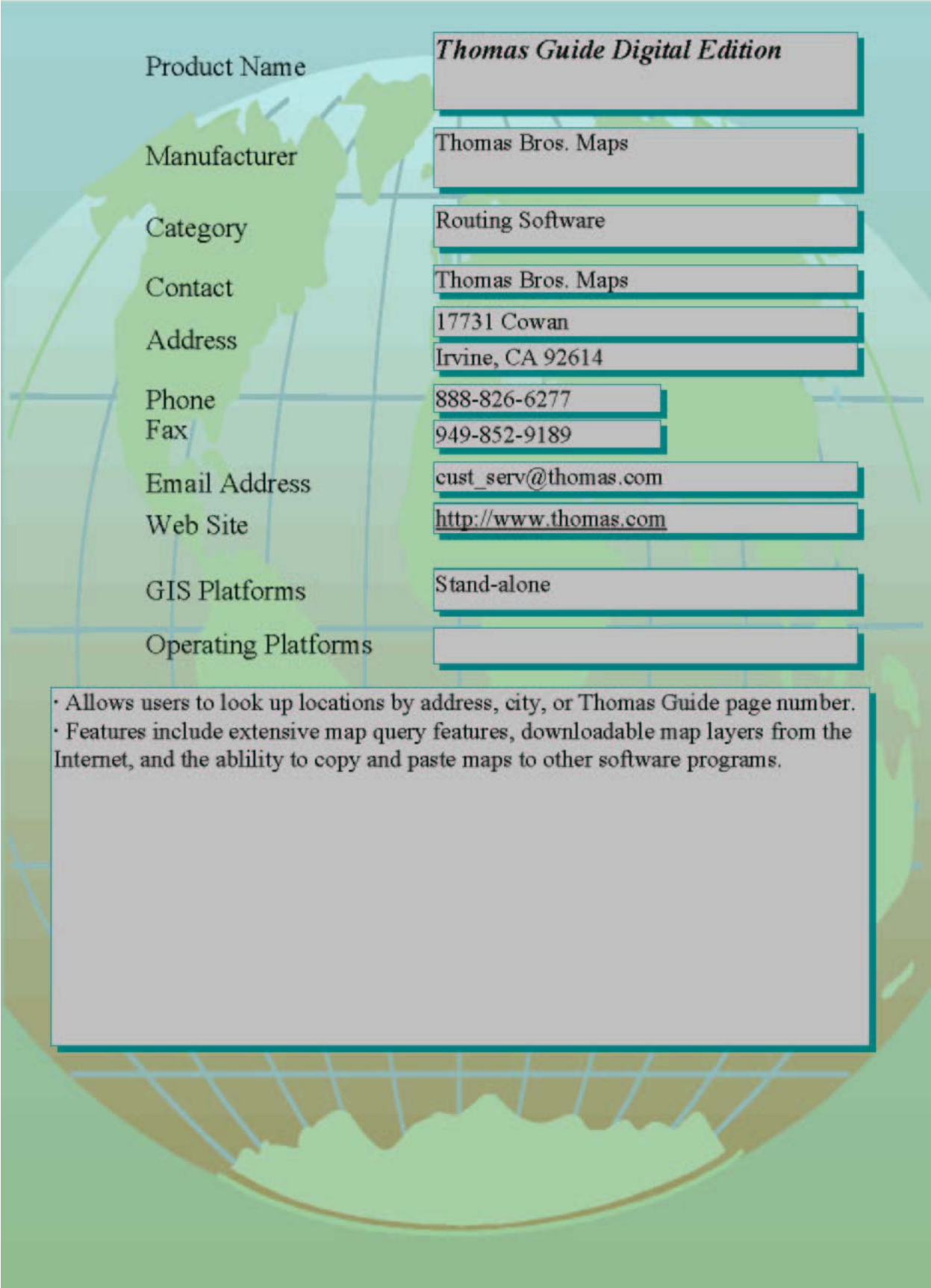|	
Product Name	*Streets & Trips 2006*
Manufacturer	Microsoft Corporation
Category	Routing Software
Contact	Microsoft Corporation
Address	One Microsoft Way
	Redmond, WA 98052-6399
Phone	425-882-8080
Fax	
Email Address	
Web Site	http://www.microsoft.com/streets/ProductD
GIS Platforms	Stand-alone
Operating Platforms	Windows 95/98/00/ME/NT2003

