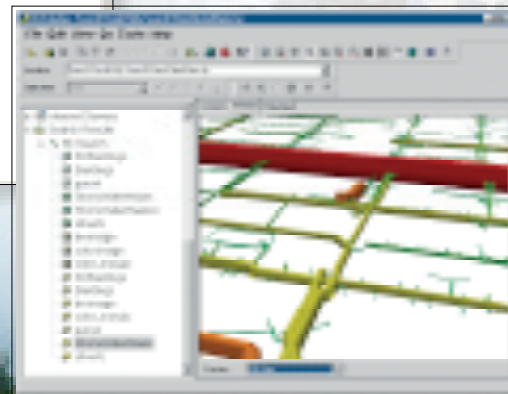
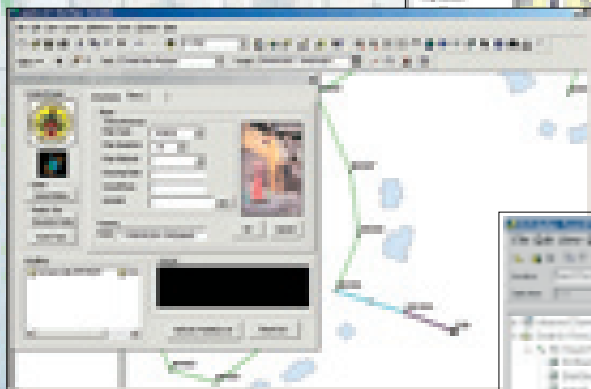
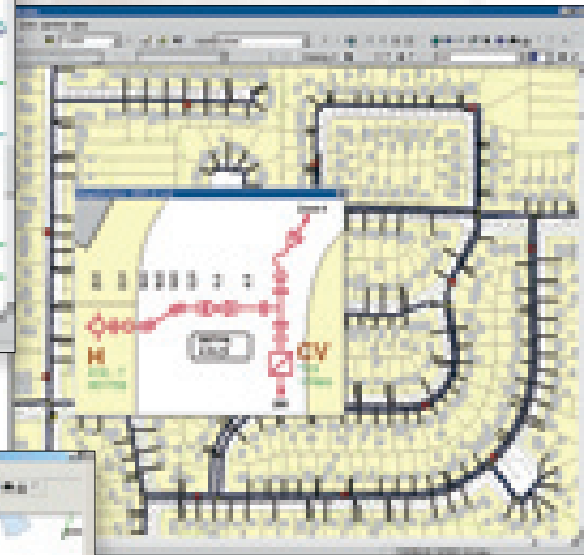
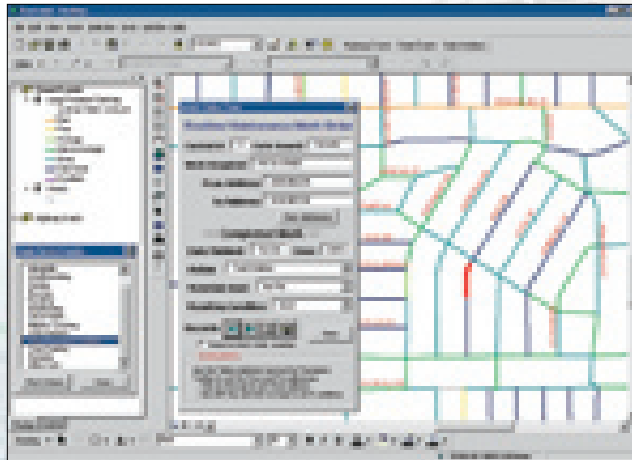


ESRI GIS Partner Solutions and Services for **Public Works**



Public works professionals are charged with maintaining infrastructure and critical services necessary to keep our cities and counties operating smoothly. Geographic information system (GIS) technology is a proven and versatile toolset that helps public works departments to maintain streets and sewers, keep traffic flowing, design utilities, dispose of waste, and protect the environment. These complex and crucial tasks require focused solutions that work within the context of the entire government enterprise. ESRI is committed to meeting this requirement and is fortunate to have one of the industry's strongest business partner communities—partners who also understand the unique needs of government and have developed solutions based on these needs. ESRI is pleased to present this catalog representing the best-of-breed solutions designed for public works departments.



Table of Contents

PARTNERS

Engineering/Public Works

@Last Software.....	3	GeoNorth, LLC.....	24	MoosePoint Technology, Inc.....	50
3M.....	3	GeoPrise.Net.....	25	Municipal Software Corporation.....	50
Accela, Inc.....	4	GeoSpatial Experts.....	27	Neighborhood America.....	51
AirPhotoUSA.....	5	Geo-SpatialSolutions, Inc.....	27	NewCom Technologies, Inc.....	51
Applied Geodetics, Inc.....	5	Geotech Computer Systems, Inc.....	28	Nobel Systems.....	52
Applied Geographics, Inc.....	6	GIS Data Resources, Inc.....	29	Orion Technology Inc.....	53
Azteca Systems.....	7	GISolutions, LLC.....	29	PBS&J.....	54
BAE Systems.....	7	GIS Workshop, Inc.....	29	Pro-West & Associates, Inc.....	54
BEM Systems, Inc.....	8	har*GIS LLC.....	32	ROK Technologies.....	55
Bentley Systems, Incorporated.....	9	Hummingbird.....	33	RouteSmart Technologies, Inc.....	56
Bergmann Associates.....	9	Hyland Software Inc.....	33	SANZ.....	56
Bowne Management Systems, Inc.....	10	ImageNet Venture LLC.....	34	Spacient Technologies, Inc.....	57
Bruce Harris & Associates, Inc.....	10	Impress Software Solutions, Inc.....	34	Spatial Data Integrations, Inc.....	57
CartêGraph Systems, Inc.....	11	InfiniTec Inc.....	35	Spatial Data Logic.....	58
The CEDRA Corporation.....	11	InfoGeographics, Inc.....	36	SPL WorldGroup, Inc.....	59
CompassCom.....	14	Information Builders.....	36	Tadpole Technology Group.....	59
CyberCity AG.....	15	IntraSearch, Inc., d/b/a MapMart.com.....	37	TBE Group Inc.....	60
Datastream.....	16	IT Nexus, Inc.....	38	TDC Group, Inc.....	62
DAT/EM Systems International.....	16	The Kenerson Group.....	39	Tele Atlas.....	63
The Davey Tree Expert Company.....	17	LandWorks, Inc.....	40	Tighe & Bond.....	63
DCSE.....	18	Latitude Geographics Group Ltd.....	41	Trimble.....	64
DHI.....	19	Leica Geosystems Geospatial Imaging.....	42	Urban Crossroads, Inc.....	64
EarthData Solutions.....	20	Management Results Inc.....	43	Vanasse Hangen Brustlin, Inc.....	65
Enterprise Information Solutions, Inc.....	21	MapLogic Corporation.....	43	Visual Learning Systems, Inc.....	66
Farallon Geographics, Inc.....	22	Marshall.....	44	VUEWorks Inc.....	67
Future Spec., L.L.C.....	22	Meteorlogix.....	46	Watershed Concepts.....	67
GeoAnalytics Inc.....	23	MetroWare.....	47		
Geonetics, Inc.....	23	Michael Baker Jr. Inc.....	48		



@Last Software

1433 Pearl Street, Suite 100
Boulder, CO 80302

Phone: 303-245-0086

Fax: 303-245-8562

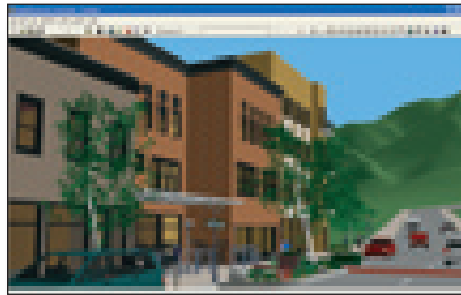
Web: www.sketchup.com

E-mail: chrisd@sketchup.com

Visualize 3D reality with SketchUp. Transform the 2D GIS world into a 3D virtual reality with SketchUp, the award-winning 3D modeling tool from @Last Software. SketchUp incorporates geographic information system (GIS) data, terrain data, digital photos, CAD information, and users' creative energies into its easy-to-use editing and visualization environment. With SketchUp, users can quickly create photorealistic buildings, massing models, street furniture, utilities, cars, trees, people, terrain, and anything 3D.

ArcGIS® 9.x users can download a free plug-in that converts GIS data into SketchUp data and vice versa—3D SketchUp data can now be stored in a geodatabase as a first-class GIS entity. Share 3D models across projects; visualize in ArcScene™ and ArcGlobe™.

SketchUp for Windows® and Mac® OS X is available in six languages. Support for using SketchUp files as 3D symbols is native in ArcGIS 9.1. A free trial version of SketchUp, a free plug-in for ArcGIS 9.x users, and more information can be found at www.sketchup.com.



3M

6801 River Place Boulevard
Austin, TX 78726-9000

Phone: 512-984-5248

Fax: 512-984-7268

Web: www.3m.com

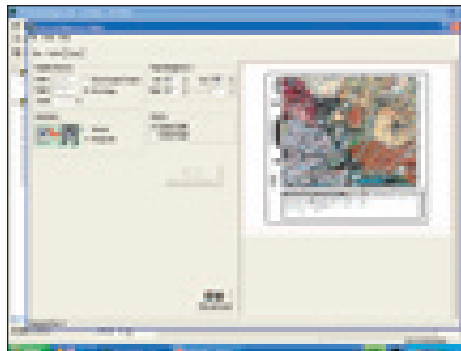
E-mail: gbschoulze@mmm.com

3M Print Software for Maps

For ArcGIS 8 and 9 users: introducing a new ArcGIS extension that prints large map files up to 16 gigabytes. 3M announces its new 3M Print Software for Maps—an innovative solution that gives users great printing performance, quality, and cost savings.

- Prints large map files (up to 16 gigabytes)
- Allows fast processing of large maps—simple to use
- Provides high-quality prints with consistent vibrant color
- Provides quick reprints with preview—PostScript level 3 RIP
- Works with wide-format ink-jet printers and desktop ink-jet and color laser printers

Visit www.3m.com/us/office/meetings/print_software for a 10-day trial or for more information or how to purchase.





Accela, Inc.

4160 Dublin Boulevard, Suite 128
Dublin, CA 94568

Phone: 925-560-6577

Fax: 925-560-6570

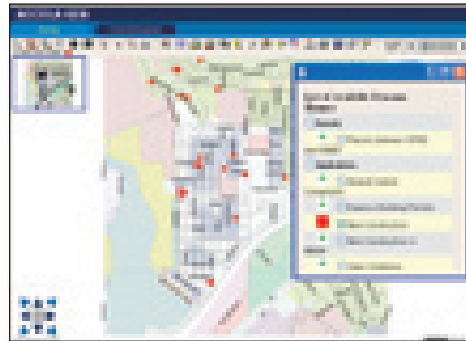
Web: www.accela.com

E-mail: lmyers@accela.com

Accela, Inc., has more than 25 years of experience developing enterprise software solutions that serve the unique needs of the public sector. Its solutions automate activities for asset management, emergency response, service request, permitting, planning, licensing, public works, and more.

Each of these solutions can be enhanced with Accela GIS™ to provide powerful visual analysis. Built on the ArcIMS® platform, Accela GIS seamlessly integrates with Accela solutions to provide automated geographic data analysis of all land-use, zoning, and infrastructure information associated with a parcel, permit, inspection, or plan.

- Create multiple map layers to view property, land-use, and zoning information as well as water, sewer, and electrical maps.
- Optimize time in the field by determining the best travel route for daily inspections.
- Create automatic alerts for processing applications based on zoning rules in any jurisdiction.
- Add new features to map layers quickly and easily to maintain up-to-date records.





AirPhotoUSA

7122 North 27th Avenue
Phoenix, AZ 85051

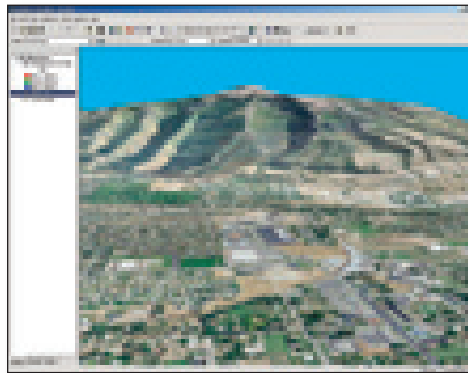
Phone: 602-864-3417

Fax: 602-864-3420

Web: www.airphotousa.com

E-mail: mary@airphotousa.com

Integrate seamless regional orthophotography coverage to ArcGIS projects with lightning speed. Enable an entire organization with on-demand access to vast areas of affordable, high-resolution aerial photography. AirPhotoUSA's exclusive PhotoMapper® and MapHandler® software, coupled with off-the-shelf and custom orthoimagery products, offer advantages in speed, accessibility, versatility, ease of use, and low cost in addition to a unique capability to extend the value of GIS data assets to a broader nontechnical user base. AirPhotoUSA's extensive U.S. archive of current, off-the-shelf, high-resolution, seamless, color orthoimagery is the largest offering available. The company also maintains the entire USGS image library as a seamless, enhanced national basemap offering the same innovative control as its PhotoMapper products. Custom projects for state and local governments are developed with a commitment to value and support for the collaborative process and delivered to specification, on time and on budget, utilizing AirPhotoUSA's exclusive technology and total in-house control.



Applied Geodetics, Inc.

201 West Cerritos Avenue
Anaheim, CA 92805

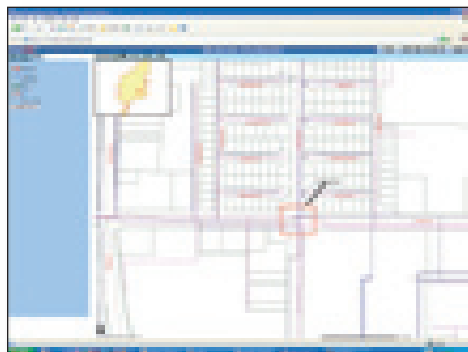
Phone: 714-520-5425

Fax: 714-520-5466

Web: www.appliedgeodetics.com

E-mail: nford@appliedgeodetics.com

Navior™, G.S.E., is a geographic search engine designed to retrieve documents and information based on geography as opposed to the more traditional, and often frustrating, keyword search in a tabular index. The user is able to select an area of interest on a map, then Navior will list all spatially indexed documents and information associated within the area. All georeferenced documents can then be displayed as an overlaid image on the map. Navior is open-platform software that is intended to be used in conjunction with a user's existing document management system. If the user does not have a document management system, then Navior provides a basic indexing form. Navior is optimal for use in small and local government public works departments to manage and maintain virtually any information that can be associated with an address or geographic location. Navior is available as NavNET1.0 in ESRI® ArcIMS and ESRI ArcView® 3.3.





Applied Geographics, Inc.

24 School Street, Suite 500
Boston, MA 02108

Phone: 617-259-2400

Fax: 617-259-1688

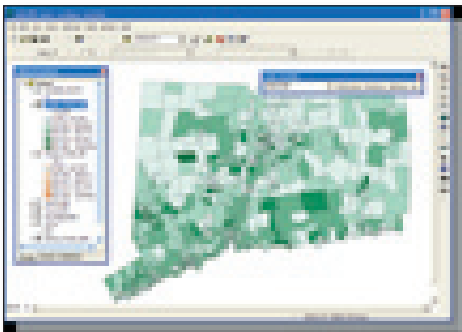
Web: www.appgeo.com

E-mail: sanderson@appgeo.com

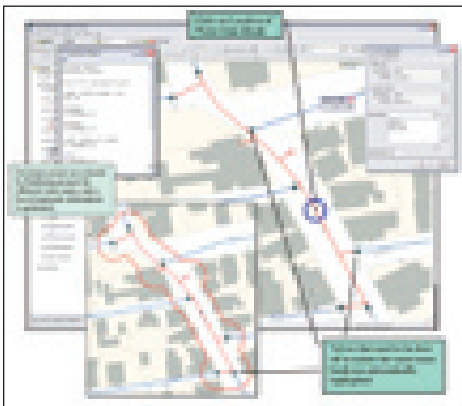
The **Abutters tool for ArcGIS** allows users to rapidly find any parcel or set of parcels and create a list of abutters based on adjacency or on a specified distance to the parcel. It is configurable to use point, line, or polygon feature types, and once the abutters are found, various output formats, including Microsoft® Word®, Excel, or standard Avery labels, can be generated by the user. Users are able to find a location based on a street address, parcel ID, or owner's name, then search based on a specified or predefined set of distances. The tool also handles condominiums that fall within the search distance. Users can easily modify the selection set and either add to or subtract from the set. Finally, the Abutters tool was designed for easy configuration and deployment in any setting ranging from single use to enterprise-wide GIS.

The **E-911 Fire and Rescue Dispatch Mapping Application** from Applied Geographics, Inc., is built using ESRI's ArcGIS suite of software to provide automated mapping and information display that meets the needs of E-911 fire and rescue dispatchers for immediate site information and response planning. The functionality of the application includes

- Direct connect to E-911
- Ability to find, add call, and add or modify incident location mapping
- Street address and number pick lists and predefined common location identifiers—bars, restaurants, hotels, public buildings, and landmarks—to speed up and reduce errors in finding a location
- Zoom, pan, and layer controls
- Tools for distance measurement (e.g., distance to closest three hydrants)
- Tool for dynamically moving a call location
- Information management and display functions for equipment dispatch, site contact, permits, evacuation plans, and so on



Built with ESRI's ArcObjects™ and running on ArcMap™ 9, Applied Geographics, Inc.'s **EpiGIS solution** streamlines the calculation and mapping of cancer and other disease rates. EpiGIS saves epidemiologists and public health professionals time while improving the accuracy of rate calculations and making more effective use of public health data. The user interface allows selection of time period, disease type, age, gender and race profiles, and geographic units—counties, towns, and tracts. Point or thematic (rate) maps and rate tables for statewide or local views are created and presented on-screen within seconds. EpiGIS calculates both indirect and direct rates and handles the mapping of 1990 census data onto 2000 census geography. EpiGIS supports multitime period, multidisease data mining, or ad hoc data queries. EpiGIS works with Oracle® or SQL Server databases and is customizable and scalable to the enterprise.



Applied Geographics, Inc.'s **ArcGIS Trace Tool** was developed using ArcObjects and runs on ArcGIS 9. The Trace Tool greatly simplifies water system valve isolation traces and customer notification of service disruptions. The user simply clicks on a water main (such as represented by a geometric network stored in a geodatabase) at the location of a break to initiate the analysis. The Trace Tool identifies the gate valves that need to be shut off to isolate this section of the system and creates a buffer around all water mains impacted by valve closures. The buffer automates the identification of affected customers, which can be represented by meter points, service connection lines, or parcels. Any customers within a user-defined buffer distance are included in a report with their contact and billing information. The combination of isolation and notification capabilities makes this an ideal application for routine and emergency response situations.



Azteca Systems

11075 South State Street, Suite 24
Sandy, UT 84070

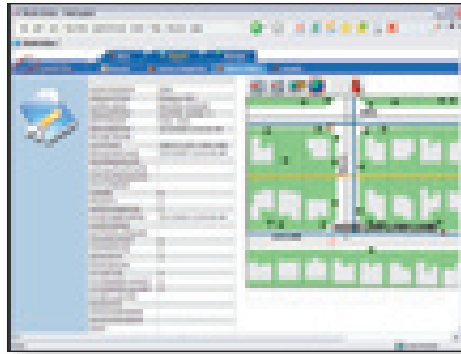
Phone: 801-523-2751

Fax: 801-523-3734

Web: www.azteca.com

E-mail: tpalizzi@azteca.com

Cityworks is a powerful, flexible, and affordable enterprise asset maintenance management system—the only solution that truly takes advantage of a GIS. Built exclusively on top of ESRI's leading GIS, Cityworks allows organizations interested in managing capital assets and infrastructure to inventory assets, issue and track service requests and work orders, and manage customer needs. Extensible and customizable, Cityworks provides a common user interface, together with industry-standard asset data models, to manage assets in the field, office, and warehouse. Based on open standards, users can easily access asset and maintenance data to support business processes and regulatory requirements. Proven technology from Azteca Systems, Cityworks is scalable across the enterprise, easy to use, and the first application certified by the National Association of GIS-Centric Software (NAGCS—www.nagcs.com). Cityworks works the way the agency works.



BAE SYSTEMS

BAE Systems

10920 Technology Place
San Diego, CA 92127

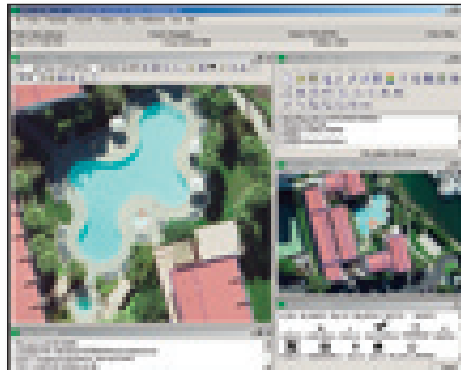
Phone: 858-675-1961

Fax: 858-592-5309

Web: www.baesystems.com

E-mail: carolyn.gordon@baesystems.com

SOCET for ArcGIS is a new module for SOCET SET® that adds a stereo digitizing capability to all levels of ArcGIS Desktop, allowing 3D information to be captured directly into 3D shapefiles as well as personal and enterprise geodatabases. Users who have tried this new product like its accuracy, versatility, and ease of use. It allows users to work with either the standard ArcGIS editing tools in stereo or to complement these with SOCET SET's own advanced tools. SOCET SET provides the underlying photogrammetry, ensuring that the most precise and accurate 3D measurements are made. Working directly in the ESRI environment removes the need for data conversion and brings the power of the geodatabase to 3D data collection including versioning, data modeling, and topology. SOCET for ArcGIS is ideal for organizations that want to create, edit, or 3D enable their GIS databases to the highest accuracy.





BEM Systems, Inc.

100 Passaic Avenue
Chatham, NJ 07928

Phone: 908-598-2600

Fax: 908-598-2622

Web: www.bemsys.com

E-mail: mkorpus@bemsys.com

BEMIS™ is a Web-based, GIS-enabled integrated management solution for tracking a broad range of environmental data and monitoring compliance with environmental standards. The BEMIS user can record, retrieve, and report analyses of water, soil, sediment, air, fish and other animal tissue, stream cross-sections, flora/fauna habitat, toxicity tests, field monitoring, and bioassessment results. High-level analyses can be performed within the program to evaluate analytical concentrations against regulatory standards and criteria. A GIS interface using ArcIMS enables screen display of locations. In addition, BEMIS implements the Army Corps of Engineers (ACE) Spatial Data Standard for Facilities, Infrastructure, and Environment data structure.

PAECETrak™ 4.0 is a Web-enabled application that allows agencies to efficiently manage the complex process of acquiring properties for transportation system rights-of-way. PAECETrak

- Includes a customized GIS browser that works with ArcIMS and provides integrated reporting capabilities
- Provides a platform to standardize acquisition activities across departments, consultants, and appraisal teams
- Tracks critical milestones and costs related to the acquisition of each parcel as well as the impact to the overall project schedule and budget
- Serves as a central repository of all project data, documents, photos, drawings, and maps that can be accessed by all stakeholders on the Internet or intranet in a secure manner
- Automates the production of standard form letters, transmittals, and reports needed to manage the acquisition process



Bentley Systems, Incorporated

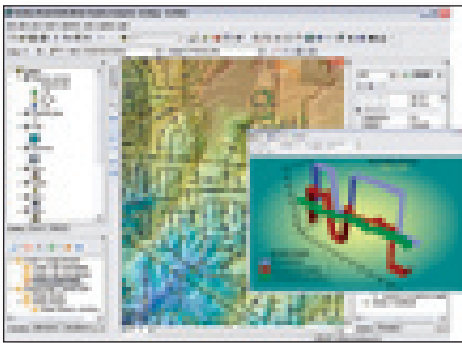
Haestad Methods Solution Center
27 Siemon Co. Drive, Suite 200W
Watertown, CT 06795

Phone: 203-755-1666

Fax: 203-597-1488

Web: www.bentley.com

E-mail: andres.gutierrez@bentley.com



WaterGEMS: Water Distribution Modeling and Management

The all-new ArcGIS integration of WaterGEMS provides water utilities and engineering firms with a comprehensive water distribution modeling solution that natively leverages ESRI's geodatabase architecture to guarantee a single dataset for modeling and GIS.