- Combines customizable trip planning software that helps allows the user to obtain accurate directions, print custom maps and save maps and driving directions.
- Provides complete coverage of both USA and Canada.
- Includes new voice-prompted directions, personal driving profile, rotate-able maps, and new updates.
- The enhanced version is combined with a GPS locator that lets you track your location in real-time and has more trip planning tools than any online mapping site.
- Pocket Streets allows users to copy a section of the desktop map to a Windows powered handheld computer for quick reference.

Product Name	**Terrain Tools**
Manufacturer	Softree
Category	Crime Mapping/Analysis
Contact	Softree
Address	#8-650 Clyde Avenue
	West Vancouver B.C., Canada V7T 1E2
Phone	604-519-6222
Fax	604-926-3075
Email Address	mail@softree.com
Web Site	http://www.softree.com
GIS Platforms	Stand-alone
Operating Platforms	Windows 95/98/NT

· Free surveying and mapping software whereby coordinates can be entered using the mouse, typed in, or imported from external files. Scanned topographic maps, air photos and other bitmap images can also be incorporated.

Product Name	*TerraServer*
Manufacturer	TerraServer
Category	Data Acquisition/Data Management
Contact	Aerial Images, Inc.
Address	615 Hillsborough Street Raleigh, NC 27603
Phone	888-836-9662
Fax	
Email Address	support@terraserver.com
Web Site	http://www.terraserver.com
GIS Platforms	
Operating Platforms	

· Online service providing free satellite images from around the globe.

Product Name	*Thomas Guide Digital Edition*
Manufacturer	Thomas Bros. Maps
Category	Routing Software
Contact	Thomas Bros. Maps
Address	17731 Cowan
	Irvine, CA 92614
Phone	888-826-6277
Fax	949-852-9189
Email Address	cust_serv@thomas.com
Web Site	http://www.thomas.com
GIS Platforms	Stand-alone
Operating Platforms	

· Allows users to look up locations by address, city, or Thomas Guide page number.
· Features include extensive map query features, downloadable map layers from the Internet, and the ablility to copy and paste maps to other software programs.

Product Name	**TIGER Files**
Manufacturer	U.S. Census Bureau
Category	Data Acquisition/Data Management
Contact	U.S. Census Bureau
Address	U.S. Census Bureau Washington, DC 20233
Phone	301-457-4608
Fax	
Email Address	techsupp@census.gov
Web Site	http://www.census.gov/geo/www/tiger/
GIS Platforms	Multiple
Operating Platforms	

· TIGER/Line files are a digital database of geographic features, such as roads, railroads, rivers, lakes, and political boundaries covering the entire United States. The database contains information about these features such as their location in latitude and longitude, the name, the type of feature, address ranges for most streets, the geographic relationship to other features, and other related information.

Product Name	*TimeScan*
Manufacturer	Bair Software Inc.
Category	Crime Mapping/Analysis
Contact	Bair Software Inc.
Address	9249 S. Broadway Rd. Suite 200-137
	Highlands Ranch, CO 80129
Phone	800-380-1138
Fax	720-348-1093
Email Address	info@bairsoftware.com
Web Site	www.bairsoftware.com
GIS Platforms	Stand-alone
Operating Platforms	

- TimeScan is a powerful temporal analysis tool designed specifically for crime analysis. Unlike other time-analysis programs, TimeScan was designed by a crime analyst and is tailored to strategic, tactical, and operational law enforcement analysis. It includes more than two dozen powerful tools.

Product Name	*Tracking Analyst*
Manufacturer	ESRI, Inc. and TASC, Inc.
Category	Crime Mapping/Analysis
Contact	ESRI, Inc.
Address	380 New York Street Redlands, CA 92373-8100
Phone	800-447-9778
Fax	909-793-5953
Email Address	info@esri.com
Web Site	http://www.esri.com
GIS Platforms	ArcView extension
Operating Platforms	Windows 95/98/NT

· Captures, displays, and plays back data utilizing Global Positioning System (GPS) technology in order to monitor objects or phenomena as they move and/or change over time.
· Allows temporal and spatial analysis of data in real time.
· Customizable menu and button interface.
· Features logging and archiving of real-time data and the capability to playback previously stored data.

Product Name	*Vertical Mapper*
Manufacturer	Northwood Geoscience
Category	Crime Mapping/Analysis
Contact	MapInfo Corporation
Address	One Global View Troy, NY 12180-83979
Phone	800-531-9399
Fax	518-285-6070
Email Address	sales@mapinfo.com
Web Site	http://www.mapinfo.com
GIS Platforms	MapInfo
Operating Platforms	Windows 95/98/00/NT/XP

· MapInfo's Vertical Mapper has a wide range of analysis tools that allow you to reveal trends in data, including 6 gridding algorighthms: (triangulated irregular network with smoothing, inverse weighted distance function, natural neighbor, rectangular interpolation, kriging, and custom point estimation.

- Contour modeling and display software that enables the user to conduct geographic analyses using raster formatting to create 3D graphic images.

· Allows the user to compute Theissen polygons and grid densities as well as to aggregate statistical data.

· Allows the user to drape vector, raster or text onto the 3D surface for additional analysis.

- Also has modeling options such as location profiler that computes and averages the distance to a series of points and trade area analysis for single or multiple areas.

Product Name	*VISI System Law Enforcement*
Manufacturer	Paisely Systems
Category	Other - Intelligence Analysis/Crime Analysis
Contact	Paisely Systems, Inc.
Address	2213 Munn's Avenue
	Oakville, Ontario L6H 3M9 Canada
Phone	905-849-6744
Fax	905-842-1831
Email Address	info@paisleysystems.com
Web Site	http://www.paisleysys.com/Products/Intros/
GIS Platforms	Stand-alone
Operating Platforms	Windows 98/00/XP/NT

- The VISI System LE allows you to capture, organize, analyze, and automatically visually identify links, associations, timelines, and networks from related Incidents, Investigations, Interviews, People, Organization, Addresses, Communication Means, Vehicles, Property, Policies, and Document Information.
- Combines the VISIcais, VISIquery, VISIreport, VISIlink, and VISImap to provide a seemless case and investigation management and visual analysis environment.
- VISIcais is designed for case intelligence can be implemented as a national, local, or single user system.
- VISIquery assists users with creating sophicated queries by providing a simple and effective manner to access all fields.
- VISIreport provides a number of standard reports such as Investigation, Incident, People, Organization and Vehicle which can be customized.
- VISIlink is built upon Microsoft Visio helps the user define and document the

Product Name	*VisionGIS*
Manufacturer	VisionAir, Inc
Category	Crime Mapping/Analysis
Contact	Marty Hollingsworth
Address	5601 Barbados Boulevard
	Castle Hayne, NC 28429
Phone	800-882-2108 Ext. 51
Fax	910-602-6190
Email Address	sales@visionair.com
Web Site	http://www.visionair.com
GIS Platforms	ArcView or MapInfo
Operating Platforms	Windows NT

· For use with Vision Software Public Safety Suite: Computer-Aided Dispatch (CAD), Record Management System (RMS), and MOBILE.
· Allows the user to define mapping attributes, boundaries and zones for integration with CAD data for resource management and control.
· Supports GPS/AVL (including cellular) based on literal XY coordinates.
· Provides data display analysis including incident point maps, trend analysis, and SQL queries. Provides Wireless Phase I cell tower and sector coverage areas as well as Phase II call locations to locate 911 callers using mobile phones. Utilizes GeoLynx and several other products to integrate other types of information, such as InfoLynx for image display, Geopoint as address and GIS map maintenance tool, and MobiLynx to provide GIS in the field for emergency response vehicles.