Engineers can create, edit, calculate, and visualize WaterGEMS models directly from ArcGIS Desktop with full access to every hydraulic modeling tool in addition to geoprocessing features that streamline the model-building process.

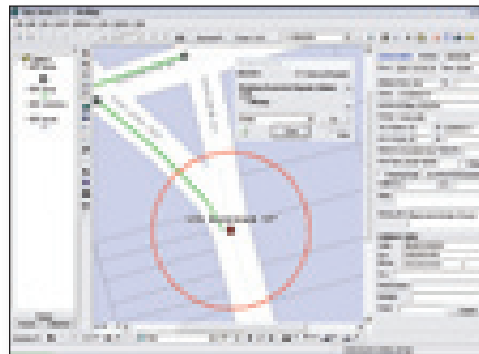
- Build complete modeling datasets using shapefiles, coverages, geodatabases, geometric networks, and ArcSDE® datasets.
- Allocate node demands using water consumption data from any point, line, or polygon feature.
- Automatically assign model elevations leveraging DEMs, TINs, elevation shapefiles or feature datasets, and 3D CAD drawings and surfaces.
- Reduce network complexity with smart geospatial skeletonization tools.
- Leverage state-of-the-art GA optimization modules for design, rehabilitation, and calibration.

SewerGEMS: Sanitary and Storm Sewer Modeling and Management

SewerGEMS is the first and only sewer modeling solution to combine a seamless ArcGIS interface; a dual dynamic calculation engine; and the ability to model sanitary, storm, and combined conveyance systems.

Two dynamic solvers are included in SewerGEMS for unprecedented flexibility. Users can run the latest EPA SWMM engine or SewerGEMS' own implicit solution for improved hydraulic accuracy and numerical robustness. With SewerGEMS, sewer utilities and engineering firms can

- Develop system master plans and optimize best management practice designs.
- Assess the impact of inflow and infiltration on SSO.
- Develop SSO and CSO remediation programs.
- Perform system evaluations associated with U.S. EPA CMOM and NPDES.



Bergmann Associates

Waterfront Village Center
40 La Riviere Drive
Buffalo, NY 14202

Phone: 716-852-3211, ext. 227

Fax: 716-852-1767

Web: www.bergmannpc.com

E-mail: jschoenberg@bergmannpc.com

When calling a Call Before You Dig toll-free number, crucial time is provided to the utility owners (gas, water, electric, etc.) for staking/marketing out their underground lines prior to an excavation project. Dig-Smart, a revolutionary NAGCS-certified extension to ArcGIS Desktop, allows utility owners to interface with each Call Before You Dig request (aka ticket) using the geodatabase. Dig-Smart communicates electronically with the Call Before You Dig state or regional one-call center and locates all excavation requests automatically using geocoding. As utility owners, whether public or private, users have invested in the power of mapping and databases for operations and management. Using Dig-Smart, users can extend their investment into managing and locating tickets to complete the Call Before You Dig requirement.



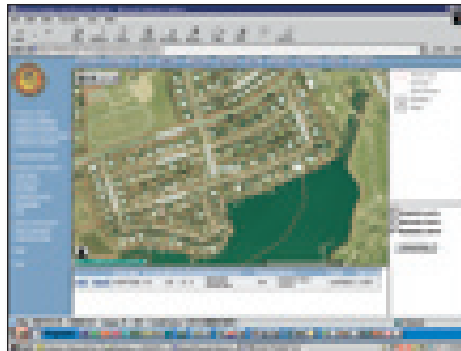
Bowne Management Systems, Inc.

235 East Jericho Turnpike
Mineola, NY 11501

Phone: 516-746-2350
Fax: 516-747-1396
Web: www.bownegroup.com
E-mail: jsiskind@bownegroup.com

Bowne Management Systems, Inc. (BMS), is a leading integrator of IT and GIS and provider of ESRI software solutions for state and local government clients throughout the United States. The company's "ESRI Solutions Group" has extensive experience in the installation and implementation of complex GIS environments consisting of ArcGIS Desktop, ArcSDE, and ArcIMS. Members of this team have installed and used ESRI products with various versions of Oracle and SQL Server on both Windows and UNIX platforms. BMS has also successfully addressed the needs of many clients to upgrade existing versions of ESRI software and underlying databases. The company has implemented systems for its clients, utilizing such technologies as storage area networks, network attached storage, clustering, and load balancing to achieve the highest levels of performance.

An ESRI business partner since 1999, BMS was named 2005 ESRI Foundation Partner as well as Northeast Regional Business Partner of the Year in 2000.

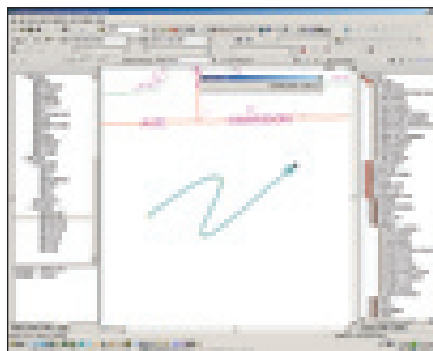


Bruce Harris & Associates, Inc.

21 North River Street
Batavia, IL 60510

Phone: 630-761-0951
Fax: 630-761-0952
Web: www.bruceharris.com
E-mail: scott@bruceharris.com

Bruce Harris & Associates, Inc., has developed various custom applications to complement the ESRI suite of GIS software. With a core business focusing on parcel mapping and maintenance, the company has developed many specific tools for detailed parcel maintenance including annotation/symbol placement and layer management. In addition, its staff is well versed in geodatabase design for parcel mapping. All software solutions and geodatabase models strive to take advantage of the latest technology ESRI offers.





CarteGraph Systems, Inc.

3600 Digital Drive
Dubuque, IA 52003

Phone: 563-556-8120

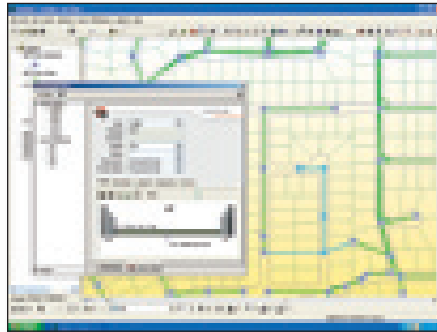
Fax: 563-556-8149

Web: www.cartegraph.com

E-mail: info@cartegraph.com

CarteGraph Systems, Inc., provides a GIS-centric software solution for the management of infrastructure assets, work orders, and service requests within a community. Use CarteGraph software to manage work orders, service requests, pavements, sanitary sewers, storm sewers, water networks, signs, signals, pavement markings, lights, trees, and parks. CarteGraph software contains an effective reporting tool to justify the quantities, percentages, costs, and impacts of managing infrastructure assets. CarteGraph software helps users make better decisions and ultimately improves productivity, efficiency, and quality within state or local government.

CarteGraph software is currently used worldwide by public works and professionals in small towns, large cities, counties, state and federal agencies, and private firms.



The CEDRA Corporation

65 West Broad Street
Rochester, NY 14614

Phone: 585-232-6998

Fax: 585-262-2042

Web: www.cedra.com

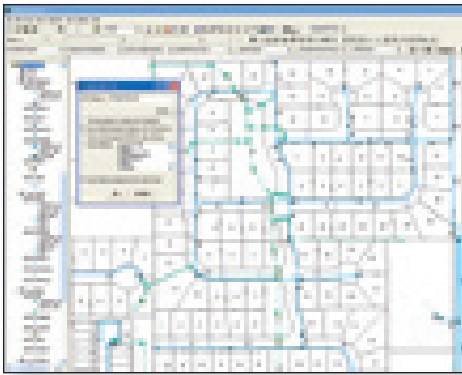
E-mail: cedra@cedra.com

CEDRA-DxfExport™ is an extension to all versions of ArcGIS Desktop and ArcView. It enables the user to create an AutoCAD Drawing Interchange File (DXF file) for all visible features in the current map. Unlike other DXF export utilities, which process only one theme (layer) at a time, the CEDRA-DxfExport software processes all visible themes (shapefiles, personal geodatabases, enterprise geodatabases, and coverages). In addition, the CEDRA DxfExport software will process annotation features and graphic text elements. As such, a DXF file created by CEDRA-DxfExport can include features and text.

In processing the visible feature and annotation layers in the map, note the following:

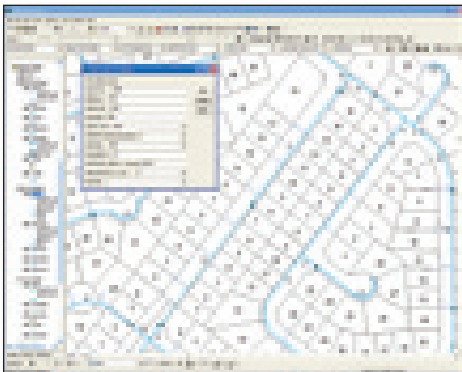
- If a theme has selected features, then only the selected features will be processed; if there are no selected features, then all features in the theme will be processed. If the option Export Features displayed in the Current Extent is selected, then all visible features in the current view will be exported regardless of the feature's selection state.
- If there are selected marker, pen, fill, and/or text graphic elements, then these graphic elements can be processed and placed in separate layers in the DXF file.
- The name of the theme will serve as the name of a layer in the DXF file.
- The user has the ability to select one or more attributes from a theme for inclusion in the DXF file. When exporting attributes, the selected attributes will appear as blocks in the DXF file.

CEDRA-DataEditor™ is an extension to all versions of ArcGIS Desktop and ArcView. It facilitates the editing of feature attribute data and is an ideal tool for those involved with facility maintenance and/or data capture applications or for those who want to enhance ArcView software's native table editing functionality.



The user creates an ASCII-based file, referred to as the Theme Attribute Data file, that contains desired attribute labels and default values or equations for each attribute within a theme to be edited. There is no limit to the number of attributes or themes that can be specified. It is possible for a feature to have

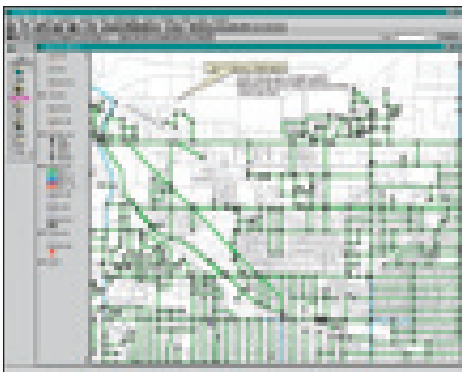
- All its attributes stored in the theme's attribute table.
- Some of its attributes stored in the theme's attribute table and others stored in an unlimited number of associated tables. When the user selects a feature for editing, a customized dialog box is displayed with the specified attribute labels and default values. An attribute's default value may be a specific value or may be computed as the feature's area or perimeter. Ranges of allowable numeric attribute values, as well as attribute drop-down lists, may be specified.



CEDRA-AVwater™ is an extension to all versions of ArcGIS Desktop and ArcView. It enables the engineer to define the geometric configuration of a water distribution network, establish the materials inventory, introduce supply and demand loads, perform analyses, and display pertinent results in graphic and/or tabular format in US or SI units. Storage tanks, pressure regulating, sustaining and open/close valves, pumps, meters, and so on, can be included in the model. CEDRA-AVwater interfaces with the KYPIPE™ and EPANET (Versions 1 and 2) modelers.

Some of the functionality includes

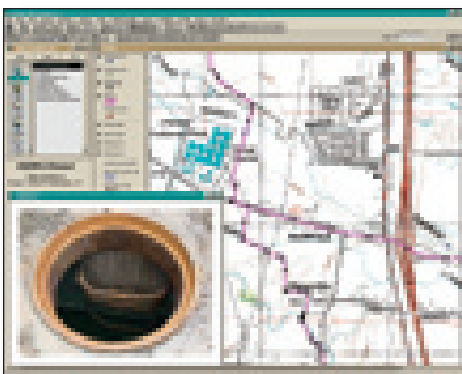
- Definition of the model's geometry interactively or by importation of existing EPANET, KYPIPE, or Cybernet models or model data in a variety of file formats
- Introduction of inflows, outflows, and fire flow loads with direct rates, land parcels, and/or building footprints
- Database query and editing of hydraulic computational results, inventory features, and operational and historic data
- Static and extended period simulation for up to 10,000 pipes (KYPIPE) or unlimited pipes (EPANET)
- Graphic display and/or hydraulic and quality charts and tables, conduit and energy grade line profiles, pressure, grade line, flow and velocity contours, flow direction arrows, and annotation of pipes and nodes

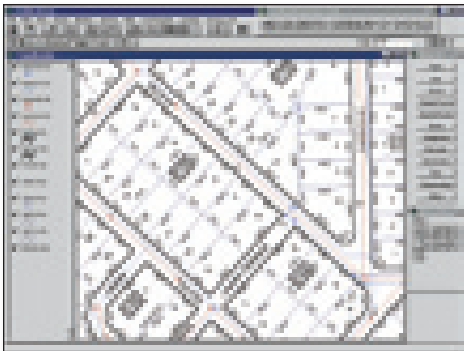
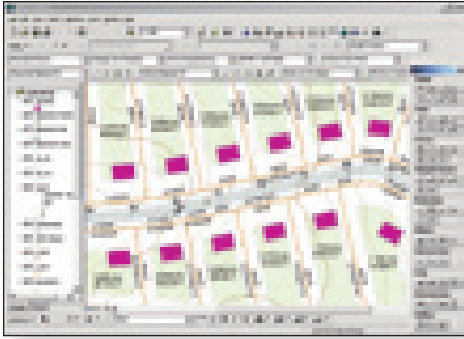
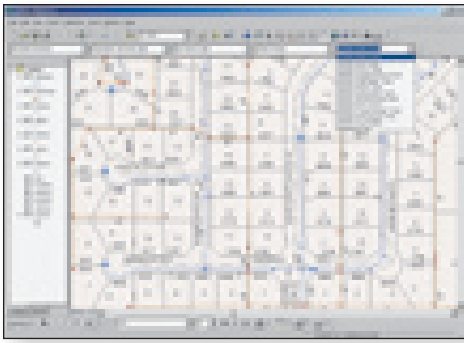


CEDRA-AVsand™ is an extension to all versions of ArcGIS Desktop and ArcView. It enables the engineer to create the geometric model of a storm water, wastewater, or combined system and impose associated loads, applying custom peaking factors to average daily contributions in US or SI units. Open channel and closed conduit flows may be computed, system adequacy determined, flow hydrographs generated, and stage-storage curves developed. More than 30 built-in conduit shapes are available and custom shapes may be defined. Static, dynamic, and backwater analyses with one of the available modelers, CEDRA-AVsand or EPA SWMM (Versions 4.31 and 4.4h), are also available.

Some of the functionality includes

- Defining the model's geometry interactively or importing model data in a variety of file formats
- Introducing loads with direct flow rates, inflow hydrographs, land parcels, and/or building footprints
- Database query and editing of hydraulic computational results, inventory features, and operational and historic data
- Interactive editing of node and pipe attributes and inflow hydrographs
- Interactive editing of inflow hydrographs individually or application of an equation to alter the flows en masse
- Introducing siphons, diversions, parallel pipes, and loops
- Displaying hydraulic charts and tables, flow hydrographs, conduit and energy grade line profiles, and annotation of pipes and nodes with physical and computational data



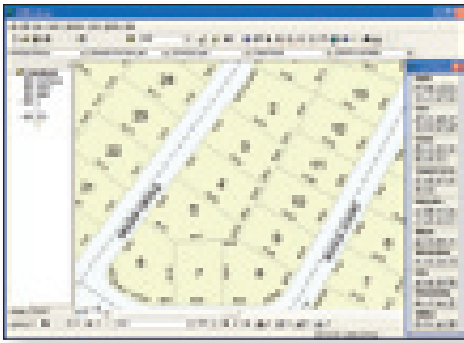


CEDRA-AVparcel™ is an extension to all versions of ArcGIS Desktop and ArcView. It enables the user to create, edit, and manage three-dimensional (high-rise condominiums) topological polygons of parcels for tax (cadastral) mapping, parcel maintenance, and other applications that involve the manipulation of polygons and/or boundary information. All functionality of CEDRA-AVcad™ and CEDRA-DataEditor is included. Functionality includes, but is not limited to

- Geometric layout of parcel corner and circular and spiral curvature points, boundary sides, polygons, multicourse tie lines, and automatic determination of centroids and areas in State Plane, UTM, latitudes/longitudes, and so forth, coordinates
- Polygon creation within a quadrilateral's rows and columns (aliquots) and autosearch (tracing) of lines
- Creation of parcel ownership, political boundary and various types of districts, and support of associated tables
- Maintenance of computational and deed record attributes
- Mass conversion of polygon parcels
- Database query and editing and parcel location by number and area range
- Polygon splitting and joining and editing of vertices
- Customization of parcel attributes, topological data structure, and PINs
- Customized templates for map preparation for mass annotation of parcel metes and bounds, PINs, and areas and centroids

CEDRA-AVland™ is an extension to all versions of ArcGIS Desktop and ArcView. It provides the engineer functionality to perform surveying, COGO, contouring, traverse adjustments, stakeout, road design, earthwork, tax mapping, and site modeling applications in an environment that integrates civil engineering and GIS. CEDRA-AVland offers the engineer the ability to take a project from field collection to design, construction, and facility maintenance. All functionality of CEDRA-AVcad and CEDRA-DataEditor is included. Functionality includes, but is not limited to

- Definition of an unlimited number of roadway design criteria
- Design of an unlimited number of
 - Horizontal alignments with circular and/or spiral curves
 - Vertical alignments
- Generating en masse
 - Stationing annotation
 - Profile annotation
 - Horizontal curve tables
 - Vertical curve tables
- Use of a variety of COGO tools for
 - General geometric design
 - Automatic lot generation
 - Building envelope creation
 - Random points/odd stations
 - Draft or import of typical roadway sections and transition links
- Generating based on design criteria
 - Pavement ribbons
 - Right-of-way features
 - Cul-de-sacs and turnarounds
- Generation of fully annotated cross-sections and planning and profiling drawings
- Generation of contours from random points and/or cross-sectional data and interfacing with ESRI's 3D Analyst™
- Stripping or extracting of cross-sections and profiles from contour strings and/or 3D polygons
- Computation of earthwork with the option of creating a formal report and/or including quantities on cross-sectional drawings



CEDRA-AVcogo™ is an extension to all versions of ArcGIS Desktop and ArcView. It provides all the functionality of the CEDRA-AVcad and CEDRA-DataEditor extensions in addition to a multitude of geometric commands to assist in the creation and editing of points, lines, curves, and polygons including intersections, tangencies, projections, and other geometric operations. In all, more than 150 commands are available to the user for creating and editing geometric and text features.

This extension is of particular interest to those involved in the building of basemaps in which geometric command flexibility is desired in establishing precise geometric configurations of existing or new features and to those in general desiring an extensive suite of commands to solve geometric problems. A three-dimensional database is supported.

CEDRA-AVcad is an extension to all versions of ArcGIS Desktop and ArcView. It provides more than 100 menu, button, and tool commands for creating and editing point, line, polyline, polygon, and curve features and text strings in a CAD-like environment. Because of its robustness, CEDRA-AVcad can be thought of as a "lite" COGO or parcel mapping product. Functionality includes, but is not limited to

- Point snapping across visible themes and control snapping tolerance
- Working in feet, meters, or varas and bearings, azimuths, or Cartesian directions
- Creating tangents, projections, and offset features and intersecting lines, curves, and polygons
- Transforming features from one coordinate system into another
- Translating, rotating, scaling, and/or stretching groups of features
- Deed transcription with or without tie lines and adjustment of parcels and traverses by the compass or transit rules and Crandall or least squares methods
- Subdividing quadrilaterals into rows and columns as in aliquots
- Creating irregular buffer zones and ring/sector polygons emanating from a point
- Mass annotating point, line, curve, and polygon features
- Mass importing points, lines, curves, and polygons from various ASCII file formats



CompassCom

6770 South Dawson Circle, Suite 100
Centennial, CO 80112-4224

Phone: 303-680-3221

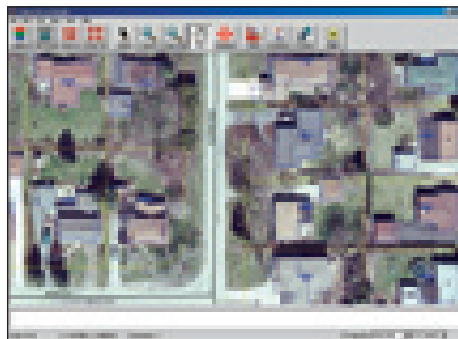
Fax: 303-766-2488

Web: www.compasscom.com

E-mail: rcjarrell@compasscom.com

CompassLDE makes GIS move. It is the most robust, flexible, and accessible mobile asset tracking software available in the market today—providing for a nearly limitless number of simultaneous users to view their assets in real time. CompassLDE was selected by ESRI as the data link engine to Tracking Server because it allows seamless interoperability with nearly any GPS messaging unit and communications network—at message rates of 20,000 per second.

CompassLDE is an open architecture environment, with a published API allowing easy development of third-party client and browser-based viewer development. Beyond vehicles, CompassLDE supports mobile and static sensor data transport—chemical/biological, RFID—for display on any ESRI shapefile format GIS, commercially developed or homegrown. Through its application of TCP/IP, UDP, and XML standards, CompassLDE can serve information to nearly any imaginable device—PDA, mobile phone, status head, or in-vehicle terminal—delivering actionable information to the point of decision.





CyberCity AG

Schaffhauserstrasse 481 P.O. Box
CH 8052
Zurich, Switzerland

Phone: 0041-44-300-13-44

Fax: 0041-44-305-77-00

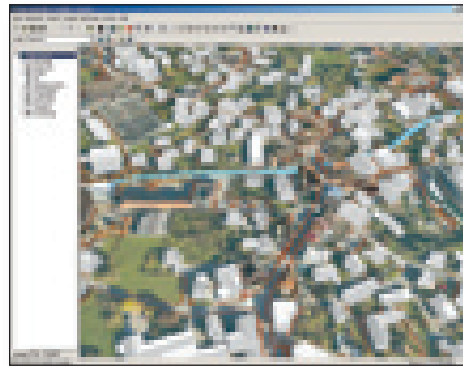
Web: www.cybercity.tv

E-mail: kulm@cybercity.tv

Map2day.at is a Web-based 3D GIS service that provides user interaction between a 2D city map, 3D visualization, and query-based information. As a marketing tool, it allows organizations to present their services and products via the Internet and shows their physical location in the 2D and 3D city map. The solution supports the selection by category or group based on a GIS database, area/distance measurement capabilities, and the change between 12 languages. The relation between the 2D map and the free navigation 3D visualization is updated dynamically. The virtual reality-based 3D environment consists of high-resolution imagery, digital terrain models, and 3D city models. Map2day.at was developed by CyberCity AG, Forest Mapping Management GmbH, and ViewTec AG and was honored with an ESRI Map Gallery award in the category "Best Software Integration Map" at the 2004 ESRI International User Conference in San Diego, California.

Reality-based 3D city models are generated from aerial imagery or lidar data using semiautomatic feature extraction. CyberCity-Modeler drives the 3D building database generation using its sophisticated Point Cloud Coding System for stereo measurement and highly efficient automatic facade/roof texturing from aerial imagery. Specific functionality for geometric regularization and the generation of overhanging eaves using 2D building outlines from existing GIS systems enables CyberCity-Modeler to meet the myriad of user requirements.

The accurate and detailed 3D city models can be exported with a user-friendly interface with options for data export to shapefile or personal geodatabase or via ArcSDE into a commercial database management system (DBMS). Large-scale building databases can be displayed and analyzed using ArcGIS tools such as ArcGIS 3D Analyst, thus integrating accurate 3D building models in GIS.





Datastream

50 Datastream Plaza
Greenville, SC 29605

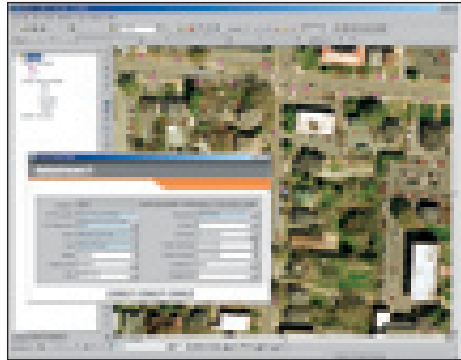
Phone: 864-422-5001

Fax: 864-422-5000

Web: www.datastream.net

E-mail: marty.osborn@datastream.net

Datastream 7i is an enterprise asset management solution designed to help municipalities improve the performance and tracking of their assets. Integrating ESRI's GIS software with Datastream 7i gives municipalities a unique advantage in the way they track, locate, and manage assets by making the critical functionality they need easily accessible. In addition, seamless Datastream 7i and GIS integration creates a consolidated view of operations and increases information availability across the organization.



DAT/EM Systems International

8240 Sandlewood Place, Suite 101
Anchorage, AK 99507-3112

Phone: 907-522-3681

Fax: 907-522-6388

Web: www.datem.com

E-mail: wilster@datem.com

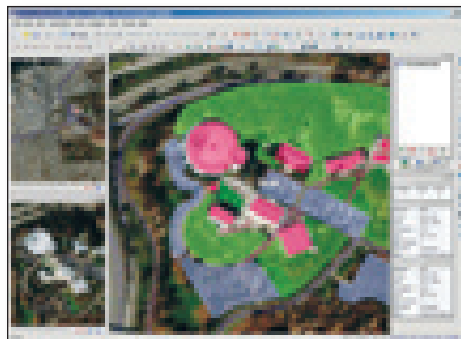
Stereo Capture collects 3D image features directly from the DAT/EM Summit Evolution stereoplotter into ArcGIS Desktop. Compatible ArcGIS modules are ArcView, ArcEditor™, and ArcInfo®.

In addition to digitizing new features, Stereo Capture offers the ability to check coordinate accuracy of existing 3D data. A feature is correct if its superimposed vectors appear on the ground in the stereo image view. Corrections can be made using Stereo Capture's 3D editing tools.

Software features include

- Real-time panning and zooming in a stereo view
- 3D digitizing and editing directly into ArcMap
- ArcGIS data superimposed onto stereo imagery
- 3D digitizing tools
- 3D editing tools
- A tool to convert 2D shapefiles and feature classes to 3D
- Automatic field updates

DAT/EM Systems International, an Alaska-based company with a worldwide client base, has developed photogrammetric software since 1985. As a leading provider of photogrammetric products and services, DAT/EM specializes in 3D data collection with its digital stereoplotter, Summit Evolution.





The Davey Tree Expert Company

1500 North Mantua Street
Kent, OH 44240

Phone: 800-828-8312

Fax: 330-673-0860

Web: www.davey.com

E-mail: mbinkley@davey.com

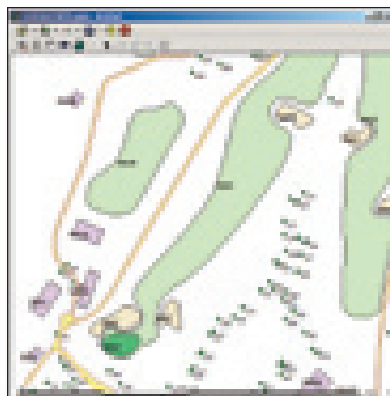
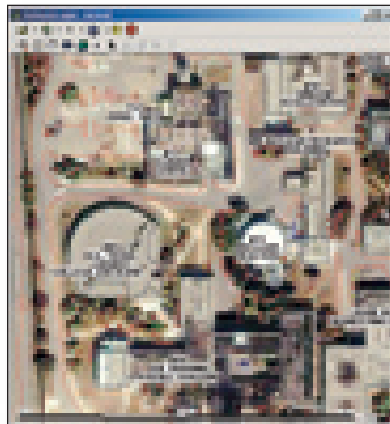
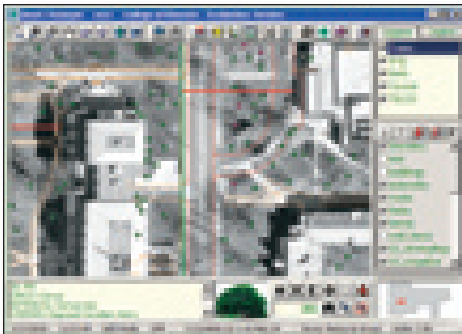
ArcPad Custom Data Collection Software

The Davey Tree Expert Company has leveraged the ability of ESRI's ArcPad® software to run on multiple hardware platforms to meet a wide variety of field data collection needs. Its data collection software runs on Pocket PCs, pen tablets, and laptops for maximum flexibility.

All the standard features of ArcPad are available such as GPS connectivity and StreetMap™ data as well as Davey's custom data capture tools and data input form. The capture tools allow geographic features to be sketched as points, lines, or polygons with any number of attributes. The data input form is constructed with an eye toward efficiency and includes verification functions for data integrity.

Asset Manager v4

A simple low-cost solution, this map-based management software enables the user to organize, collect, process, and manage field information such as trees, signs, beds, and irrigation lines. Built using MapObjects® and Visual Basic, Davey's Asset Manager software uses geographic information system technology to display and manage geographically referenced inventories and is specifically designed for ease of use. Asset data is stored in ESRI shapefile format to provide a wide range of capabilities. The application provides standard navigation functions, and assets are manipulated directly on the map with a tailored input form to add and edit feature attributes. Attribute tables can be easily searched and sorted to geographically map data and user-specified criteria. This allows users to easily update and reference assets that are stored in the software. Davey utilizes the latest technology to ensure that operations work efficiently and allow users to access important information as needed.

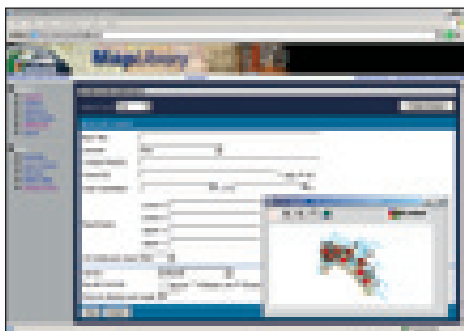
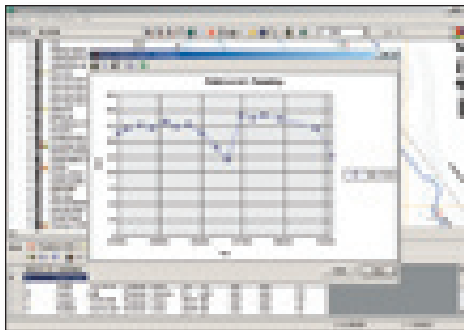
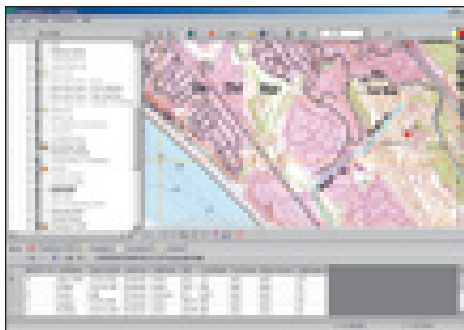




DCSE

95 Argonaut, Suite 260
Aliso Viejo, CA 92656

Phone: 949-465-3400
Fax: 949-586-8141
Web: www.dcse.com
E-mail: mmaleki@dcse.com



WebMapplet allows an enterprise to leverage its investment in Mapplet.NET by providing map and data access to users using HTML-based viewers. This includes users of map-based Web sites or in-house enterprise users with minimal training. Using Mapplet.NET, specific profiles may be created to address the viewing, mapping, querying, and reporting requirements of a group. For example, a WebMapplet HTML site may be set up in a few minutes to view and query parcel data and to generate a report for the selected parcels using a public Mapplet.NET profile. WebMapplet does not require any software to be installed on the user's desktop. HTML pages created using WebMapplet may be embedded into any other Web site in the intranet/Internet to provide a simple view using the back end technology used with Mapplet.NET and the related ESRI ArcIMS software.

Mapplet.NET is a feature-rich COTS alternative to development of custom Web sites using ArcIMS. The strength of Mapplet.NET resides in the richness of the mapping content (provided by ArcIMS) and the versatility of accessing different types of data including static, time series, and multimedia data using GIS. Mapplet.NET enables users across the enterprise to gain access to customer service, field operations, engineering, finance, and other types of data easily and efficiently. Mapplet.NET is highly customizable by administrators and individual users and offers a unique experience to enterprise users to collaborate over GIS maps. Mapplet.NET comes with a user-friendly charting/graphing component that allows users to create useful graphs of the data linked to the data mart and discovered through the GIS interface. It also comes with a map annotation tool, allowing users to create their own map layouts for inclusion into a document or presentation.

MapLibrary allows GIS users and service organizations to store and track scanned engineering documents such as thematic maps. Their customers can, in turn, geographically search the library using Mapplet (an ArcIMS client) and retrieve digital copies of the information stored for future reprinting or incorporation into other documents. MapLibrary includes a Web-based administrator interface for customizing the metadata stored with the documents for future search and display purposes. MapLibrary can save hours that would otherwise be necessary to regenerate lost or hard-to-locate digital documents and maps. MapLibrary is an ideal solution for storage of maps, as-builts, engineering drawings, well logs, or any type of spatially locatable documents.

Field Mapplet manages task workflows that have both an office and field component. Field Mapplet/USA is an instance of Field Mapplet having the specific workflow, forms, and data management configuration required for underground service alerts (USAs). The office client (Console) and field client are spatially enabled. Spatial services assist the Console in automatic processing of task requests (geocode request, proximity to facilities) and in assignment of task requests to field personnel. Spatial services assist the field client with location and navigation, replacing street guides. Full GIS capability eliminates the need for the facilities atlas. Electronic as-built drawings may be integrated, making the field client a fully self-contained information source for field personnel. Redline management is considered an auxiliary task. The field client facilitates the capture of redlines. These are submitted to the Console and enter the redline workflow. Field Mapplet provides an optimal framework for spatially enabled task management.



DHI

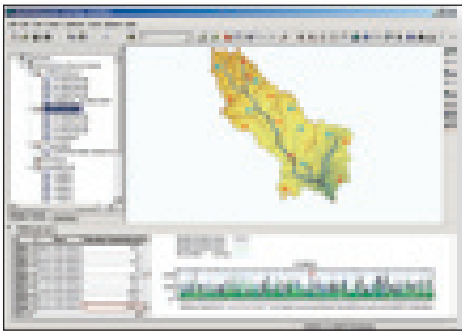
319 SW Washington, Suite 614
Portland, OR 97204

Phone: 503-827-5900

Fax: 503-827-5905

Web: www.dhi.dk

E-mail: mjb@dhi.us

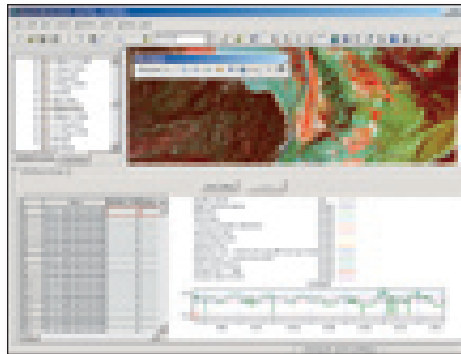


MIKE URBAN is a complete urban water modeling system. It combines the ArcGIS functionality with widely accepted simulation engines for sewers and water networks. It provides powerful and convenient tools for importing, analyzing, and visualizing data. MIKE URBAN's Model Manager provides capability for network data management, ArcGIS visualization, storm water and sewer modeling, and water distribution modeling.

MIKE BASIN is a versatile, ArcGIS software-based decision support tool for integrated water resources management and planning. It provides a powerful framework for managers and stakeholders to address multisectoral allocation and environmental issues in river basins.

Temporal Analyst brings time series data management directly into ArcGIS. It is a unique and powerful ArcGIS extension for efficient storage, management, processing, plotting, and analysis of time-related data.

MIKE MARINE GIS is a suite of new ArcGIS software-based tools for coastal and marine applications. It provides access to marine model results and other marine feature types.





EarthData Solutions

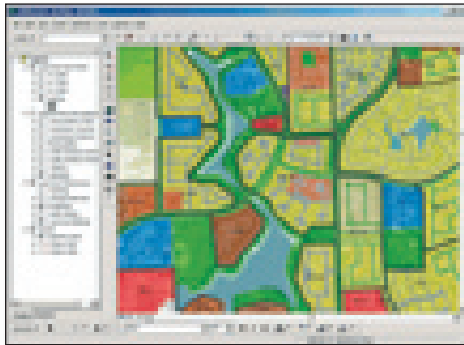
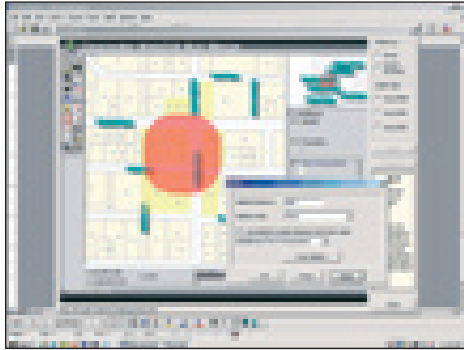
900 South Goldenrod Road, Suite D
Orlando, FL 32822

Phone: 407-207-1094

Fax: 407-207-1189

Web: www.earthdata.com

E-mail: mroche@earthdata.com



EarthData Solutions' Land-Use Maintenance Application (LUMA) provides state and local government agencies with an efficient and secure way to update GIS land-use layers. Instead of editing original land-use layers, operators draft copies of changes on a separate layer. Most often, the geometry of changes is created by copying and pasting features from other basemap layers, saving substantial time. Changes are then inserted into the land-use layer by an automated procedure, with or without supervision. Users can track land-use change over time using versioning; one click on a given date retrieves the corresponding land-use information. An online analytical processing cube add-on allows users to explore the multidimensional relationships between land-use layers and all other administrative/statistical areas, providing users with powerful analytic and reporting capabilities. LUMA is an extension to ArcGIS Desktop and requires ArcEditor or ArcInfo.

Spatial Mail-Merge Tool

EarthData's Spatial Mail-Merge Tool allows nontechnical users to create geographically targeted mailing labels from within Microsoft Word. Built using ArcIMS and optionally ArcSDE, the application automates the list generation process so that labels are created within a matter of seconds by simply selecting a targeted geographic area from a pop-up window in Word. The selection process can utilize any combination of spatial selection tools available in the ArcIMS Java Viewer. Additional attribute filtering is also available including police district areas, zoning codes, ZIP Codes, and so on. Since ArcIMS viewer runs within Word, the application further maximizes productivity by keeping software licensing costs to a minimum. On-site customization for the software is required.

EarthData's **SIMmetry** provides an easy-to-use, Web-based approach to spatial information management. By integrating spatial and tabular data with intelligent and highly accurate 2D maps and 3D building and infrastructure models, SIMmetry enables users from a wide range of industries to navigate and understand complex, object-specific datasets. Key system applications include

- Real-time data display
- 3D mapping and visualization
- Interactive time series analysis
- Situational awareness
- Building and object identification

SIMmetry utilizes core ESRI software including ArcGIS Server and ArcGIS 3D Analyst and was designed with a fully open architecture to allow users to aggregate, integrate, and dynamically display information from disparate sources. The system has a flexible workspace with multiple viewing windows and allows data to be seen through different viewing angles and zoom levels. Businesses and agencies that need to navigate and understand complex, object-specific datasets benefit from the level of precision and automation provided by SIMmetry.



Enterprise Information Solutions, Inc.

9891 Broken Land Parkway, Suite 300
Columbia, MD 21046

Phone: 410-381-7898
Fax: 410-381-7835
Web: www.enterinfo.com
E-mail: lswift@enterinfo.com

EnterRoadInfo is a powerful mobile asset system for tracking and managing roadside assets. EnterRoadInfo integrates GIS/GPS/DMI, an inertial navigation device, and digital imaging technologies to provide a high-efficiency asset solution.

EnterRoadInfo is fully GIS integrated, providing read/write capability for the user's existing datasets. Using mouse clicks on images and a configurable interface, georeferenced records and ArcGIS objects are created. The configurable data output can match records with the database setting for easy data integration. A Web module distributes the captured images without additional processing.

EnterRoadInfo is ideal for collecting data about signs, guardrails, fire hydrants, pavement conditions, trees, utility structures, bridges, traffic control devices, lighting structures, and so forth. The system supports multiple cameras to produce continuous forward images and/or lateral shots for panoramic viewing.

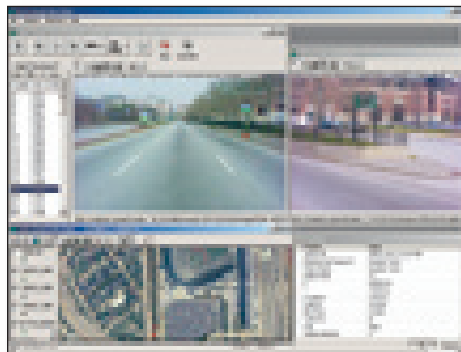
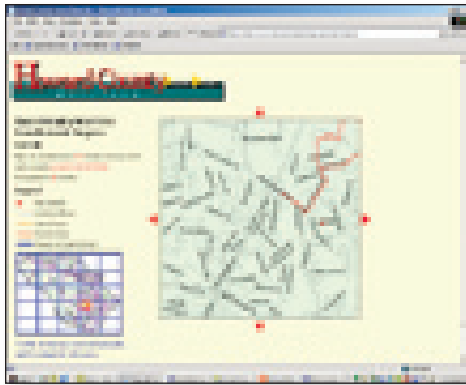
EnterRoadInfo provides the capabilities of traditional video log systems at a fraction of the cost. It is a user-friendly system that requires minimal training to operate.

SnowplowTracker: Plow locations, road treatment progress/completion percentages, dispatching control, manpower balancing, and field problem detection are important elements for a successful winter storm operation center. Enterprise Information Solutions, Inc.'s SnowplowTracker provides this information in real time.

SnowplowTracker integrates ESRI GIS with an AVL device, wireless modems, GPS, and plow operation sensors. The system uses ArcSDE, ArcIMS, and MapObjects in the back end to produce intranet/Internet maps and reports for snowplow management and/or general public access.

In addition to displaying vehicle locations on a map or in a report, the system shows road treatment summaries (both in report and map form), vehicle-serviced road segments, and type of treatment(s) performed and has the ability to play back the snowplow progress.

SnowplowTracker supports SQL Server and Oracle databases. It can be easily modified to track pavement conditions, garbage collection, or school buses. Any vehicle equipped with the GPS and modem can be tracked.





Farallon Geographics, Inc.

609 Mission Street, 2nd Floor
San Francisco, CA 94105

Phone: 415-227-1140
Fax: 415-227-1148
Web: www.fargeo.com
E-mail: eross@fargeo.com

Sonoma County's Public Works Department is responsible for maintaining and managing the condition of the county's road network using StreetSaver 8.0, a specialized pavement management application, with a Microsoft SQL Server database. Unfortunately, the StreetSaver database that stores and analyzes road conditions, as well as associated treatment and costs, was not linked to the county's GIS. The county needed to create visual maps of distressed road sections to better allocate resources and more effectively maintain road networks.

Farallon Geographics, Inc., installed ESRI's ArcSDE with a Microsoft SQL Server database. Through data modeling and testing, dynamic views were created that allowed the information in the GIS to be shared with the StreetSaver database. Tools in ESRI's ArcGIS were used to develop dynamic segmentation procedures to render StreetSaver information to the GIS, allowing edits to be made to the StreetSaver data directly from the GIS by clicking on segments and changing its criteria.

To help avoid unnecessary parking citations in the city of San Francisco, Farallon is in the process of developing neighborhood-based maps for public use that will display street-sweeping schedules by day and time. The primary challenge was to create a process that would allow fast and flexible edits to the maps' symbols and design. Because of the large volume of shapefiles, manual changes to the maps' design would be a time- and labor-intensive process. As a solution, using ESRI ArcObjects, Farallon populated a geodatabase with the spatial data from the 1,400 shapefiles as well as each of the shapefiles' associated day and time information. Updates to the day and time information are now applied automatically to the maps.

FIGURE SPEC

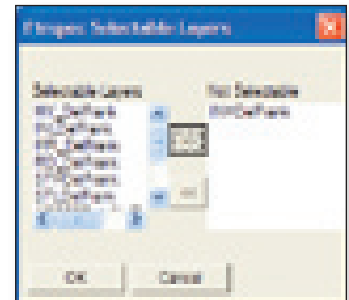
Future Spec., L.L.C.

9924 Charlotte Street
Kansas City, MO 64131

Phone: 816-769-5068
Fax: 816-942-8576
Web: www.FtrSpec.com
E-mail: Chad.Biggerstaff@FtrSpec.com

Future Spec., L.L.C.'s Applet 1.x

- Integrates with ArcPad, allowing fieldwork to be done faster
- Adds a toolbar to ArcPad
- Works with desktop and handheld versions of ArcPad
- Includes one desktop and one handheld license (similar to ArcPad software licensing)



Toolbar consists of the following:

- SelectEdit/GPSSelectEdit—click Select, then click item to edit.
- SetEditableLayers—choose editable layers.
- AddLayer—add layers with a projection different from the current map.
- Select with Fence—select multiple features at once.
- AddPoint/AddGPSPoint—allow attributes to default to last item added.
- Views—save/restore not only the position display of the map but also the layer hierarchy and the layer attributes (viewable, editable, identifiable).

Check out the Product page on the company Web site for the latest details and video clips showing Future Spec.'s Applet 1.x in action. Purchase the applet for \$150 or call for pricing with ArcPad.



GeoAnalytics Inc.

1716 Fordem Avenue
Madison, WI 53704

Phone: 608-241-7100

Fax: 608-241-7116

Web: www.geoanalytics.com

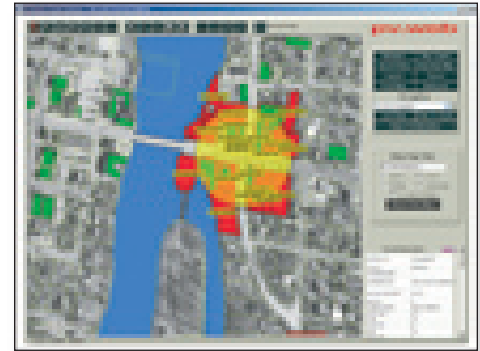
E-mail: cmiller@geoanalytics.com

PV.Web™, an ESRI ArcIMS extension, is an out-of-the-box application that puts the power of real GIS in the hands of an entire organization by leveraging the organization's enterprise data in its native format. The application can serve all users within and outside an organization via intranet or Internet. Users can easily navigate, browse, query, and report on both spatial and nonspatial land information. PV.Web 2.1 is a thin client that supports numerous data formats, images, and back end configurations including ESRI's ArcSDE.

Visit www.varionsystems.com for a Web demonstration of PV.Web.