Product Name	*VisionRMS*
Manufacturer	VisionAIR, Inc.
Category	Other - Records Management/Crime Mappi
Contact	Marty Hollingsworth
Address	5601 Barbados Boulevard
	Castle Hayne, NC 28429
Phone	800-882-2108 Ext. 51
Fax	910-602-6190
Email Address	sales@visionair.com
Web Site	http://www.visionair.com/s_rms.asp
GIS Platforms	ArcView or MapInfo
Operating Platforms	Windows NT

- VisionRMS produces state-specific Incident Based, UCR, and NIBRS reports that can be directly transferred to the FBI or state crime information center.
- Four cross-jurisidictional Master Indexes including Address, Name, Property, and Vehicle are-shared throughout the VisionRMS system and integrated Pubic Safety Suite (i.e., VisionGIS, VisionCAD,VisionMOBILE).
- Using its Windows NT based architecture VisionRMS offers a variety of modules including the following: case records, arrest records, towing, parking tickets, intelligence, internal affairs, vehicle impound, warrant , DMV and more.
- VisionRMS also offers embedded crystal reporting and is US DOJ Global Justice XML enabled.

Product Name	*Visual Notebook*
Manufacturer	i2 Inc.
Category	Crime Mapping/Analysis
Contact	i2 Inc.
Address	6551 Loisdale Court Suite 600 Springfield, VA 22150
Phone	1-888-546-5242
Fax	703-921-0196
Email Address	info@i2inc.com
Web Site	www.i2inc.com
GIS Platforms	
Operating Platforms	Windows NT 4.0/2000/XP

- Provides the ability to organize case information in a timely fashion and distill key points from the most complex cases.
- Allows user to create link charts to show connections between people, places, and events, visualize sequences of events to compare known facts to witness accounts, and to see which gaps in the information require further investigation.

Product Name	*VMS 300 Video Mapping System*
Manufacturer	Red Hen Systems, Inc.
Category	Crime Mapping/Analysis
Contact	Red Hen Systems, Inc.
Address	2310 E. Prospect Road, Suite A Fort Collins, CO 80525
Phone	970-493-3952
Fax	970-493-3938
Email Address	info@redhensystems.com
Web Site	http://www.redhensystems.com
GIS Platforms	MediaMapper
Operating Platforms	Windows 95/98/00/NT

· A spatial multimedia tool that works with compatible video cameras or the Kodak DC290 Zoom Digital Camera to record GPS location data with pictures.
· Once the images are recorded, VMS 200 sends the data to the computer, working with MediaMapper to generate a map automatically from the GPS data.