Disciplines

- Code Enforcement
- Community Development
- Economic Development
- Engineering/Public Works
- Facilities
- Homeland Security
- Information Technology
- Public Safety
- Transportation
- Utilities



tracServe™, an ESRI ArcIMS extension, is the only Web-based AVL solution on the market that can take full advantage of enterprise GIS data. Powered by ESRI's ArcIMS technology, tracServe runs in conjunction with any AVL hardware provider and all telecommunications providers. Based on open industry standards, tracServe provides a full suite of capabilities for real-time and historical playback reporting and can be made an integral part of a GIS and asset management solution. tracServe is built on a thin client in a Web browser, thereby affording users the ability to access the application from anywhere, even the slowest Internet connection.



Geonetics, Inc.

77 Summer Street
Boston, MA 02110

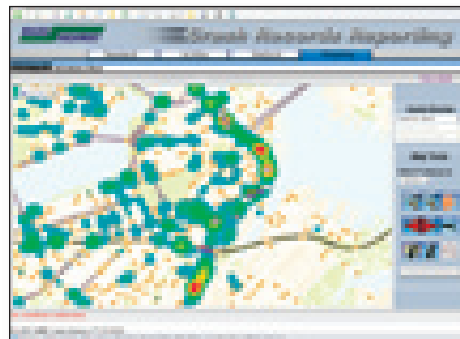
Phone: 617-896-4412

Fax: 617-896-4401

Web: www.geonetics.com

E-mail: mvonwahlde@geonetics.com

Geonetics, Inc.'s Highway Data Management Framework is a suite of tools consisting of a transportation data model and software applications that support a wide range of transportation-related activities including road inventory management and reporting, geocoding, linear referencing system (LRS) maintenance, HPMS reporting, crash analysis, mileposting, construction project management, permitting, historical data, and others. The framework is tightly integrated with the ESRI ArcGIS suite of products and built around an ArcGIS Server and ArcSDE core, providing a true enterprise-class solution. The framework adds advanced LRS support to the ArcGIS platform that was only previously offered by proprietary stand-alone systems. Geonetics' Highway Data Management Framework is used by state highway departments and DOTs as well as local governments and other agencies.





GeoNorth, LLC

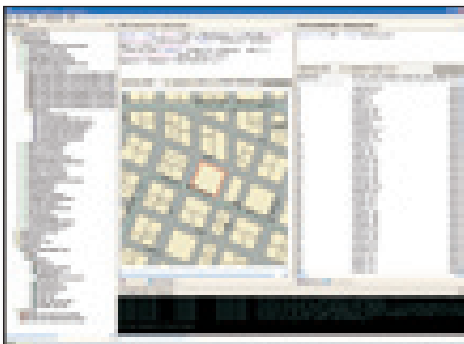
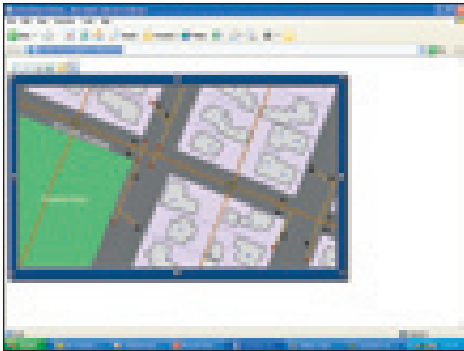
921 SW Washington, Suite 777
Portland, OR 97205

Phone: 503-827-0827

Fax: 503-827-0735

Web: www.geonorth.com

E-mail: slukasik@geonorth.com



CartaVision

Publish ArcView maps (.mxd files) to the Web in minutes with CartaVision. Maps are published using the cartography and display rules defined in the .mxd file. The Web server is built in, so no other software is required. CartaVision is ideal for publishing GIS project information or easily adding interactive mapping to a Web site. For more information and pricing or to obtain an evaluation copy, call 503-827-0827.

Benefits

- Convenient
- Simple
- Inexpensive
- Fast features
- Can serve multiple .mxd files from one machine
- Ability to access live data
- Can hyperlink via Identify
- Interactive mapping: Zoom, Pan, MapTip, and Identify
- Configurable client interface
- Microsoft XP-style interface
- PDA support
- Frameless architecture allows easy integration into existing Web sites
- Ability to add and remove .mxd files using intuitive server manager requirements
- ArcView 8.x and 9.x
- Internet Explorer 5.5 or higher for client (no plug-ins required)
- Windows NT, 2000, or XP
- 500 MHz CPU, 256 MB of RAM for server

GeoClarity

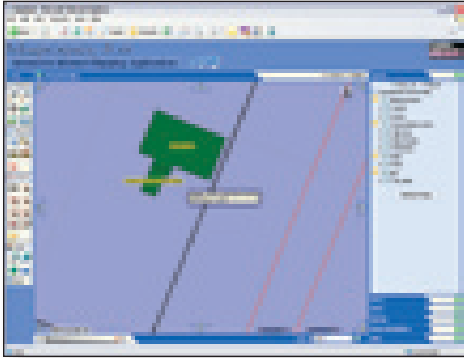
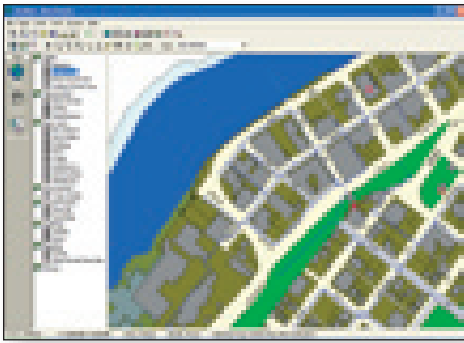
GeoClarity is best described as an enterprise integration server technology that can spatially enable enterprise systems and provide non-GIS systems and applications with GIS functionality. GeoClarity allows non-GIS systems to communicate with GIS systems and with each other, providing true enterprise integration. Systems can easily access GIS functionality, and GIS applications can easily access functionality and data provided by other systems.

In short, GeoClarity provides a robust architecture by which organizations can tie unrelated systems together, incorporating GIS functionality where necessary, in a flexible, extensible manner.

CityMap

CityMap™ is a database-driven desktop software product for querying and viewing GIS, tabular, and raster data from disparate sources in an integrated dashboard-style interface. Data sources, queries, map display properties, and user access can be configured without programming. Because of its flexibility and versatility, CityMap can be used as an enterprise GIS application or to map-enable traditional database systems such as permitting, asset management, and crime incidents. It also can be bundled with data products that are marketed to external customers.

CityMap is a Windows application, built with Visual Basic and MapObjects, that can run in a networked client/server environment or stand alone. For more information about CityMap, call 503-827-0827 or e-mail pdxsales@geonorth.com.



QueryPal

QueryPal™ is an extension to ArcGIS Desktop for seamless querying of GIS features and external databases (e.g., permitting, billing, facilities, and assessment). Users can quickly connect to data and set up queries with easy-to-use wizards and an intuitive configuration interface. Some features available in the latest version include

- Improved wizards for configuring queries
- Ability to define query panels for current .mxd or make available for all .mxd files
- Advanced Query Builder to help construct complex SQL queries
- New grid design that allows grouping, query filtering, and drag-and-drop column ordering
- One-to-many database to layer support that enables querying across multiple map layers
- Improved selection symbology
- Asynchronous querying that allows queries to be canceled midstream if needed
- Optimized query execution

Call 503-827-0827 for more information or visit <http://www.geonorth.com/index.cfm?fuseaction=querypal.home>.

MapOptix

MapOptix™ is a companion product to ArcIMS for implementing and managing Internet mapping applications, GIS portals, and Web-based enterprise GIS systems quickly, easily, and cost-effectively without custom programming. It provides enhanced administration capabilities, database integration, content management, and advanced query and analytical capabilities. For developers, MapOptix has an API and open client source code and comes with a developer guide. MapOptix has been continually improved since 1997, longer than any other product of its kind on the market, and it is fully documented and supported. For a proven and powerful Internet mapping solution that allows the creation of applications tailored to users' needs, call for a free evaluation CD at 503-827-0827 or e-mail slukasik@geonorth.com.

GeoPrise.Net.

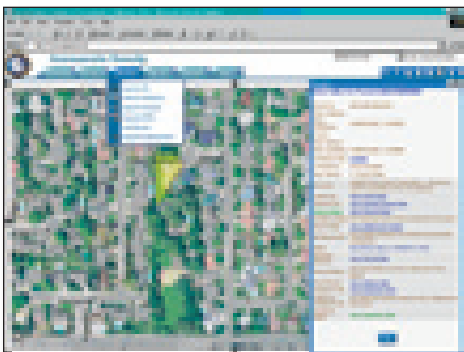
GeoPrise.Net

P.O. Box 276111
Sacramento, CA 95827

P.O. Box 2776
Evans, GA 30809

Phone: 866-422-2505
Fax: 866-422-2529

Web: www.geoprise.net
E-mail: perrym@geoprise.net



GeoPrise.NET Core Software

In a high-stakes world where the publication and dissemination of geographic and tabular data are essential for critical decision making, GeoPrise.NET offers an innovative solution for minimizing the costs and startup time associated with developing, installing, and managing Web server applications. GeoPrise.NET presents exclusive and unrivaled out-of-the-box software that increases the value and functionality of ESRI's ArcIMS by integrating complicated setup and maintenance tasks into a user-friendly wizard-driven interface. From a single CD, ArcIMS services, Web coding, customer configuration, and application customization can be loaded into any Windows-based intranet or Internet environment. In addition, GeoPrise.NET incorporates a comprehensive parcel-based module into its core product that is not hard coded and static but rather a flexible, adaptable, and modifiable solution for facilitating implementations of client applications.

GeoPrise.NET Enterprise Edition

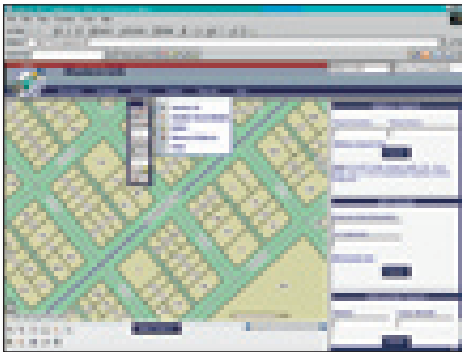
Exclusive and distinguished from other outwardly comparable commercial products, GeoPrise.NET is uniquely built on ESRI's ArcIMS from the ground up, leveraging Microsoft's .NET technology for greater reliability, enhanced performance, database flexibility, and facilitated deployment. By integrating multiple data formats and easily incorporating existing organizational data sources, GeoPrise.NET provides a client-oriented framework via wizard-driven interfaces for installation, data mapping, and maintenance. As its unrivaled flagship product, GeoPrise.NET Enterprise Edition empowers organizations seeking to implement multiple focused Web solutions via a single software framework. Its revolutionary modular design promotes integration of new functionality and aids the incorporation of additional applications at



multiple distributed sites with minimal effort. By utilizing common source code, GeoPrise.NET Enterprise Edition eliminates the need for redundant application coding, thereby driving down costs and minimizing expensive resources.

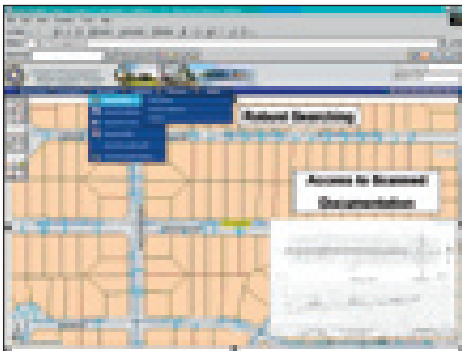
GeoPrise.NET Professional Edition

For organizations seeking to implement a single focused Web solution, GeoPrise.NET Professional Edition serves as an effective alternative to further decrease costs. While incorporating all the core functionality of the base product, the Professional Edition offers its clients an affordable option to quickly and easily realize their vision. Also built on ESRI's ArcIMS and Microsoft's .NET technology, GeoPrise.NET Professional Edition's wizard-based installation, updating, and customization utilities serve to reduce application development time and virtually eliminate system maintenance. This straightforward rapid deployment methodology works to diminish expenditures associated with specialized training and retention of high-level IT staff. The result is a solution requiring little direct support, thereby minimizing time investments that could be better utilized elsewhere.



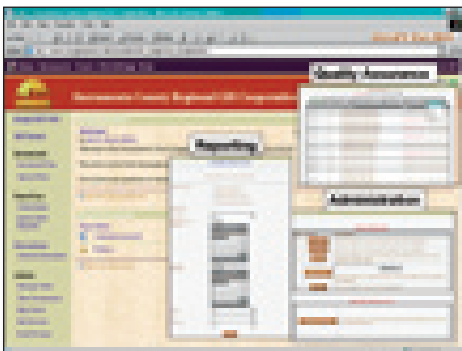
GeoPrise.NET Public Works Edition

Whether an organization supports and sustains the facilities and assets of an established community or one that is undergoing the throes of progressive development and aggressive expansion, the ever-increasing demand for instant accessibility to comprehensive information is paramount. GeoPrise.NET Public Works Edition incorporates all the premier functionality of its ArcIMS software-based core product tailored explicitly for varied and focused Web implementations in any public works setting. Supporting such business requirements as those of the transportation, sanitary sewer, wastewater, and water supply industries, GeoPrise.NET comprehensively integrates spatial and tabular data to provide the tools necessary for efficient management of both infrastructure and assets. GeoPrise.NET Public Works Edition serves as an efficient decision support tool aiding in comprehensive facility development and preventive maintenance planning and inventory management, enabling nontechnical support staff and field personnel alike to efficiently perform their job duties via any Web-enabled desktop or wireless PC.



GeoPrise.NET Street Network Edition

Emergency dispatching, transportation routing, and address matching are perhaps the most central and vital tasks of any well-developed GIS. At the heart of these applications lies the street network. While extremely necessary, multiagency collaboration and development of accurate and effective maintenance procedures can prove to be a daunting task. Built on ESRI's ArcIMS, GeoPrise.NET's Street Network Edition incorporates the robust Range Edit Web Utility, providing the ability to view and edit street name components and address ranges, scrutinize pending edits proposed by additional off-site editors, and instantaneously validate network range connectivity. Supplementary administration utilities facilitate previously labor-intensive processes by allowing administrators to accept or reject proposed edits within their individual jurisdictions and reconcile multiple edits suggested for the same record. Spatial and tabular data extracts based on multilevel filters, as well as powerful reporting capabilities for current, edited, and archived changes, further augment the application.





GeoSpatial Experts

2080 East 134th Avenue
Thornton, CO 80241

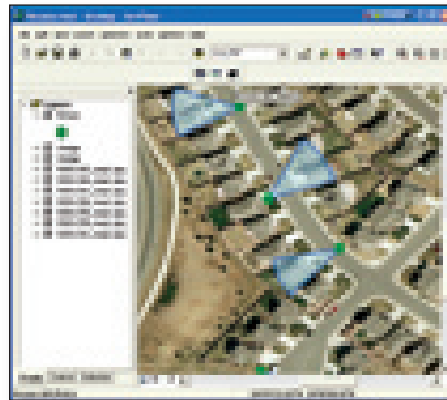
Phone: 303-255-2908

Fax: 303-362-7129

Web: www.geospatialexperts.com

E-mail: Rick@GeoSpatialExperts.com

GPS-Photo Link, developed by Denver-based GeoSpatial Experts, is the premier photomapping software on the market. The software allows users to map their digital photos on background maps as well as watermark their photos with the location information. GPS-Photo Link produces shapefiles that can be used in ArcGIS. While running the GPS-Photo Link ArcGIS plug-in, the user is able to hover the mouse over a point on a background map and have a thumbnail picture associated with that point appear. If the user clicks on that point, it will show the full-size image watermarked with location information. The ArcGIS plug-in also allows for processing directly from the GPS-ready Ricoh Pro G3 digital camera.



Geo-Spatial Solutions, Inc.

P.O. Box 328
Bend, OR 97709

Phone: 541-330-0371

Fax: 541-749-2045

Web: www.geospatialsolutions.com

E-mail: jer@geospatialsolutions.com

dataXchanger™ is an ArcGIS Desktop utility designed to enhance the process of checking field-based edits back into the geodatabase. The tool provides GIS data administrators with the ability to compare incoming features to the source geodatabase on a feature-by-feature basis. dataXchanger displays the type of change (attribute/geometry change, new feature) and gives the operator the ability to accept, reject, or combine incoming edits before accepting edits into the source geodatabase.

Features include ability to

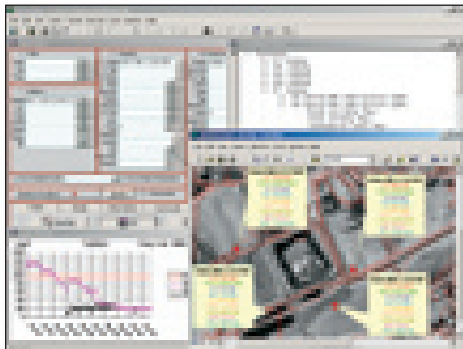
- Check data out from the geodatabase for use in ArcPad.
- Perform QA/QC before accepting edits back into the source geodatabase.
- Detect new features, changes in attributes, and geometry modifications.
- Intuitively interface reports change type.
- Validate feature and attribute levels.
- Review, accept, deny, and/or modify the field changes.

Benefits include

- Intuitive, easy-to-use interface
- Increased productivity
- Improved data integrity

The dataXchanger was voted an Oregon URISA 2005 Hot App.

rapidGPS™ is an ArcPad toolbar designed to minimize the learning curve often associated with GPS. rapidGPS builds on the out-of-the-box functionality of ESRI's ArcPad and makes operating a GPS unit effortless. rapidGPS is for GPS operators with minimal GPS experience and GIS administrators responsible for managing GPS field crews.





Geotech Computer Systems, Inc.

6535 South Dayton Street, Suite 2100
Englewood, CO 80111

Phone: 303-740-1999

Fax: 303-740-1990

Web: www.geotech.com

E-mail: drdave@geotech.com

Features include

- Intuitive "tape recorder" interface.
- Start, stop, pause, and nest with the push of a button.
- Nest point features along a line or polygon feature.
- Change target layer with the click of a button.
- Toggle GPS connectivity on/off.

Benefits include

- Extremely intuitive and easy to use
- Minimal training; rapid GPS deployment
- Increased productivity

Geotech Computer Systems, Inc.'s new Enviro Spase product builds on the strong interface between Enviro Data and ArcGIS. Enviro Spase runs in ArcGIS 8 Desktop or higher and helps efficiently display data on GIS maps. Wizard-assisted tools allow the display of callouts (data tables connected to locations), Stiff water quality diagrams, soil boring displays (displaying concentration values), and time-sequence graphs (showing concentrations of multiple constituents). Client feedback has been that these tools are great time-savers for creating sophisticated maps, while improving quality by eliminating manual transcription and entry. The latest release allows cross-tab tables in the callouts, a very popular feature.

Geotech's Enviro Data software stores and displays environmental quality data such as field and laboratory data for water, soil, and air. It makes it easy to manage data and display it directly in ArcGIS Desktop without the need for intermediate files. With Enviro Data, users can cost-effectively import analytical and other data; review the quality; select data; and generate reports, graphs, and maps or provide data to other programs. Capabilities include a lab and field data interface; data validation; a user-friendly selection screen; and integrated graphing, mapping, and reporting. It has been accepted by numerous industrial companies, government agencies, and consulting companies. The Enviro Data user interface runs within Microsoft Access, so the software can be easily customized for specific project needs. The program works equally well storing the data in Access, SQL Server, or Oracle, and the company has numerous users on each of these platforms.

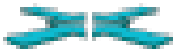
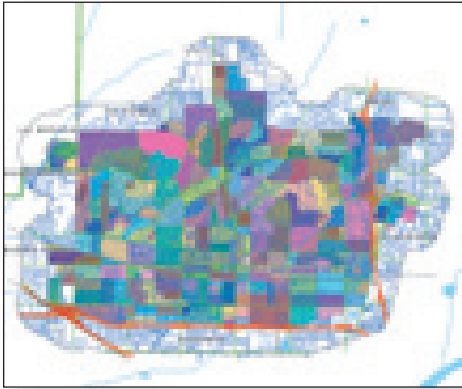




GIS Data Resources, Inc.

8 Digital Drive, Suite 200
Novato, CA 94949

Phone: 888-654-4437
Fax: 415-884-4407
Web: www.gdr.com
E-mail: info@gdr.com



GISolutions, LLC

P.O. Box 131077
The Woodlands, TX 77393-1077

Phone: 936-321-9982
Fax: 936-321-9982
Web: gisolutions-llc.com
E-mail: hwmccoy@infomgt.net

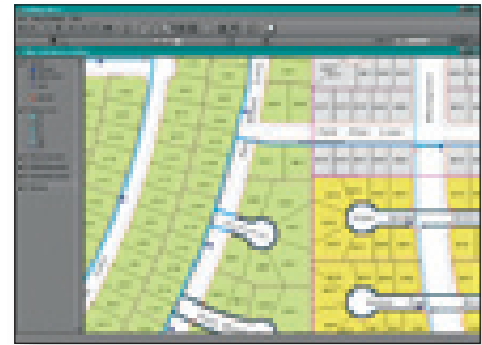


GIS Workshop, Inc.

415 North 66th Street, Suite 7
Lincoln, NE 68505

Phone: 402-436-2150
Fax: 402-436-2152
Web: www.gisworkshop.com
E-mail: GISWorkstools@gisworkshop.com

Headquartered in Novato, California, GIS Data Resources, Inc. (GDR), develops custom GIS products for both the public and private sectors. Organizations from local police, EMS, and fire departments to telecommunications, real estate, insurance, and utility companies use GDR data in their GIS applications to help save lives or increase business. Leveraging its large archives of U.S. parcels, satellite and aerial imagery, tax assessor information, and a host of other location-based datasets, GDR provides its products and services in ESRI format for both ArcGIS Desktop and ArcView. GDR's proprietary mapping solution and data model allow GDR to provide multisourced, quality-controlled, and industry-specific data unavailable anywhere else. The city of Detroit currently uses GDR's public safety geofiles and Addresspoints™, a patent-pending map dataset that accurately displays residential and commercial buildings with consumer and business data attributes, in its ESRI-based program.



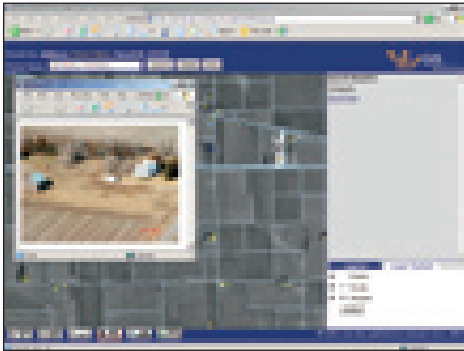
The Utility Data Management System (UDMS) is a customized GIS based on ESRI ArcView software. It is a complete infrastructure management tool for utility district operators, municipalities, cities, and communities. With the UDMS program, users can organize and display infrastructure data in a variety of formats. The user has the power to visualize, explore, query, and analyze data geographically, thus uncovering many trends and patterns. Digital images of manhole repairs attached as attributes to each manhole, as well as MPG video sewer inspections attached as attributes to their respective line segments, provide a historical record of the condition of the infrastructure for years to come. Utility operators can locate and identify valves and manholes for a quick response to a service problem. Tracking repair history, quickly identifying customers affected by a main line leak, and identifying trends in sewer stoppages are just a few of the assets of the program.

ArcGIS Extensions and Tools

GIS Workshop, Inc., specializes in the development of robust GIS solutions for GIS professionals. Its various extensions, built on the ArcGIS platform using C++ and Microsoft Foundation Classes (MFC), provide easy-to-use tools for the discriminating GIS user. Designed to simplify a variety of tasks in state and local government markets, GIS Workshop's GISWorks toolboxes provide GIS professionals with the most powerful, accurate, and easy-to-use tools available for the ArcGIS work environment.

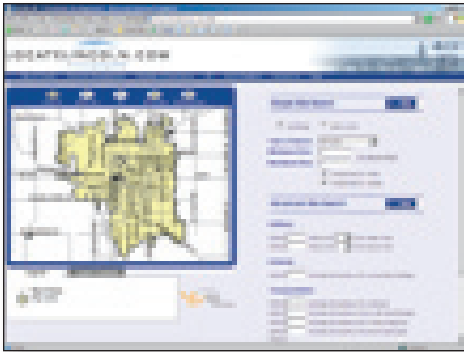
GISWorks AdvancedEditor, an extension developed initially for assessment professionals, enhances the editing capabilities for any ArcGIS user desiring advanced ArcInfo editing functionality in an ArcView environment. Users with survey-accurate data in their GIS can also benefit from the included Lot Builder and Traverse tools. The Lot Builder splits blocks (four-sided polygons) into lots based on front and back widths. The Traverse tool allows users to create features based on survey data or by using the advanced curve and deflection methods of editing.

GISWorks Assessor, an extension developed for assessment professionals using all versions of ArcGIS, incorporates those tools required for simplifying cadastral/parcel land management. Composed of several individual tools including Set Selectable, Zoom to Selection, Show Vertices, Split, Quarter, Explode, Merge, Point of Beginning, COGO, Finish, Length Calculator, and Area Calculator, this toolbox provides assessors with a comprehensive suite of cadastral/parcel management tools. Enhanced parcel edits are now performed easily and quickly, providing assessment professionals with robust editing capabilities, ensuring accurate assessment.



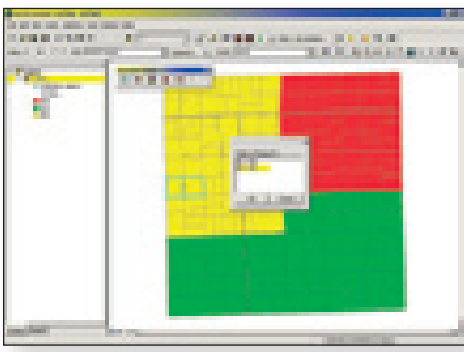
GISWorks CAMALink, an ArcGIS extension developed for assessment professionals, integrates a variety of appraisal tools ensuring accurate, simple tax assessment. Designed for integration with a multitude of CAMA software packages such as MIPS, TerraScan, County Solutions, MicroSolve, Ultra, and CMS, the toolbox provides appraisers with the ability to incorporate CAMA data into their GIS automatically, enhancing analysis and reporting capabilities. The GISWorks CAMALink toolbox, built on the ArcGIS platform using C++ and MFC, includes Settings, Identify, Thematic, Query, Sales Ratio, and Picture tools.

GISWorks CIP, an extension of ArcGIS developed for municipal GIS professionals, provides a simplified means for the planning, managing, and reporting of all capital improvement projects within a community or region. Including such tools as Project Tracker, Project Estimator, and Report Generator, the GISWorks CIP extension allows departments to collaborate and schedule projects, minimizing costs and lessening the impact of construction on citizens. Ultimate collaboration entails the integration of this extension with a coordinated IMS permitting easier access and updates.

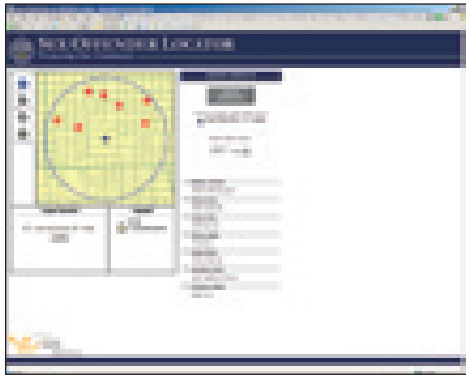


GISWorks Landuse, designed for ArcGIS using ArcObjects and C++, provides assessment professionals with an advanced valuation tool allowing the calculation of acreages based on parcel ID, land use, and soil type. This allows assessment professionals to recalculate valuations based on the GIS data or calculate valuations based on the deeded acreage for the parcel. Along with the automatic generation of a Property Assessment Taxation code, the tool calculates the number of acres for each land use/soil type combination. It also includes a built-in acreage tolerance, permitting the user to exclude any acreages calculated below the tolerance level.

GISWorks Mobile, GIS Workshop's suite of mobile ArcPad applications, provides field managers and staff with streamlined data collection solutions tailored specifically for their market. With solutions for 911 addressing, health and human services, remote location, and utilities, its ArcPad solutions provide users with simplified, comprehensive data collection applications designed to streamline the data collection process. Built using ArcPad Application Builder, MapObjects, and C++, these applications can provide municipalities with improved workflow, more accurate data, and efficient data processing using limited resources to the best advantage. These applications include such solutions as MSAG Validation, Portable Locator, West Nile Tracker, Utility Inspection, and Utility Manager.



GISWorks MSAG, GIS Workshop's E911 ArcGIS extension, provides GIS managers and technicians with an efficient method of creating, validating, maintaining, and identifying their Multiple Street Address Guide (MSAG). It includes tools such as MSAG Generator, Address Calculator, Attribute Street, and Zoom to Intersection. GISWorks MSAG automates many of the more complex addressing functions into an easily integrated ArcGIS solution. A key function of the tool is the ability to verify addresses between PSAPs, service providers, and municipal agencies, thereby ensuring that the most complete and accurate addressing system is in use. In addition, GIS Workshop created a complementary mobile solution for MSAG creation and updating in the field with its ArcPad MSAG tool.



GISWorks Utility, designed for the utility professional, provides advanced tools for utility personnel to simplify and streamline internal procedures and reporting. These GIS-centric tools, including the Mainline Isolation Trace, Wastewater Trace, Build Scenario, Work Order Generator, Main Break History, Buffer, Profile Generator, and Correction Submission tools, enhance the workflow capabilities of utility GIS professionals. By simplifying and integrating the workflow process within the GIS, managers and supervisors can now have advanced analysis and reporting capabilities at their fingertips. Providing even more functionality, the GISWorks Utility toolbox integrates seamlessly with ArcGIS and ArcIMS, making these advanced tools accessible to all users of the GIS/IMS.

The company's applications are flexibly designed and scaled to successfully serve the dynamic needs of an organization. The portal enables users to examine spatially related information and garner information about a city's/county's/state's infrastructure, real estate, commercial information, and demographics in a new and powerful way. Advanced analysis capabilities set the company's systems apart from the competition, enabling users to find exactly what they want without poring through tedious tabular data. Built on the successful ArcIMS platform, its solution integrates seamlessly into existing Web sites and accommodates a variety of IT infrastructure (Windows, Linux, etc.).

UtilityIMS (custom created in C++/ESRI MapObjects using ESRI ArcIMS as the middleware running on a Windows server platform) allows citizenry to access various data layers about utility systems via a Web IMS portal. The application permits users to navigate, identify, search, and print multiple GIS layers. The system links various paper records for archival purposes and for public dissemination.

The company's utility GIS/IMS systems provide users with the ability to integrate their vital historical information with current infrastructure data, allowing multiple users access to the data they need, when they need it. By incorporating GIS/GPS technology, utility managers can now manage all aspects of the business by improving resource management, inventory management/analysis, and administrative functions.

To learn more about these and other tools to improve workflow and increase customer satisfaction, contact GIS Workshop today.



har*GIS, LLC

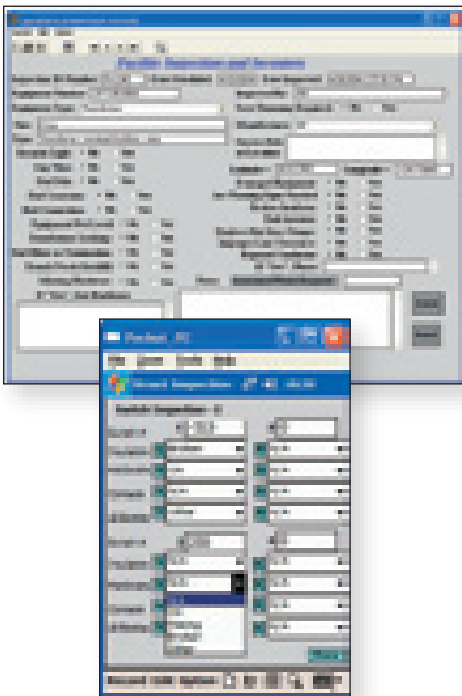
6551 South Revere Parkway, Suite 210
Centennial, CO 80111

Phone: 303-220-0253

Fax: 303-643-3958

Web: www.har-gis.com

E-mail: ccrenshaw@har-gis.com



Distribution utilities looking for ways to improve facilities asset management and field force productivity resources need look no further than **Asset Maintainer**. Based on TruckMap™, the industry's leading Field Information System™, Asset Maintainer takes information stored in an enterprise database and puts it—along with preconfigured forms and symbology—into the hands of the field personnel who need it to complete a wide variety of facilities asset management activities. The net result is that field force personnel now have access to all the mission-critical customer and facility information stored in ArcGIS Desktop, ArcFM, ArcView, or other databases to perform a wide variety of field operations. The functionality currently embedded in the application includes

- Distribution facility inspection and inventory
- Meter connect and disconnect
- Work order management
- Resource estimating and usage reporting
- Tree trimming and vegetation management

TransCo Inspector™ operates in conjunction with the TruckMap Field Information System and was designed specifically to increase productivity in transmission line inspection and maintenance operations. The application transforms paper-based line inspection and maintenance operations—with their reams of map books and pole inspection data—into a much more productive and economical way of conducting business.

Instead of relying on cumbersome and often outdated paper data, TransCo Inspector enables mobile field crews to access all the ArcFM, ArcGIS Desktop, and ArcView data they need, along with other enterprise data, directly from the corporate databases where the most accurate, up-to-date information resides.

A modular, economical, off-the-shelf, easily configurable solution, TransCo Inspector includes preconfigured forms, symbology, and reports through which field users can extract data from enterprise systems by selecting the desired information from pick lists and drop-down menus. Information is uploaded and downloaded as needed directly onto low-cost, ruggedized handheld and tablet platforms and displayed on a basemap. The software enables transmission line personnel to quickly set destination points, calculate routes, guide workers to each destination, download the information needed to perform inspection or maintenance activities, and immediately upload any changes that need to be reflected in corporate relational databases.

Disco MobileView is designed for distribution companies that need to get maps, customer information, CAD drawings, photos, and facility data out of the office and into the hands of their mobile field-workers. Based on the TruckMap Field Information System and using or interfacing with ArcFM, ArcGIS Desktop, and/or ArcView, Disco MobileView automates the mobile worker's ability to easily access, query, and view corporate GIS, CAD, CIS, transformer, and equipment databases and other enterprise data for a wide variety of distribution operations and maintenance activities. From scheduled maintenance and inspection to emergency outage response, Disco MobileView provides all the customer, equipment, schematic, and location information needed from these enterprise databases without the need to learn how to operate these systems. Just as important to company ROI, Disco MobileView is ready to deploy and can typically be delivered and implemented within a matter of weeks with no custom programming. In fact, it is so easy to deploy that the typical payback is less than four months.

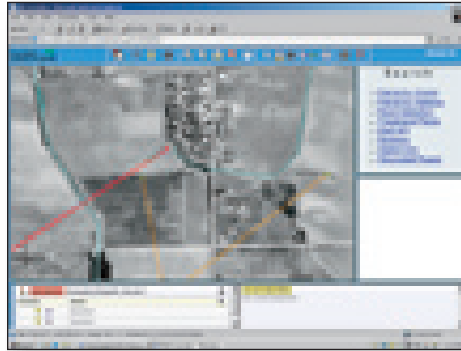


Hummingbird

1 Sparks Avenue
Toronto, Ontario M2H2W1
Canada

Phone: 416-496-2200
Fax: 416-496-2207
Web: www.hummingbird.com
E-mail: hugh.ritchie@hummingbird.com

Hummingbird Enterprise™ for ESRI, an integrated solution with ESRI's ArcIMS software, offers a Web-based mapping interface for document and records management and queries by linking ESRI's ArcIMS software and Hummingbird DM™, an integral component of Hummingbird Enterprise. Hummingbird Enterprise for ESRI is applicable across a broad range of industries including government, utilities, water and wastewater, oil and gas, military, and telecommunications. All geographic-based, business-critical information can immediately be linked through one Web interface, not only to data but also to a wide range of documents such as photographs, engineering drawings, field notes, and digitized audio and video.



Hyland Software Inc.

28500 Clemens Road
Westlake, OH 44145

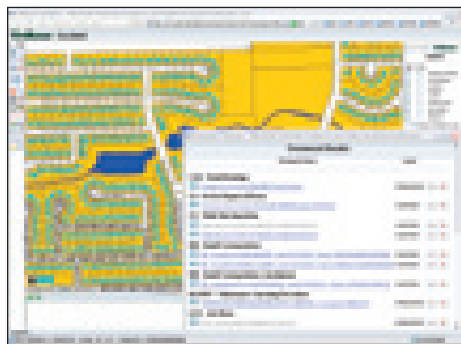
Phone: 440-788-5000
Fax: 440-788-5100
Web: www.onbase.com
E-mail: ray.postolovski@onbase.com

OnBase, an enterprise content management solution, manages all stages of content life cycle including creation/input, storage, retrieval, revision, and distribution. OnBase also provides a GIS integration solution called GeoDox.

GeoDox enables professionals to view and manage a wide variety of unstructured content while working in the familiar ArcIMS interface. This content can be documents originating from practically any source including scanned paper documents, faxes, print streams, XML, application files, electronic forms, Web content, multimedia files, and e-mails. The OnBase GeoDox application works in concert with ArcIMS and ArcSDE.

OnBase GeoDox enables GIS professionals to

- Retrieve documents associated to GIS features from within ArcIMS.
- Attach documents to GIS features by a simple drag-and-drop method or dynamic linking.
- Cross-reference all relevant documents to each other.
- Query documents within ArcIMS.
- Process documents through workflows.
- Manage document revisions and renditions.





ImageNet Venture LLC

643 Swedesford Road
Malvern, PA 19355

Phone: 610-240-0800
Fax: 610-240-0801
Web: www.imagenetus.com
E-mail: lforbes@imagenetus.com



Armada provides easy integration between ESRI's ArcIMS and the docSTAR document repository. This solution allows an organization to take advantage of the superior document management system of docSTAR directly from an IMS portal interface.

Out of the box, the IMS/Armada portal allows the user to perform GIS feature and attribute queries, returning results that are displayed graphically in the portal map view. The Armada data link also searches the docSTAR database, returning a list of all digital documents that meet the query parameters and sorts those results based on a logical categorization defined by an organization's business rules. From this list of results, users may then easily click on the specific document(s) they want to display.

The IMS-based portal is built using .NET, making the portal openly customizable. New functionality may be added to the portal as it is required by users/constituents. IMS and Armada enable users to start with an easily manageable information management system and expand in functionality and complexity at their own pace.



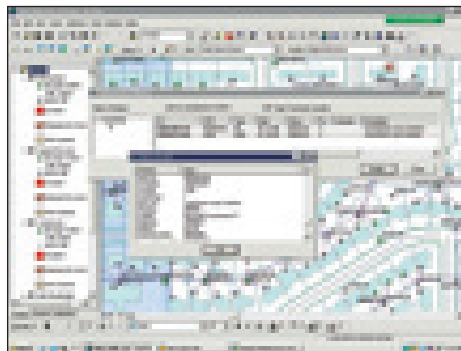
Impress Software Solutions, Inc.

460 Totten Pond Road, Suite 200
Waltham, MA 02459

Phone: 781-419-5600
Fax: 781-419-5666
Web: www.impress.com
E-mail: omri.dotan@impress.com



Geo I.App is a packaged, ready-to-run Integration Application (I.App) designed to integrate the data and functionality of SAP and ESRI's ArcGIS into one seamless process. It enables the synchronization of location-related spatial data in ESRI's ArcGIS with Plant Maintenance and Project Systems modules in mySAP ERP. The application enables ArcGIS and SAP customers in the oil and gas, utility, energy, forestry, land management, and public sectors to streamline operations by eliminating the need for duplicate data entry and the risk of mismatched locations and resources. Geo I.App provides all the functionality needed for a GIS technician or SAP user to ensure that functional locations, equipment, work orders, and other asset-related information are available and up to date in both systems. With real-time integration between the two systems, asset data maintenance and facility management operations can be executed directly from ArcGIS maps with immediate access to SAP data.





InfiniTec Inc.

1007 West 27th
Hays, KS 67601

Phone: 785-625-3570

Fax: 785-625-3153

Web: www.infinitec.net

E-mail: trozean@infinitec.net

The Local Government Information Systems Web site is a solution that uses ESRI's ArcIMS and ArcSDE software, combined with local government databases and ArcGIS Desktop software, to provide an Internet-based information center for government personnel and the general public.

It includes one or more maps, a parcel search page, and numerous department-centric searches that make information searching easier for all. Local governments will add more value to their collection of maps and data because a larger group of people will have easier access to the information at any time. Also, local governments will save huge amounts of employee time for all departments involved by enabling the general public and internal staff to collect needed information on their own. This solution is flexible and highly parameterized and can be adapted to the local government's databases. The solution can be tailored to display information such as parcels, dwellings, deeds, comparables, valuations, districts, voter information, recreation, tax map units, sales, and other common local government information. It can also include data collection Web pages, allowing for contact and other information to be easily added to the local government's maps and databases. The solution can be set up for the Internet, intranet, or both.





InfoGeographics, Inc.

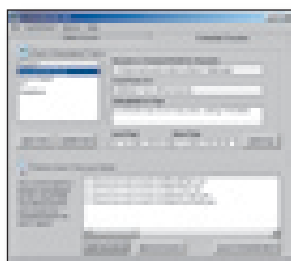
503 Hastings Street
Traverse City, MI 49686

Phone: 231-995-8266

Fax: 231-995-8267

Web: www.infogeographics.com

E-mail: jbennett@infogeographics.com



GeoConnector® is a stand-alone geodata publishing tool from InfoGeographics, Inc., that is used to build, combine, and move geospatial and tabular data, automatically updating targeted data for Web sites and applications supporting GIS and IT initiatives. Built utilizing MapObjects and ArcObjects, GeoConnector features

- Manual and automated merging or extraction of selected fields from GIS and tabular data into published geospatial or database files
- Reads ESRI shapefiles, coverages, personal geodatabases, and ArcSDE
- Tabular integration that reads/writes many formats, both native and ODBC
- Easy to use and maintain important geodata resources
- Managed through session templates
- Automated by scheduling tasks and batch mode
- AS/400 and ArcSDE modules for read/write to widespread platforms

The GeoConnector is the premier solution to streamline data production business processes for mission-critical applications. Contact InfoGeographics, Inc., regarding GeoConnector at 231-995-8266, e-mail geoc@infogeographics.com, or visit www.infogeographics.com for more information and pricing.



Information Builders

Two Penn Plaza
New York, NY 10121-2898

Phone: 212-736-4433

Fax: 212-967-5953

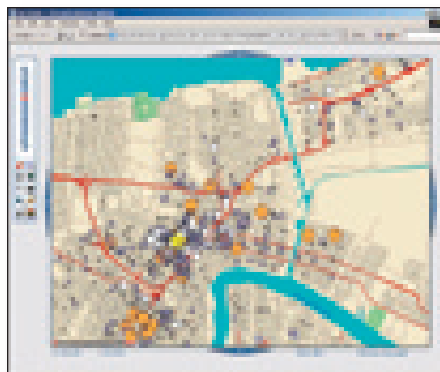
Web: www.ibi.com

E-mail: kevin_mergruen@ibi.com

Information Builders provides enterprise business intelligence and integration tools that help government organizations at all levels reduce the time, cost, and risk of their IT projects. The company's solutions are fully integrated with ESRI for bidirectional BI and GIS requirements and help geocode and load ArcSDE from more than 85 disparate data sources.

Together, ESRI and Information Builders are helping government agencies

- Deploy solutions for financial, human-capital, and asset management; integrated justice and homeland security applications; and health and human services programs as well as many other types of critical applications.
- Address the integration and analysis issues associated with public health threats.
- Integrate virtually any data, turn it into useful information, and deliver it to anyone, anywhere, anytime.





IntraSearch, Inc., d/b/a MapMart.com

12424 East Weaver Place, Suite 100
Centennial, CO 80111

Phone: 303-759-5050

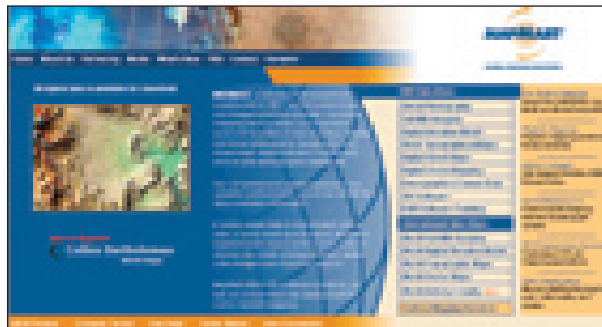
Fax: 303-759-0400

Web: www.mapmart.com

E-mail: info@mapmart.com

MapMart.com is one of the largest online imagery and map data libraries in the GIS industry. In addition to map products, it also resells most ESRI software products as well as provides end user training on standard and custom ESRI classes.

MapMart receives thousands of visitors a day needing to obtain ESRI software, aerial photography, DEMs, vector data, or custom-mapping solutions provided through its parent company, IntraSearch, Inc. IntraSearch, Inc., has been involved in aerial photography, topographic mapping, and photogrammetry services since its founding in 1951. IntraSearch focuses mainly on providing aerial photography and imagery acquisition, photogrammetric services, topographic mapping, or custom map product creation as part of its overall GIS data production and ortho services offerings. With the use of soft-copy photogrammetric techniques and airborne GPS collection, IntraSearch, Inc., can supply a full range of photogrammetric products.





IT Nexus, Inc.

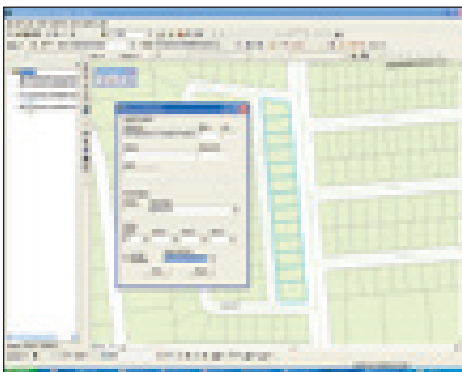
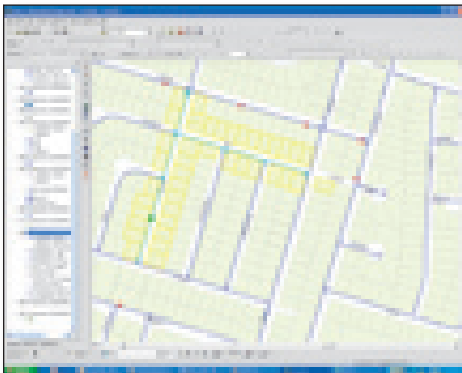
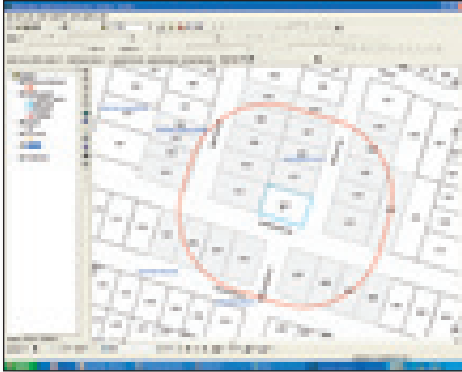
4624 Rager Pass
San Antonio, TX 78247

Phone: 520-760-2405

Fax: 210-256-2098

Web: www.it-nexus.com

E-mail: rwfinkle@it-nexus.com



Water Valve Shutoff Tool for ArcGIS

IT Nexus, Inc.'s (ITN) Water Valve Shutoff Tool for ArcGIS allows field operations personnel to quickly identify valves to close in the event of an emergency or planned water main break. The tool combines native ArcMap operations, such as geometric network tracing, spatial analysis, and attribute reporting, to graphically display impacted lines, valves, and parcels.