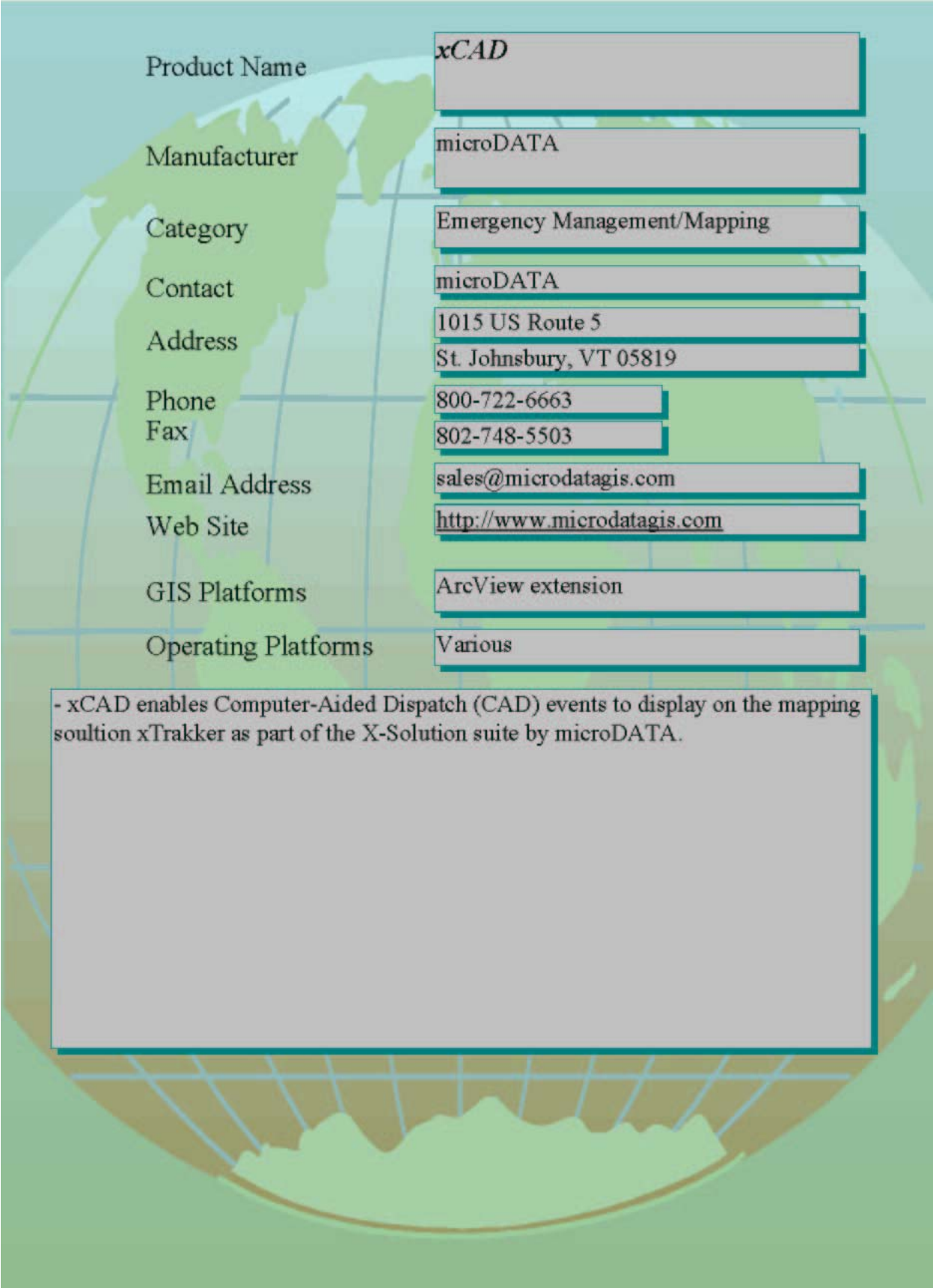|	
Product Name	*Web-Data Visualization System*
Manufacturer	Indus Corporation
Category	Internet Mapping
Contact	Mike Mullen
Address	1953 Gallows Road, Suite 300 Vienna, VA 22182
Phone	703-506-6700
Fax	703-506-6776
Email Address	mmullen@induscorp.com
Web Site	http://www.induscorp.com
GIS Platforms	Any ESRI product
Operating Platforms	Windows 95/98/NT or UNIX

· Allows user visualization and production of data through the Internet using Web browser interface.
· Provides framework for full integration of geographic and tabular data from multiple data sources.
· Ability to develop complex spatial and tabular queries.
· Enables data sharing and communication within and between organizations through any standard Web browser.
· Supports multiple databases including: Oracle, SQL Server, Access, dBase, Excel.
· Supports the following Web browsers: Netscape Navigator, and Internet Explorer.

Product Name	**_x9Atlas_**
Manufacturer	microDATA
Category	Crime Mapping
Contact	microDATA
Address	1015 US Route 5 St. Johnsbury, VT 05819
Phone	800-722-6663
Fax	802-748-5503
Email Address	sales@microdatagis.com
Web Site	http://www.microdatagis.com
GIS Platforms	ArcInfo or ArcView extension
Operating Platforms	Windows95/98/NT

- x9Atlas is an added feature to x9GIS that allows the user a guided, flexible, custom map-making application.
- It contains emergency service zone boundaries, road names, site addresses, and building symbology, use and classification including left/right relationships of addresses.
- Flexible printing allows addition of additional coverages, shape files, images, or other digital information.
- Part of the X-Solution suite provided by microDATA.