After selecting the affected line, the user can graphically see the valves to close to isolate the line break and the properties that will be affected by the break. Incident reports generated by the tool contain the attributes of the broken pipe such as material and diameter, nearest approximate address and attributes of the valves, and a listing of addresses that may have service interruptions.

The Water Valve Shutoff Tool for ArcGIS is easy to use, provides quick and informative feedback, and can be customized to meet an organization's geodatabase and unique requirements.

Notification Tools for ArcGIS

ITN's Notification Tools for ArcGIS provide a suite of custom buttons to the ArcGIS user interface that assists municipalities in generating the required packet of information that notifies citizens of a rezoning.

Utilizing the spatial functionality of ArcMap creates a precise buffer around the area to be rezoned and ensures that all properties within the notification area are selected, eliminating errors caused by AutoCAD or hand-drawn methods. Informative maps and reports provide information to decision makers and citizens. The tools employ geodatabase data, ArcGIS, and Microsoft Word templates to generate mailing labels and populate letter templates. Opposition to the rezoning can also be recorded using the tools and reported on the fly or presented as a map or a report.

The Notification Tools for ArcGIS can save an organization's time and money by streamlining the notification process, and the tools are fully customizable to fit geodatabase and unique requirements.

Data Maintenance Tools for ArcGIS

ITN's Data Maintenance Tools for ArcGIS provide a suite of address editing tools within the ArcMap environment that utilizes the benefits of the geodatabase to eliminate errors associated with manual data entry. Street Name Editor works with a Master Street Name table to prevent duplicate entries of street names, prevent deletion of existing street names, and apply street name changes to related addresses. The Street Centerline Editing Interface provides a drop-down list of street names to ensure consistency and allows users to enter and validate address ranges for geocoding. The Parcel Editing interface uses the same drop-down features for accurate parcel addressing, and users can enter legal description and zoning information. For large areas, the interface can use existing CAD annotation for lot and block numbers.

ITN's Data Maintenance Tools for ArcGIS are fully customizable so users can maintain an accurate repository of standardized address data across their organization.



The Kenerson Group

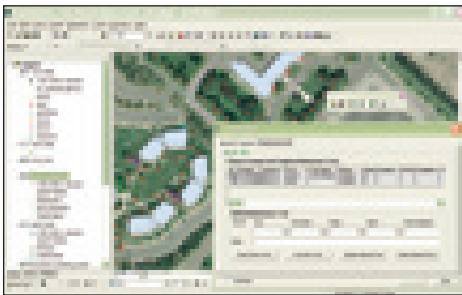
2342 Main Street
Athol, MA 01331

Phone: 978-249-6495

Fax: 978-249-4784

Web: www.kenersongroup.com

E-mail: wpriestley@kenersongroup.com



The Kenerson Group specializes in user-friendly, cost-effective solutions for the tree inventory and management needs of foresters and arborists. Its primary solution is TreeWorks: a fully integrated extension to ArcGIS 9.x Desktop and ArcPad that allows the user to create, track, manage, and share detailed tree inventory data. Integration of field data into master databases is facilitated by check-in/checkout functionality that allows the user to synchronize field data and foster collaboration while maintaining data integrity. TreeWorks also

- Includes automated tree appraisal calculations based on ISA species ratings and formulas and the user's parameters
- Creates, tracks, and checks in work orders and service requests
- Allows the option of GPS-enabled data capture

The Kenerson Group also supplies consulting and training services including tree inventories, GIS mapping services, and ESRI-authorized and custom training courses.

The Kenerson Group is partnered with anythingGIS.com, a certified woman-owned business and authorized software reseller for ESRI.



LandWorks, Inc.

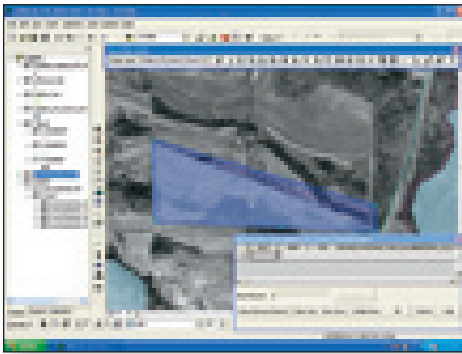
2600 South Gessner, Suite 420
Houston, TX 77063

Phone: 713-334-3030

Fax: 713-334-3828

Web: www.landworks.com

E-mail: mmitterlehner@landworks.com



LandWorks ToolBox

As state and local governments embrace GASB 34, identifying and managing land-based assets and obligations, along with utilizing solutions that streamline land-use analysis, will be beneficial. LandWorks Toolbox™ (LWTB) provides a suite of tools and reports that allows a user to easily perform complex analysis of land-related agreements and ownership in a geographic information system. Designed to run as an extension of ESRI's ArcGIS software product, these tools were developed as a direct result of LandWorks, Inc.'s extensive experience in providing hands-on GIS support to end users in industries that require large volumes of land rights such as leases, rights-of-way, and deeds.

When used in conjunction with LandWorks Property Management system, LWTB can be interfaced with a document management system to display scanned document images directly from the map.

Parcel Edit Tools

Through extensive experience using ESRI's ArcView in lease and land parcel digitizing projects, LandWorks has developed Parcel Edit Tools™ to help expedite the overall lease mapping and land parcel editing process. Parcel Edit Tools was created in response to the everyday needs of the land draftsman for a cost-effective solution to mapping diverse and complex land descriptions. These tools digitize most land polygons on-screen without the use of a digitizing tablet.

The suite of tools includes Metes and Bounds, Quarter Section, Duplicate, Delete Graphics, Corners, Clipping, Add to Theme, Area Calculator, Follow a Feature, Polygon Divider, Snapping, Buffer a Feature, Measure, Shape to Front, Point Locator, and Polygon Linker Tools.

LandWorks Geographic Information System

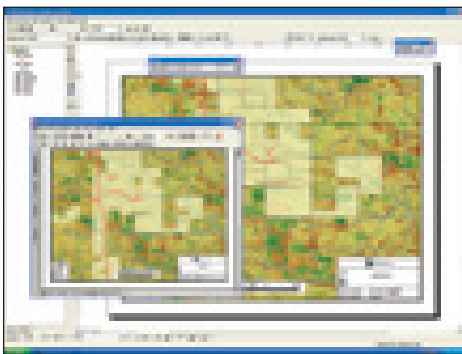
The LandWorks Geographic Information System (LWGIS) suite of ESRI ArcGIS software-based solutions include LandWorks Toolbox, Parcel Edit Tools, and QuikMap™ (QM). Collectively, these solutions consistently improve productivity and reduce cost by integrating land records, maps, and scanned documents directly within ArcView. Complex land use, rights, and obligations are maintained, retrieved, and reported within LandWorks Property Management System, while LWGIS solutions create and maintain land-based polygons that are visually displayed within ArcView or cartographic-quality maps printed by QM.

State and local governments benefit from LandWorks' integrated suite of products when managing their complex use and rights of land such as mineral leases (oil and gas, coal, hard rock), surface leases (rights-of-way, forestry, hunting, grazing), and other uses (water rights, agricultural, facilities).

QuikMap

LandWorks QuikMap module makes creating presentation-quality maps quick and easy by enhancing the ArcGIS user experience. QuickMap delivers improved productivity to any ArcGIS user by significantly reducing the time it takes to create cartographic-quality hard-copy maps.

QM has two components, each of which is licensed separately: (1) QuikMap Administrator (QMA) is used by an experienced ArcGIS user to set up and publish to a network server the 18 standard map templates, and (2) QuikMap Printer allows the end user to print the map templates created by QMA.





Latitude Geographics Group Ltd.

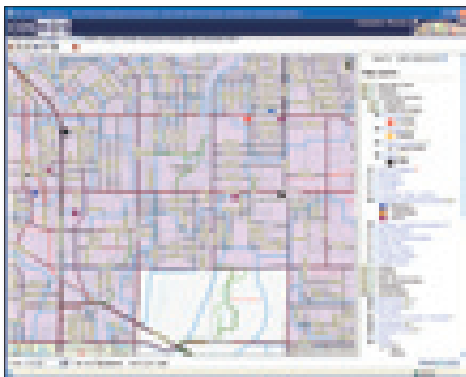
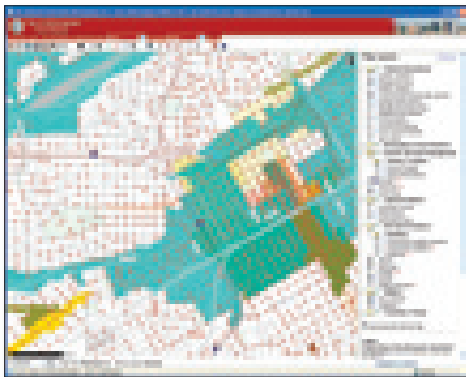
204 Market Square
Victoria, BC V8W3C6
Canada

Phone: 250-381-8130

Fax: 250-381-8132

Web: www.latitudegeo.com

E-mail: jclose@latitudegeo.com



Latitude Geographics Group Ltd. Products

Latitude Geographics Group Ltd. provides off-the-shelf products that can greatly enhance a user's ArcIMS software-based Internet GIS applications. These popular extension products have evolved out of real-world need and have been licensed by dozens of organizations across North America.

Geocortex Internet Mapping Framework

Implementing ArcIMS? Why reinvent the wheel? Geocortex Internet Mapping Framework (IMF) is the quickest and most cost-effective way to build successful ArcIMS applications—it is a complete off-the-shelf solution that is highly customizable. Given its remarkable architecture and the rapid evolution of new features and tools, the company encourages users to learn more about why Geocortex IMF has emerged as the core viewer foundation for government and private sector ArcIMS architectures around the world. The company is confident that users will reach the conclusion that so many others have reached—Geocortex IMF offers unsurpassed functionality and unsurpassed value.

Geocortex Editing Suite

The Geocortex Internet Mapping Framework Editing Suite is an extension suite for Geocortex IMF. The software leverages ArcIMS and ArcSDE to allow authenticated users to perform a variety of common layer editing functions using a number of easy-to-use, yet powerful tools. The version management and QA/QC tools allow these tools to streamline real-world workflows.

Geocortex Secure Data Gateway

With Geocortex Secure Data Gateway (SDG), users can securely and efficiently integrate existing stand-alone Web-based and desktop-based software systems with Web-based mapping tools. Totally configurable, Geocortex SDG is engineered to accomplish this integration over a variety of different architecture configurations.

Geocortex Uptime

ArcIMS and ArcMap Server are not immune to unplanned downtime. Though it is a high-quality and well-designed product, ArcIMS still relies on the proper integration and performance of numerous third-party software and hardware components.

Geocortex Uptime is affordable and easy-to-use software. Developed by Latitude Geographics as part of its Geocortex Internet mapping suite of solutions, Geocortex Uptime ensures maximum ArcIMS/ArcMap Server uptime and efficient architecture management.

Geocortex Statistics

Geocortex Statistics is a comprehensive statistics package for ESRI's ArcIMS that generates valuable site feedback and statistics for organizations deploying ArcIMS.

Geocortex Perspective

ArcIMS 3D functionality can be added to virtually any ArcIMS site using Geocortex Perspective. Latitude Geographics Group Ltd., in conjunction with business partner Refractions Research, offers dynamic 3D viewers as a hosted service or as a licensed product.



Leica Geosystems Geospatial Imaging

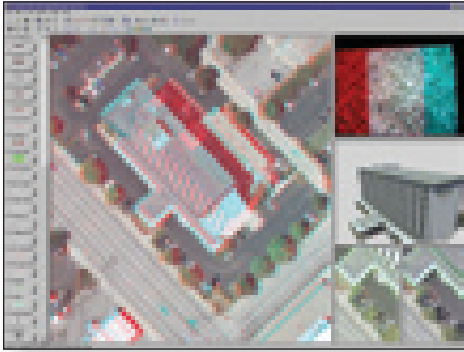
5051 Peachtree Corners Circle
Norcross, GA 30092-2500

Phone: 877-463-7327

Fax: 770-776-3500

Web: www.leica-geosystems.com

E-mail: Abby.Dawe@gis.leica-geosystems.com



Stereo Analyst for ArcGIS

Stereo Analyst® for ArcGIS is a stereo feature collection tool designed to create and revise a comprehensive database of feature data stored in a geodatabase. Using a direct image-to-map approach to data collection, the integrity of the imagery is preserved, saving the user preparation time and increasing accuracy in the resulting image layers.

Features

- Collect feature data as it exists in the real world directly into ESRI's ArcGIS.
- Update feature datasets with 2D to 3D feature conversion tools.
- Access oriented images using ArcSDE.
- Multiple geolinked windows are directly embedded in ArcMap (or can be docked in a dual monitor configuration).
- Support multiuser topological editing of features (versioning) in ESRI's ArcGIS.
- Support CAD formats including DXF, DGN, and DWG.
- Support multiple ergonomic digitizing devices: Mouse-Trak, TopoMouse™, and Immersion Device.

Image Analysis for ArcGIS

Image Analysis™ for ArcGIS is the GIS professional's all-in-one solution for preparing GIS-ready imagery, creating GIS-ready imagery from airborne sensors, and extracting and analyzing spatial and nonspatial information from imagery using supervised classification techniques. Image Analysis for ArcGIS saves time and increases accuracy by allowing users to work with their data directly within ESRI's ArcGIS. In addition, this intuitive software is easy to learn and use.

Features

- Single-frame orthorectification
- Orthorectification of frame camera, SPOT, Landsat, IKONOS, and QuickBird imagery as well as imagery with RPC information
- Oriented images created for use with Stereo Analyst for ArcGIS
- Color balancing and mosaicking
- Supervised land-cover classification
- Unsupervised classification
- Change detection
- Normalized Differential Vegetation Index
- Reprojection
- Import imagery from a variety of formats
- Raster-to-vector conversion and vice versa
- Access to some of the extension's functions through ESRI's ArcToolbox™



Management Results Inc.

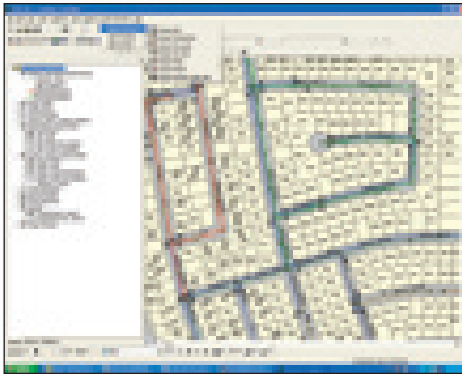
3951 Coventryville Road
Pottstown, PA 19465

Phone: 610-469-8617

Fax: 610-469-9168

Web: www.managementresults.com

E-mail: mri@managementresults.com



Management Results Inc. is a consulting firm focused on business process improvement, project management, software implementation, and software development.

The company has a broad client base that includes manufacturing, food, facilities, municipal government, energy, and water/wastewater industries.

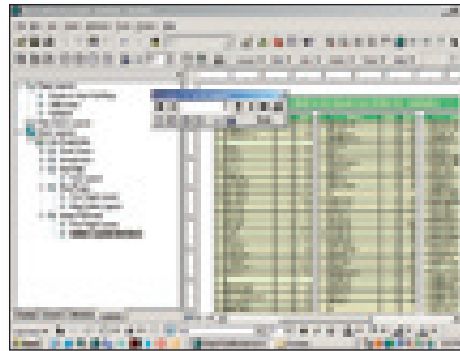
For its distributed asset-intensive clients, the company has developed its MaintenanceLink integration between ArcGIS and Avantis.PRO.

Avantis.PRO is a best-of-breed asset management package produced by Invensys Process Systems.

MaintenanceLink allows clients to fully utilize all the work management functionality of Avantis.PRO directly from their GIS applications. The company also utilizes the Avantis.PRO query functionality to dynamically display virtually any Avantis.PRO information as a layer or table on a map.

Using MaintenanceLink, its clients have been able to manage both their distributed assets and fixed assets within one asset management package.

Because MaintenanceLink is an extension to ArcGIS, it is complementary to other ESRI products and extensions such as ArcFM and StreetMap.



MapLogic Corporation

330 West Canton Avenue
Winter Park, FL 32789

Phone: 407-657-1250

Fax: 407-657-7008

Web: www.maplogic.com

E-mail: bnegahban@maplogic.com

MapLogic Layout Manager provides the most complete set of map book creation tools available on the market today. Fully integrated into ArcMap, this extension allows users to quickly create a professional looking map book with key and locator maps, indexes, page numbering, and many more features. MapLogic Layout handles all the details necessary for creating a true multipage document just like a standard word processor. Page numbering, indexing, two-sided printing, and previewing are all automatically handled by this tool. MapLogic Layout Manager has a number of key features.

- Stores multiple layouts within a single ArcMap document
- Automated map series (maps that span multiple pages)
- Automated locator maps (map showing location of current page)
- Automated key maps (overview of map series with page numbers)
- Automated series text (text that changes from page to page)
- Automated location indexes (e.g., Main Street, Page 9 B3)



Marshall

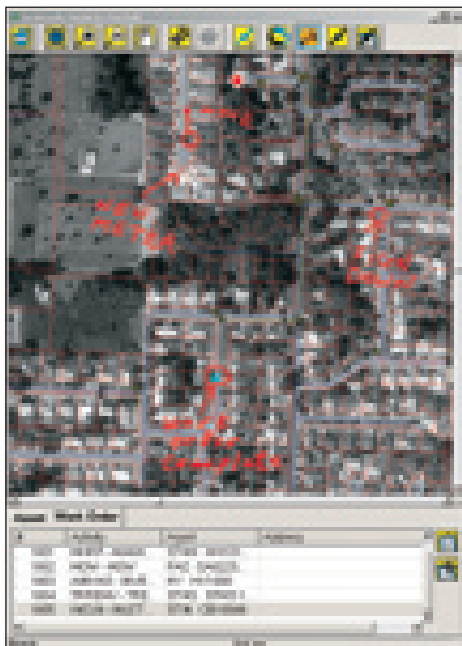
1603 Cooper Point Road NW
Olympia, WA 98512

Phone: 360-352-1279

Fax: 360-357-9903

Web: www.marshallgis.com

E-mail: hchristopher@marshallgis.com



GeoResults Mobile™, a map-based software product, allows users to bring GIS, map, and other business information to the field. GeoResults Mobile, powered by ESRI ArcGIS Engine and Microsoft .NET technology, saves time and money by streamlining field-based business processes including

- Asset inventory
- Information updates
- Work order management

GeoResults Mobile integrates information from disparate systems into a single mapcentric user interface to support normal workflow. Users see only data relevant to their activity so they can take action faster and make informed decisions in the field. GeoResults Mobile automates field-based business processes to reduce paperwork and capture field intelligence while allowing near real-time access to corporate information. Updates are instantly posted back to the corporate server. A single data entry point saves staff time and reduces errors. GeoResults Mobile supports wireless, disconnected, or intermittent connection, reducing trips to the office and eliminating downtime in the field.

GeoResults Data Loader™ is an ArcGIS extension that works in conjunction with Hansen's GeoAdministrator™ for ArcGIS to safely and securely migrate existing GIS asset and attribute data into Hansen in a batch process so staff members do not have to enter data by hand. This application can save significant time and effort when large numbers of assets need to be created and populated in the Hansen database. As assets are created in Hansen, key values are populated in the corresponding GIS feature, establishing a link that can be used by other Hansen GIS products and tools. With GeoResults Data Loader, staff can

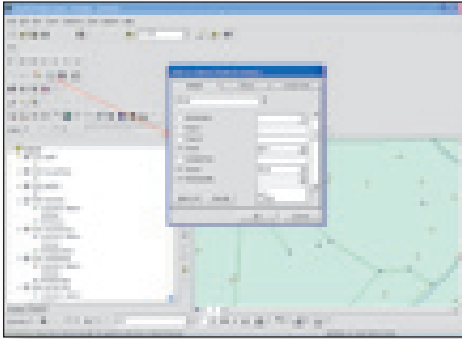
- Create multiple Hansen asset types from existing GIS data.
- Map GIS attributes to Hansen asset data fields, including custom workbench fields, and populate these values during the loading process.
- Customize the process to include information obtained by spatial overlay (e.g., district or ward) or proximity analysis (e.g., closest address).

GeoResults Toolbox is a set of ArcGIS productivity tools designed to streamline various GIS data entry and editing business processes. The feature editing tools are a set of automated process utilities that allow the creation of new asset features.

The productivity tools include

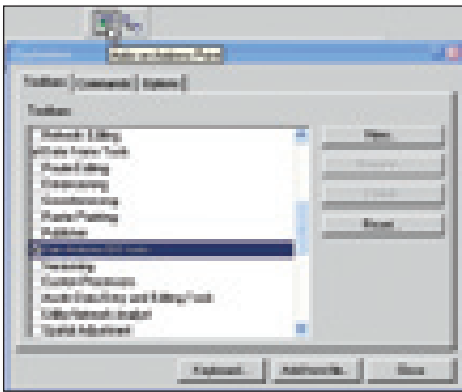
- Split Mainline: split the mainline with a user-defined junction at the selected location.
- Hydrant Placement/Lateral Creation: automate lateral creation.
- Flip Flow Direction: reverse flow direction for selected line features.
- Symbol Rotator: automatically rotate symbols for new features, either perpendicular or parallel to a mainline.
- Set Sticky Attributes: set default attributes at the session level.

GeoResults Web™ is a set of ArcIMS tools that allows users to query and display Hansen asset, work order, and service request information via a standard Web browser. These tools help organizations optimize resources and plan activities by allowing management and other users to access and query Hansen data from a user-friendly Web browser.



With GeoResults Web, staff can

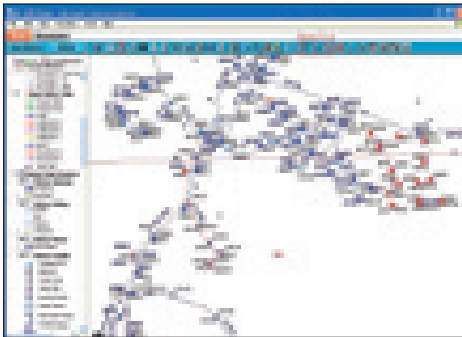
- Access Hansen asset inventory information for a selected asset including maintenance schedules and history.
- Produce a summary report of work orders or service requests matching user-defined filter criteria, optionally based on a spatial selection set.
- Print the resulting report.
- Display and print a map showing the locations of the assets associated with the matching work orders or service requests.
- Download both the spatial features representing the matching assets in shapefile format and the records in the report in Microsoft Access database format.



GeoResults Address Link™ is an easy-to-use, customized ArcGIS tool that extends the functionality of Hansen's GeoAdministrator to allow the user to centrally create and edit addresses and make the information available to multiple applications (e.g., GIS, Hansen) within the organization. This application helps ensure that address information is uniform and available to the applications that require it. GeoResults Address Link utilizes existing GIS addresses to protect the integrity of the organization's data.

With GeoResults Address Link, staff can

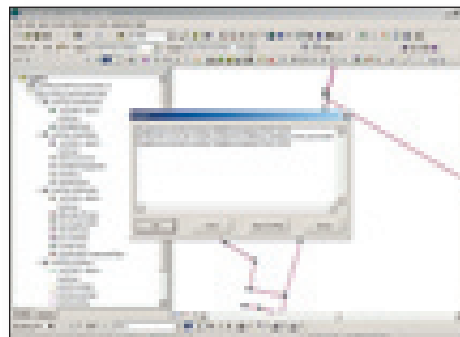
- Create new addresses using ArcGIS and post to Hansen and other databases.
- Push existing GIS addresses to Hansen and other databases.
- Associate GIS addresses to assets in Hansen.
- Link parcels and/or buildings to addresses.
- QA addresses in GIS with assets in Hansen.



GeoResults Sync™ is an extension that works in conjunction with Hansen's GeoAdministrator for ArcGIS to synchronize features stored in ArcSDE geodatabases and assets in the Hansen infrastructure management system. GeoResults Sync works with GeoAdministrator, ArcSDE, and a versioned geodatabase to enable multiple editors to check out a geographically referenced dataset, allow updates, then check the edited dataset back in to the corporate system, synchronizing Hansen and the GIS in the process.

With GeoResults Sync, staff can

- Verify spatial edits before making any changes to the Hansen corporate database.
- Selectively identify spatial edits to apply in Hansen.
- Create new Hansen assets, expire assets, split linear assets, merge linear assets, and modify attribute information in a single process.
- Produce a log of all modifications to the Hansen database and any attempted operation that failed.





Meteorlogix

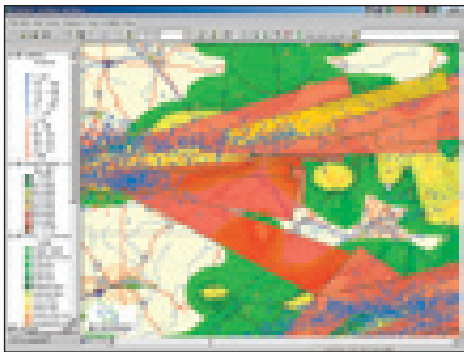
11400 Rupp Drive
Minneapolis, MN 55337

Phone: 952-882-4534

Fax: 952-882-4500

Web: www.meteorlogix.com

E-mail: shawn.truelson@meteorlogix.com



MxAnalyst 9

MxAnalyst™ provides the link between real-time weather information and ESRI's ArcGIS 9 environment.

As an extension to ArcGIS Desktop, MxAnalyst allows users to display and analyze geospatial weather information within their desktop GIS, enabling them to explore the past, present, and future effects of weather on their own assets and operations.

GIS weather data files—developing storms, lightning strikes, precipitation intensities, hurricanes, cloud cover, and more—are automatically delivered via the Internet to the user's desktop, where they are brought into ArcGIS Desktop as layer files that utilize standard weather symbology. Updates to the weather data layers can be triggered manually or automatically, as often as every five minutes.

MxAnalyst can also be utilized to fuel plume models such as ALOHA and HPAC.

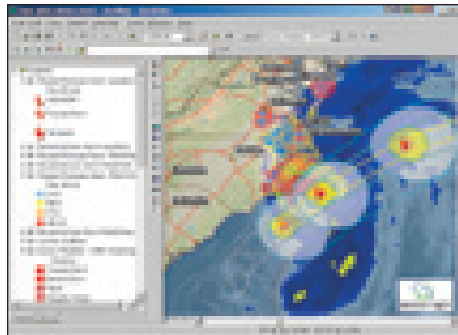
SiteWatch

How do users keep on top of ever-changing weather for events that may affect their citizens, personnel, assets, and activities? With a system that watches the weather for them.

SiteWatch™ is an innovative and patented blend of GIS technology and georeferenced weather information built on ESRI's ArcGIS platform. SiteWatch provides automated, location-based monitoring alerts and targeted message distribution.

The system allows users to enter weather parameters—heavy precipitation, hail, tornadic activity, high winds, temperature extremes, and more—for precise locations on their operational maps. When weather conditions approach or exceed a threshold that users set, the system generates an alert and sends out a notice by e-mail, XML, or a number of other fixed or mobile formats.

With SiteWatch, users will know about high winds along road segments or rail lines; heavy rain in areas prone to flash flooding; and developing tornadoes, thunderstorms, or hail heading toward schools and neighborhoods before they strike.





MetroWare

317 North Main Street, Suite 205
Las Cruces, NM 88001

Phone: 505-527-6471

Fax: 505-526-2111

Web: www.metroware.net

E-mail: darrell@geostat-intl.com

MetroWare's comprehensive software applications suite, mWare, consists of

- mCip—capital improvement planning
- mDev—development including accounting, engineering, and planning
- mDife—development impact fee estimation
- mFin—complete financial system with GASB 34, Comprehensive Annual Financial Report (CAFR), and economic reporting

mWare is built on core ESRI GIS products and offers users powerful tools that import GPS data, audio and video records, development notes, code infraction data, CAD attributes, and other activities. mWare applications operate in a server or stand-alone environment on ArcPad, notebook, laptop, and desktop platforms. Each application is coordinated and field-tested with professionals and local government offices.

MetroWare applications maximize productivity with customization of functional displays that resemble frequently used paper or automated forms. These customizations are standard with purchase and are designed to increase usability of the programs.

mCip—MetroWare's capital improvements program estimates and updates planned and unscheduled project costs. Budget projections use accurate marginal cost estimates and can be updated with Marshall and Swift or R.S. Means cost estimating data and software. Information is displayed in ArcGIS Desktop and ArcView joining capital improvements, maintenance, operational infrastructure, and facilities data with associated costs and current analyses. mCip contains complete financial data from the ledger level through required schedules to custom summary reports. mCip provides a 3D display containing cost and GIS locations for planning and budgeting capital improvement and examination of annexation costs to water, wastewater, storm drainage, and streets. mCip may be accessed from ArcGIS Desktop or will stand alone as an independent program application. mCip is the managerial tool for all state and local government capital improvement needs.

mDev—MetroWare's development program simplifies the infrastructure development and accounting processes. mDev was designed in conjunction with state and local engineers, planners, and accountants to meet new infrastructure development needs including GASB 34. mDev is an ArcGIS software-based application that enables users to view surface and subsurface infrastructure in a 3D environment by component and cost. mDev allows customized design of reports with tables, maps, and graphics including CAD attributes. mDev imports and associates all new development, operations, and maintenance projects with applicable professional services, construction, materials, and costs. Users can track each component with infrastructure age, condition, and expenses. mDev may be accessed from ArcGIS Desktop or will stand alone as an independent program application. mDev is the dynamic tool for all state and local government infrastructure development.

mDife—MetroWare's development impact fee estimation program associates infrastructure and facilities costs with eligible completed and planned asset improvements. The analytic applications provide accurate impact fee estimates for either marginal or average cost estimation. mDife is a GIS modular application designed specifically for ease of use and accurate estimates for particular benefit areas. ArcGIS complements mDife with maps of infrastructure and facilities associating location data and costs with capital improvements. mDife may be accessed from ArcGIS or will stand alone as an independent program application. mDife is the infrastructure tool for all state and local government impact fee estimation needs.

mFin—MetroWare's advanced software package combines accounting with ArcGIS spatially enabled capabilities in reports with customized documentation. mFin empowers users with a comprehensive accounting structure down to the smallest

Michael Baker Jr. Inc.

2925 Layfair Drive
 Jackson, MS 39232

Phone: 601-932-8895

Fax: 601-933-6206

Web: www.mbakercorp.com

E-mail: lcowart@mbakercorp.com

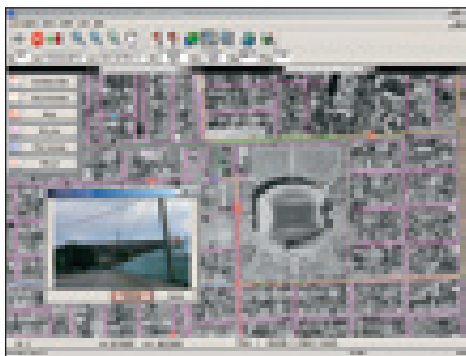
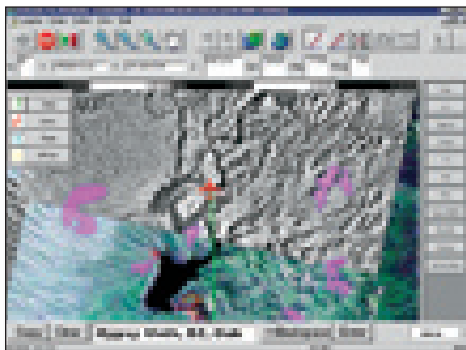
detail: infrastructure and facilities by components and segments for the entire system with all associated costs. mFin is a complete financial program with ArcGIS providing report capability with GASB requirements including GASB 34, CAFR, and American Institute of Certified Public Accountants reporting. mFin may be accessed from ArcGIS or will stand alone as an independent program application. mFin is the inclusive tool for all state and local government financial needs.

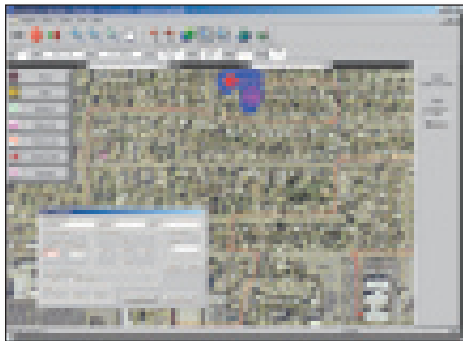
The patented GeoLink® Mapping System is the premier integrated GPS/GIS mapping and data management software package. Since 1988, GeoLink has been the state-of-the-art GPS/GIS field mapping and mobile computing solution, which imports directly into ArcGIS Desktop and ArcView environments. GeoLink technology promotes enterprise-wide GPS/GIS use in a single, open system environment. GeoLink 6.2 is available for GPS/GIS data collection and map display or with add-on modules, including Raster, GeoPhoto™, Sketching, eXternal Data Sensor (XDS), Laser XDS, SketchMapper, and Automated Methane Leak Detection System (AMLDS). GeoLink Mapping to Manage™ enables organizations to create geographic databases, update existing databases, and use GIS datasets for field maintenance and verification, and with the coming release of version 6.3, the support of geodatabases and ArcIMS Internet-served maps is right around the corner.

The GeoLink SketchMapper System is a sketch-based mapping package that provides superior results for mapping activities requiring fast, accurate feature location and attributing. This product incorporates many raster image and vector coverage processing features designed to facilitate navigation against background coverages while moving. A symbol representing the sketched feature's attributes appears on-screen at the sketch location. The feature attributes can be viewed and edited in the same manner as all other types of GeoLink features. During translation to GIS, the sketches and sketch attributes are output to the target GIS platform of choice such as the shapefile format. Drawing a feature replaces the need to survey the feature's boundary using the GPS positions. Sketching a feature is also used when it is not possible or practical for the operator to access the feature or traverse the feature's boundary.

The Raster Background Map Module is an add-on expansion module for the GPS/GIS GeoLink Mapping System. This powerful, user-friendly raster map display and image processing package allows a raster image to be displayed by GeoLink in its native format or converted to a software-specific format (.gor), which dramatically reduces screen regeneration time (10–100 times faster than the native format). Raster images supported and modified by ArcGIS Desktop, such as scanned quad sheets, maps, and aerial photographs, can be imported and displayed through the use of GeoLink's Raster Module. The Raster Background Map Module is ideal for field orientation, updating ArcGIS data files, navigating, checking the accuracy of existing paper maps, collecting ground control coordinates, and ground-truthing the classification of features seen on an image.

The GeoLink GeoPhoto expansion module creates photographic libraries of mapping interests, which automatically georeference digital photos with attributes. GeoLink's GeoPhoto TWAIN interface enables the utilization of most digital cameras, allowing digital photos to be associated to GPS locations and descriptive files. Files are formatted to transfer easily to ESRI's ArcGIS Desktop and ArcView as well as other GIS or CAD systems. GeoLink GeoPhoto allows the user to record up to 10 digital photos per collected feature and automatically populates the picture's directory path and file name for ready-to-use hot links in the GIS. GeoLink GeoPhoto is ideally suited for emergency response, real estate, utilities, transportation, and environmental and natural resource projects, among others.





The GeoLink GPS/GIS Mapping GO-KIT™ is an all-in-one hardware/software solution designed to meet all mapping needs. Jointly developed by Michael Baker Jr. Inc., the Federal Emergency Management Agency (FEMA), and the NGA (formerly National Imagery and Mapping Agency), the GO-KIT contains all the hardware and software needed to display, capture, and maintain datasets, which can be used for aerial, driving, or foot surveys. The system includes the GeoLink SketchMapper software with GeoPhoto Module, ruggedized computer, submeter GPS, sling pack, batteries/chargers, USB flash drive, and telescopic antenna pole—all conveniently packaged in a hard-sided, water-resistant carry case. Because the GeoLink Mapping System powers the GO-KIT's GPS/GIS functionality, importing and exporting data to ESRI's ArcGIS Desktop and ArcView are simple. Also included in the GeoLink SketchMapper software are preconfigured collection projects for the USDA Forest Service, U.S. Postal Service, and electric and gas utilities.

AMLDS is a special customization to the GeoLink Mapping System, which allows automatic mapping of methane detection surveys. The system is designed to directly import, display, and georeference sensor readings from flame-ionization and optical-methane detectors in real time. Supplementing the mapping display are two histograms documenting past methane readings as well as second-by-second numerical readings linked to audio/visual alarms for exceedance of parts per million tolerances. Multiple collectors can be linked via radio to a central monitoring unit for real-time tracking and for data storage into a single file. This reduces data retrieval/processing costs while easing GIS data management with direct export to ESRI's ArcGIS Desktop and ArcView platforms. By directly importing sensor readings, the system eliminates human error associated with manual entry, allows the user to perform regulatory surveys faster and more efficiently, and dramatically increases data turnaround time.

The eXternal Data Sensor Module is an excellent add-on solution for GeoLink users wanting to incorporate and georeference data received from external devices. The XDS Module graphically displays sensor readings in real time, can be used with real-time or postprocessed differential corrections for enhanced accuracy, and translates attributes and position data collected with the XDS device directly into ESRI's ArcGIS Desktop and ArcView. The module has many applications including feature mapping by laser range finder offset, underground pipeline or metals detection, radiation or gas leak detection, bathymetric mapping, meteorological measurements, wetland delineation, utility pole mapping, and E-911 inventories, among others. The module's architecture allows direct import/export of sensor readings from devices such as laser range finders, depth sounders, flame ionization units, optical methane detectors, radiation detectors, signal strength meters, air pollution monitors, paint sprayers, and bar code scanners. Baker's software engineers will also customize the XDS interface for the user's specific device.



MoosePoint Technology, Inc.

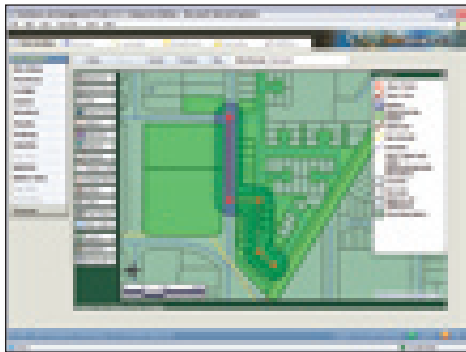
2260 Apollo Way, Suite 102
Santa Rosa, CA 95407

Phone: 707-566-6720, ext. 113

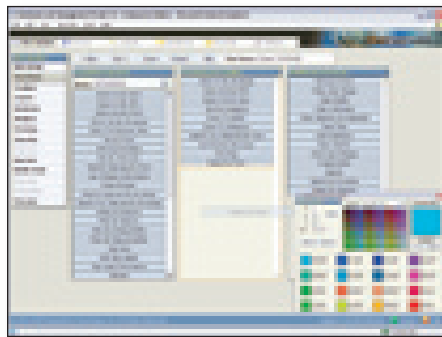
Fax: 707-566-6730

Web: www.moosepoint.com

E-mail: tim@moosepoint.com



GeoSmart.net is a companion product to ESRI's ArcIMS and ArcSDE mapping software, providing a flexible and easy-to-use development environment for building Web-based GIS applications and Web services for the entire enterprise. Using only a Web browser, nondevelopers can easily create and maintain sophisticated GIS applications without writing any code. Applications can be developed within hours and days, not weeks and months, reducing costs and maximizing return on investment. For more advanced requirements, developers can utilize GeoSmart.net to create highly customized GIS solutions. Deployed within multiple departments, GeoSmart.net provides a standardized development environment for both GIS staff and developers. The powerful management portal includes the Site Builder Wizard, Print Layout Wizard, ArcIMS Server Management, and User Security. Available in Enterprise and Standard editions, GeoSmart.net is fully scalable from a single Web server to multiple, load-balanced servers. In addition, application hosting is available in MoosePoint Technology, Inc.'s state-of-the-art data center.



Municipal Software Corporation

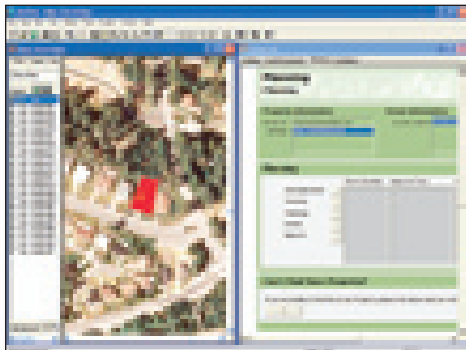
2043 Grove Street
Denver, CO 80211

Phone: 800-665-5647

Fax: 250-475-6080

Web: www.MunicipalSoftware.com

E-mail: rbennett@MunicipalSoftware.com



Municipal Software Corporation (TSX-V:MSZ) provides easily installed, packaged software solutions that manage the everyday business processes of local governments. The solutions are based on 23 years of experience with a product platform that easily adapts to the changing practices of clients. Branded under the CityView name, the company provides a number of out-of-the-box solutions automating practices in property management, permits and inspections, planning, code enforcement, business licensing, work orders and service requests, rental housing, and cashing. CityView Application Builder is a set of application development tools that allows the client to develop unique applications to match specific needs. Municipal Software offers a complete range of services from training and customer support of its suite of products to custom development for unique applications. CityView incorporates ESRI's MapObjects for seamless access to GIS data. CityView also allows deployment of maps and related data to the Web using ArcIMS.



Neighborhood America

2210 Vanderbilt Beach Road
Naples, FL 34105

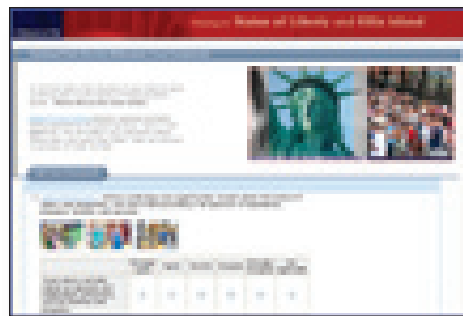
Phone: 239-591-6818

Fax: 239-513-0092

Web: www.neighborhoodamerica.com

E-mail: jbreed@neighborhoodamerica.com

When government must work cooperatively with the public, the IBM-Neighborhood America Public Comment Service provides the cost-effective solution. Public Comment Service enables working teams to manage public comment and maximize outreach efforts. Teams can efficiently collect, moderate, analyze, and report public comment. The Web-based system enables team members to collaborate and share information between agencies and across jurisdictions. Public Comment Service provides a secure, central repository of project information, with 24/7 accessibility. Integrated with ArcWeb Services, Public Comment Service provides decision makers with the ability to map citizen participation levels and monitor the effectiveness of outreach efforts. Implementing Public Comment Service is easy and does not require the purchase of additional software or IT systems. Since the solution is delivered through a "Software as a Service" model, governments only need a Web browser and Internet access to utilize the system. Visit www.PublicComment.com.



NewCom Technologies, Inc.

6000 Grand Avenue
Des Moines, IA 50312

Phone: 800-626-6234

Fax: 515-274-9622

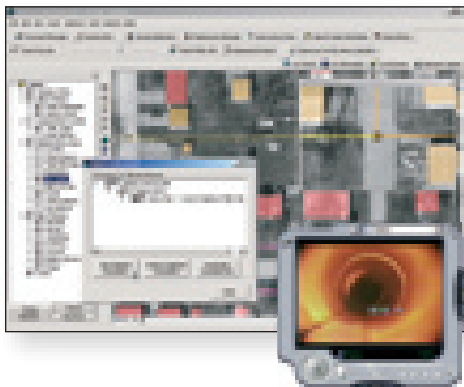
Web: www.newcomtech.com/gis

E-mail: gis@newcomtech.com

NewCom Technologies, Inc.'s experience in advanced GIS technologies comes from years of telecommunication system management and engineering. And now this advanced technology is available to cities and towns that desire to improve efficiencies but may not have the resources to do so. **See City** is an inexpensive entry to ESRI-based GIS and designed especially for the needs of small- and medium-sized cities and municipal utilities.



See City Public Works is a customized ArcMap extension to easily store, research, and analyze critical information for all utility systems. Use the Document Link tool to quickly access technical manuals, engineering notes, inspection videos, legal documentation, and any other information needed to store and tie to any plant asset. Customized editing tools allow users to easily add new facilities such as drafting in service shutoff valves and service lines with the Service Drafting tool. Integration of GPS data provides quick access to locate buried or hidden plant assets. Keep a sharp eye on company infrastructure with Water Meter Manager, Water Main Break Report, Maintenance Manager, Impervious Surface Area Calculator, Leaking Underground Storage Tank Display, and Asset/Maintenance Management Software integration.





Nobel Systems

1845 Business Center Drive, #130
San Bernardino, CA 92408

Phone: 909-890-5611

Fax: 909-890-5612

Web: www.nobel-systems.com

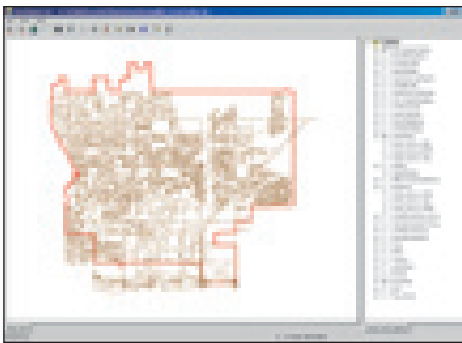
E-mail: glennfong@nobel-systems.com

GeoViewer Desktop

GeoViewer Desktop is a browser application written using ESRI's ArcGIS Engine technology that allows a user to view, query, or print from a GIS. Some important functions that GeoViewer Desktop provides include the ability to (1) create and print a map with the map composer function, (2) run textual and spatial queries, (3) link to external databases (Access, SQL, Oracle, ArcSDE), and (4) link scanned images to spatial features (embedded document management system, etc.). Also, tools such as valve isolation, flow direction, and upstream and downstream tracing are included with GeoViewer Desktop. GeoViewer Desktop allows an organization to deploy a GIS throughout the enterprise in a timely and rapid manner. Furthermore, GeoViewer Desktop is easy to learn and use.

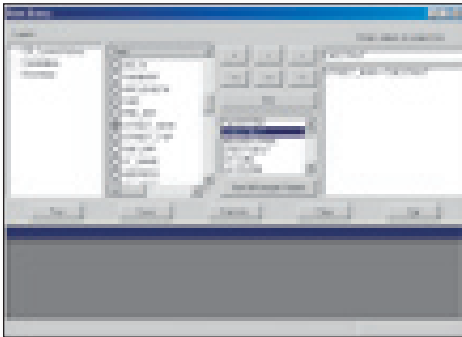
GeoViewer Pro

GeoViewer Pro is a browser application written using Microsoft .NET technology, Visual C# .NET programming language, and ESRI's ArcIMS and ArcSDE applications. GeoViewer Pro allows a user to view, query, or print from a GIS. Some important functions that GeoViewer Pro provides include the ability to (1) create and print a map; (2) run textual and spatial queries; (3) link to external databases (Access, SQL, Oracle, ArcSDE); (4) link scanned images to spatial features (embedded document management system); (5) redline a map; (6) create custom Crystal Reports and so forth; and (7) integrate with asset management systems, and so on. GeoViewer Pro allows an organization to deploy a GIS throughout the enterprise over a network, intranet, or Internet. Furthermore, GeoViewer Pro is easy to learn and use.