Product Name	**x9GIS**
Manufacturer	microDATA
Category	Crime Analysis/Mapping
Contact	microDATA
Address	1015 US Route 5 St. Johnsbury, VT 05819
Phone	800-722-6663
Fax	802-748-5503
Email Address	sales@microdatagis.com
Web Site	http://www.microdatagis.com
GIS Platforms	ArcInfo, ArcView
Operating Platforms	Windows NT 4.0/Digital UNIX

- Comprehensive E-911 management / GIS system that controls the development, maintenance, and quality control of E-911 data.
- Built as an extension of ESRI's ArcGIS, it includes a patented RAZ technology that ensures that your site points data has a proper relationship with your road centerlines.
- x9GIS works seemlessly with other components of micoData X-Solution suite whether it's exporting or importing data to analyze or update and offers an arreay of addressing utilities to maintian specific addressing standards.
- Absorbs all functionality of ArcMap.
- Allows the user to manage several 911 projects simultaneously.

Product Name	*xCAD*
Manufacturer	microDATA
Category	Emergency Management/Mapping
Contact	microDATA
Address	1015 US Route 5 St. Johnsbury, VT 05819
Phone	800-722-6663
Fax	802-748-5503
Email Address	sales@microdatagis.com
Web Site	http://www.microdatagis.com
GIS Platforms	ArcView extension
Operating Platforms	Various

- xCAD enables Computer-Aided Dispatch (CAD) events to display on the mapping soultion xTrakker as part of the X-Solution suite by microDATA.

Product Name	*xCrime*
Manufacturer	microDATA
Category	Crime Analysis/Mapping
Contact	microDATA
Address	1015 US Route 5 St. Johnsbury, VT 05819
Phone	800-722-6663
Fax	802-748-5503
Email Address	sales@microdatagis.com
Web Site	http://www.microdatagis.com
GIS Platforms	ArcView extension
Operating Platforms	Various

- A crime analysis tool that is an extension to xTrakker that enables predictive and "on the fly" crime analysis.
- Part of the X-Solution suite provided by microDATA.

Product Name	*XMap/GIS Editor*
Manufacturer	DeLorme
Category	Crime Mapping/Analysis
Contact	DeLorme
Address	Two DeLorme Drive P.O. Box 298, Yarmouth, ME 04096
Phone	800-561-5105
Fax	800-575-2244
Email Address	
Web Site	https://shop.delorme.com/OA_HTML/DEL
GIS Platforms	
Operating Platforms	Windows 98/00/Xp/Me

- XMAP is ideal for entry level GIS users who want to work with their own GIS data and with data import and automatic route calculation tools.
- Multiple base map datasets available including aerial imagery, topographic & street-level datasets.
- User can build GIS layers from scratch or import files common file formats or SQL queries to share infrastructure information.
- Includes advanced mapping and GPS navigation tools, web publishing features, and interoperability with ESRI and AutoCAD files.
- Compatible with DeLorme Earthmate GPS that can provides real-time tracking, playback log files or to collect points for asset tracking. This feature is also offered in a wirless blue-tooth form that can be enabled on either laptop PCs or PDSs.

Product Name	*xTrakker*
Manufacturer	microDATA
Category	Other - Incident Tracking Software
Contact	microDATA
Address	1015 US Route 5 St. Johnsbury, VT 05819
Phone	800-722-6663
Fax	802-748-5503
Email Address	sales@microdatagis.com
Web Site	http://www.microdatagis.com
GIS Platforms	ArcView extension
Operating Platforms	Various

- Provides a robust and flexible map display that automatically displays landline (ALI), Wireless Phase I & II calls, VoIPcalls, and tracks CAD incidents, responses, and resources (AVL). It seemlessly receives updates from the GIS maintenance solution.
- Part of the X-solution suite provided by microDATA.