PrintWorks

PrintWorks is a plotting application written for ESRI's ArcGIS Desktop that allows a user to create high-quality atlas maps in PDF or JPG format. Some important functionality that PrintWorks provides includes the ability to (1) print the entire atlas map book or select pages, (2) print selective attribute information for the respective atlas map(s) printed, (3) select a particular resolution from 50 to 600 dpi to create the atlas map, (4) embed a public agency's logo onto the atlas map, and (5) include other pertinent information on the atlas map such as revision date and grid number. PrintWorks allows the user to produce high-quality atlas maps in a matter of minutes because the software is simple to use and deploy to multiple individuals within an organization.



GeoViewer Express

GeoViewer Express is a Web-based application written using Microsoft ASP.NET technology used in conjunction with ESRI's ArcIMS and ArcSDE applications. GeoViewer Express allows a user to view, query, or print from a GIS. Some important functions that GeoViewer Express provides include the ability to (1) create and print a map; (2) run textual and spatial queries; (3) link to external databases (Access, SQL, Oracle, ArcSDE); (4) export maps to PDF; (5) export spatial data to the client PC; and (6) search by predetermined criteria such as APN number, name, address, and street intersection. GeoViewer Express allows an organization to deploy a GIS throughout the enterprise over a network, intranet, or Internet. Furthermore, GeoViewer Express is easy to learn and use and was developed for the novice GIS user.



Orion Technology Inc.

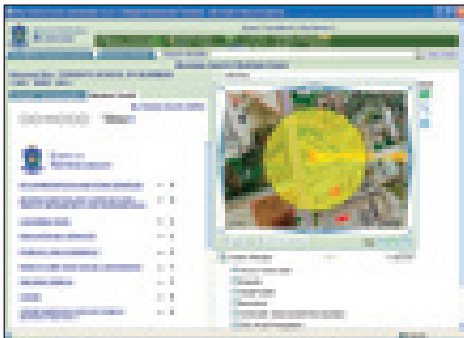
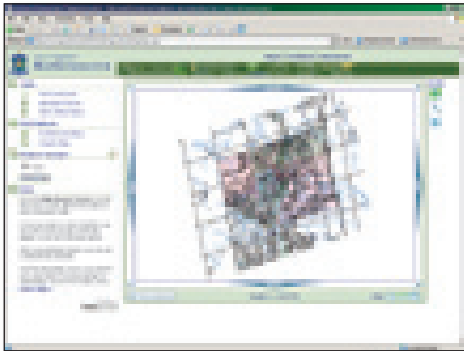
1550 Sixteenth Avenue
Building C North
Richmond Hill, Ontario L4B 3K9
Canada

Phone: 905-508-6900

Fax: 905-737-0567

Web: www.oriongis.com

E-mail: mmaniacco@oriongis.com



OnSite™ is a Web-based economic development tool that utilizes the strength of ArcIMS to drive economic development by allowing prospective businesses to view available properties in a municipality.

The initial search introduces a business to a property and provides an overview of the site with a series of site descriptions, demographic information, and nearby business reports. This allows prospective businesses to efficiently analyze competition and demographic data in the vicinity of available properties.

Each municipality has a different sense of what is important to a prospective business when considering the community. The OnSite Administration tool allows the municipality to specify search criteria based on its unique needs.

OnSite also provides a series of separate reports for each individual property listing, tailored to display the content chosen using OnSite's point-and-click Administration tool.

OnSite will ensure that the right property for the right business in the municipality will not be overlooked.

InstaMAP is a Web-based application that allows users to produce cartographic quality maps using a Web browser. It utilizes ArcIMS spatial server, ArcView, and ArcGIS MXD files and supports all ArcMap software-supported data formats (shapefiles, geodatabase, DGN, etc.). InstaMAP's user-friendly, self-serve format puts the GIS data to work for users of all levels.

InstaMAP allows the user to define unique templates, each describing a map or map book page layout. The user simply selects one from a drop-down list and specifies the geographic area to be used. The area is defined by choosing a pre-defined map tile (any polygon) or a user-defined extent.

InstaMAP's user-friendly Web-interface allows all staff members to produce high-quality cartographic maps they can be proud of while freeing GIS staff to focus skills where needed.

With InstaMAP, GIS data becomes the asset it was always intended to be: a resource at the hands of many.

OnPoint™ is an innovative and surprisingly simple solution to making ArcIMS and data stick. Developed by Orion Technology Inc., OnPoint brings together information from diverse databases and delivers it using geography as the key.

With a point and click, OnPoint will simplify access to vital information, helping users and their organizations make sound management decisions. And all this is achieved using a simple, highly adaptable, and intuitive interface.

OnPoint's real value is its cost-effectiveness and remarkable ease of installation and customization. With OnPoint's Administration Tool, changes are simple. Content, functionality, appearance, and security can be specified for different user groups. The company guarantees it is one of the flattest learning curves ever seen.

If a user's organization has geographic data, OnPoint will put it to work. It requires virtually no interruption in the organization's operations to install and operate. OnPoint opens new doors of untapped knowledge in an organization.



PBS&J

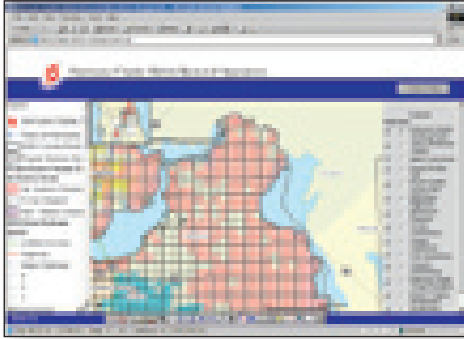
1880 South Dairy Ashford, Suite 300
Houston, TX 77077

Phone: 281-493-5100

Fax: 281-493-1047

Web: www.pbsj.com

E-mail: cmslovak@pbsj.com



Debris Removal Operations Management System

Disasters such as hurricanes, fires, and floods generate tremendous amounts of debris that must be removed and tracked according to debris type and source location. PBS&J's Debris Removal Operations Management System (DROMS) is a parcel-based management system that records incoming information about affected parties that require cleaning. Through dynamic linking of ESRI's ArcMap Server and ArcIMS, the system provides the ability to track progress of debris removal efforts, manage bin tracking, and calculate disposed debris tonnage. To facilitate recovery and restoration, insurance policy information and loan information are collected from each affected property owner to help expedite filings. Current status maps are easily generated and printed from the Internet. ESRI's ArcPad and GPS are used by field crews to record inspection information on a custom ArcPad form and add to the existing ArcMap Server layers for frequent status updates that guide operations efforts. Strict record keeping requirements for FEMA reimbursement are also managed by the DROMS.



Pro-West & Associates, Inc.

8239 State 371 NW

P.O. Box 812

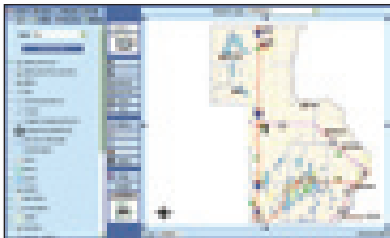
Walker, MN 56484

Phone: 218-547-3374

Fax: 218-547-3375

Web: www.prowestgis.com

E-mail: atheroux@prowestgis.com



WebFusion GIS is a Web-based GIS application built with ESRI ArcIMS software. WebFusion, which is highly customizable, serves as a centralized data access point that integrates data and provides numerous useful functions. WebFusion integrates imagery, databases, existing legacy systems, and GIS components via an easy-to-use Web interface that requires little training, thus providing agencies with an efficient e-government solution. Functions such as buffering, mailing label generation, reports, measuring, and markup tools are built in to this dynamic application. In addition, data such as permits, special assessments, sign inventories, utility maintenance records, scanned documents, CAMA, and emergency service incident records can be accessed and edited via WebFusion with only a Web browser and Acrobat Reader installed on the client's computer.

WebFusion allows for an endless amount of affordable opportunities for many organizations, since a single application can be formatted to fit the needs of in-house, public, and mobile uses.



ROK Technologies

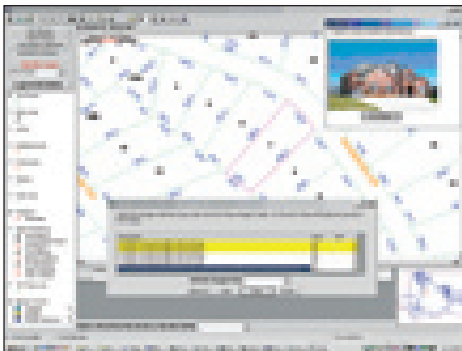
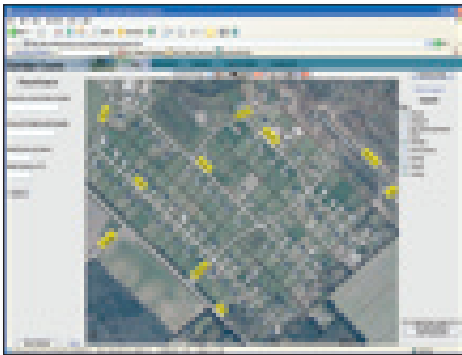
P.O. Box 21084
Charleston, SC 29413

Phone: 843-577-3192, ext. 204

Fax: 843-958-9700

Web: www.roktech.net

E-mail: plund@roktech.net



SDX

Spatial Data Explorer (SDX) is a powerful Internet application that provides online public access to tax parcels, land records, and other related spatial data (lakes, rivers, roads, forestland, aerial images, etc.). Developed using ESRI's ArcIMS technology, SDX allows users to query property records and create live, interactive maps through any standard Internet browser.

Spatial Data Explorer Version 9.2

- Advanced searching capabilities
- Radius searching
- Parcel Adjoiner tool
- Zoom to Selected Area on locator map
- Built using ArcIMS software's Java Servlet connector
- Supports image catalogs and MrSID file format
- Spatial searching for specific districts, zones, and parcels
- Support for and system integration with many common tax systems
- Supports multiple database tables
- Display and searching of an address point layer
- Geocoding tool to allow a user to geocode an address to the street centerlines and display a list of possible matches

ROK-DBDoc

ROK Technologies is proud to present the next generation of image and document management, ROK-DBDoc. Simply drag the files to be associated to the parcel or other spatial feature and drop the files on that feature. The document and/or images are stored in any ODBC-compliant database or locally in a Microsoft Access database with the parcel or feature key already associated. This functionality greatly reduces the amount of time spent on image management. In addition, ROK-DBDoc allows any document type to be associated with any spatial feature. ROK-DBDoc is a natural fit in an enterprise environment. An Internet/intranet module allows World Wide Web or intranet users to access images through a standard Internet browser. This module allows the user to search by a number of keywords, display lists of images or documents returned, and view the appropriate images with a simple click. ROK-DBDoc integrates seamlessly with ArcMap.

GoSpatial

GoSpatial is a unique ArcIMS application that allows organizations unlimited access to their data via a Web browser. The goals of GoSpatial are to minimize network traffic, decrease and centralize license pools, increase GIS performance, promote shared access among all users, and expand GIS knowledge. The ability to serve the public is significantly improved by timely access to the most up-to-date data and information. ArcSDE and ArcIMS technology have been used to immensely improve the value and integrity of the information through graphical presentations, analysis tools, and storage. The benefits are realized in the successful deployment of a reliable open system that integrates technology and collaborates user requirements and customization. The net results of implementing GoSpatial are confidence in the system and the ability to make faster and better decisions.



RouteSmart Technologies, Inc.

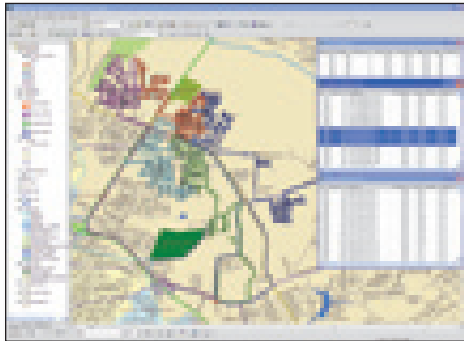
8850 Stanford Boulevard, Suite 2600
Columbia, MD 21045

Phone: 800-977-7284

Fax: 410-290-0334

Web: www.routesmart.com

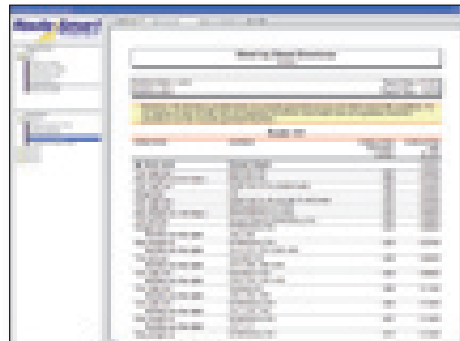
E-mail: info@routesmart.com



RouteSmart Technologies, Inc., develops, markets, licenses, and supports **RouteSmart for ArcGIS**—an ArcGIS technology-based routing application specifically designed for solving routing problems found within the public works environment. RouteSmart for ArcGIS has been applied to solving numerous high-density public works routing problems such as

- Residential and commercial waste collection
- Utility meter reading
- Snowplow route territory zone design and travel path sequencing
- Street sweeping and cleaning

RouteSmart for ArcGIS embeds natively within either ArcView, ArcEditor, or ArcInfo system environments. RouteSmart for ArcGIS is composed of a core set of balancing and sequencing solvers and user interface controls for managing data and navigating through the system to generate results, reports, and map outputs. RouteSmart for ArcGIS enables generation of accurate results for both driving and walking route planning through factoring inside-of-street, address-specific routing details.



SANZ

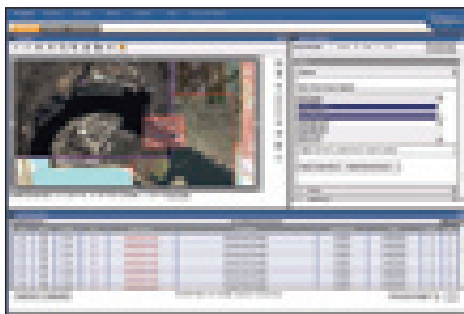
9800 Pyramid Court, Suite 130
Englewood, CO 80112

Phone: 303-495-6345

Fax: 303-814-0693

Web: www.earthwhere.com

E-mail: mharder@sanz.com

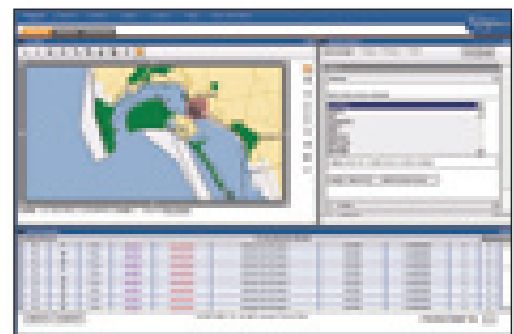


EarthWhere™ spatial data provisioning application from SANZ makes geospatial data easy to access and customize with amazing speed.

EarthWhere is an enterprise software application designed to meet the challenges of managing and disseminating geospatial imagery regardless of the media, location, or format. EarthWhere rapidly creates custom datasets based on the unique requirements of each end user. Using the easy-to-implement Raster Connect for ArcGIS, the EarthWhere application can be extended to support multiple end users from directly within an ESRI environment. Users can therefore access and provision geospatial data managed in EarthWhere without learning a new application.

EarthWhere also supports OGC-compliant Web Map Services that allow seamless integration with existing enterprise applications. The application can also be customized to rapidly process large volumes of data for system-wide implementations.

For more information and examples of how EarthWhere helps state and local governments provision data, e-mail ewsales@sanz.com or call 800-554-3880.





Spacient Technologies, Inc.
 445 South Figueroa Street, Suite 2600
 Los Angeles, CA 90071

Phone: 213-804-7478
 Fax: 213-559-9100
 Web: www.spacient.com
 E-mail: kosta@spacient.com



Spacient® Technologies, Inc., is a leading provider of enterprise field service management and mobile GIS mapping solutions for government and utilities. Through a focus on mobile mapping and field automation, Spacient delivers an innovative suite of software based on ESRI ArcGIS and professional services that enable government and utility organizations to improve asset maintenance and customer management; enhance security; increase field service efficiency; and comply with health, safety, and environmental regulations.

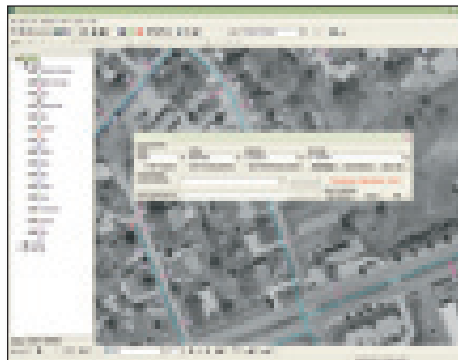
Spacient's flagship product, Fieldport®, is a leading ESRI-based enterprise mobile GIS mapping and field computing solution for integrated field service and asset maintenance operations. A one-of-a-kind solution built on the ESRI ArcGIS technology, Fieldport delivers a device- and platform-independent Web-based software application that integrates GIS mapping and GPS with customer and asset data in a single, simple, and user-friendly interface. Fieldport solutions are available for a wide variety of mobile device platforms and wireless data services. The Fieldport modular software suite can be implemented as a stand-alone solution or can be used to extend and integrate information from ESRI's ArcGIS systems and industry-leading back-office asset and customer management systems for managing, measuring, and optimizing field service operations.



Spatial Data Integrations, Inc.
 710 West Main Street, Suite 108
 Louisville, KY 40202

Phone: 502-568-2591
 Fax: 502-568-3628
 Web: www.sdimaps.com
 E-mail: tlyon@sdimaps.com

At Spatial Data Integrations, Inc. (SDI), the company only utilizes GIS. It knows that designing and managing a mapping system from scratch is an enormous task and that, as a utility manager, the user's time is best spent taking care of customers and the utility. Users often have too little time to take on a comprehensive mapping project and too little money to hire full-time GIS personnel. The company's software has been developed by utility personnel specifically for the water and wastewater industry using ESRI MapObjects and ArcView 9.x technologies to give its customers a user-friendly GIS program that allows them quick and easy access to information needed to make sound operation and management decisions. The company's software requires no prior knowledge of GIS or database administration and minimal computer experience. Combined with SDI's consulting services to guide the user's utility, creating the user's own GIS can be as simple as point, click, and map.





Spatial Data Logic

Spatial Data Logic

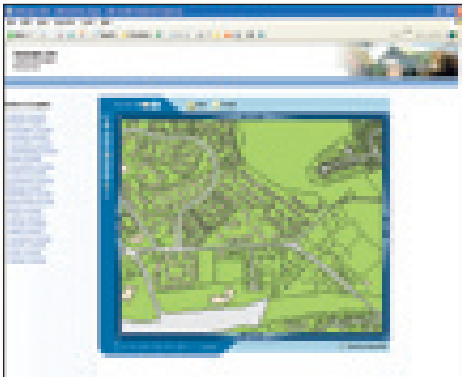
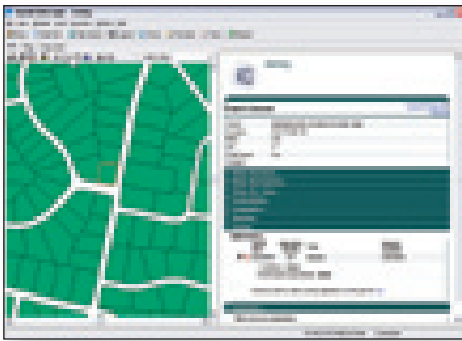
270 Davidson Avenue, Suite 301
Somerset, NJ 08873

Phone: 732-357-1280

Fax: 732-357-1299

Web: www.spatialdatalogic.com

E-mail: jFlood3@SpatialDataLogic.com



GeoLogic.Net Solution

The GeoLogic.Net solution is an enterprise suite of workflow automation tools for municipal government organizations. Modules offer users the ability to process everyday tasks, such as the generation of a building permit, and utilize advanced GIS tools such as a parcel boundary update.

Users can log in from any location where they have access to a broadband Internet connection. This is essential for employees who do not have their primary office within the confines of the municipal complex. Municipal engineers, consultants, planners, commissioners, and so forth, can perform these tasks from their own workplace.

GeoLogic.Net utilizes ArcGIS software from ESRI. The service enables users to process applications, create parcels, modify the placement or description of municipal infrastructure, label and plot maps, and perform spatial analysis.

GeoLogic Municipal Portal

Spatial Data Logic (SDL) has created the Municipal Portal, which enables constituents to interact with the municipality 24/7. The portal creates an electronic partnership between the municipality and its citizens and merchants by providing access to municipal data and maps.

Constituents use the portal to remotely apply for permits, request inspections, make status inquiries, and log service requests. Scanned documents, such as permits, surveys, plans, drawings, resolutions, and variances, are stored as electronic files. These images are then available to municipal employees and the general public from any Internet browser.

The mapping portion of the Municipal Portal utilizes ArcIMS from ESRI. Users can generate static maps utilizing a variety of GIS layers: parcels, easements, roads, municipal assets, public buildings, and so on. Ad hoc reports, such as "Show all schools that are within five miles of specific parcel," are included. Traditional functions, such as parcel offset reports, are also supported.

GeoLogic Desktop Solution

SDL has created software for municipalities that integrates GIS into everyday workflow. Citizens can request property lookups, search/use GIS data and apply for permits and inspections via the SDL Municipal Portal, and communicate with the municipality's GeoLogic software from the comfort of their home. This enables seamless integration and information sharing between local government and constituents.

GeoLogic software is based on ESRI's MapObjects (migration to ArcGIS Engine is planned). The software is tailored to individual municipal departments and their needs. GIS is woven into GeoLogic, providing the workflow automation needed by each department. It is known as "the everyday GIS."

SDL also offers desktop functionality as an application service provider. The service is called GeoLogic.Net and is based on ESRI's ArcGIS and Microsoft .NET technologies. The GeoLogic.Net service will minimize hardware, software, and support resources required to keep data current and systems running.



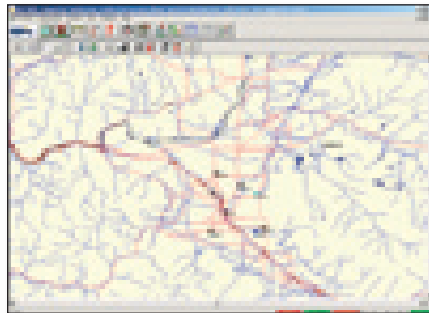
SPL WorldGroup, Inc.

526 Market Street, 33rd Floor
San Francisco, CA 94105

Phone: 415-963-5600
Fax: 415-963-5601
Web: www.splwg.com
E-mail: sharon.close@splwg.com

SPL WorldGroup, Inc., delivers the proven enterprise asset and work management (SPL EAM), mobile workforce management (SPL MWM), outage management (SPL OMS), and distribution management (SPL DMS) solutions with integrated ESRI GIS capabilities that help utilities around the world achieve competitive advantage and excellence in business performance. SPL solutions are specifically designed for energy, water, and service companies, providing a platform from which clients serve residential, commercial, and industrial customers in regulated and competitive markets.

Financially strong and with customers on six continents, SPL focuses on clients' return on investment and fosters long-term relationships based on confidence and trust. To learn more, visit www.splwg.com.



Tadpole Technology Group

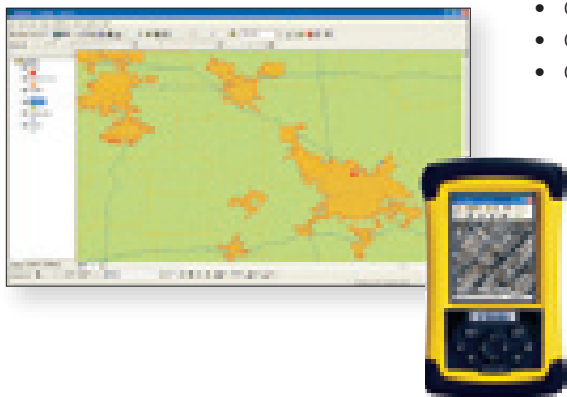
2237 Faraday Avenue, Suite 120
Carlsbad, CA 92008

Phone: 760-929-8345
Fax: 760-692-0484
Web: www.tadpoletechnology.com
E-mail: carrie.turner@us.tadpole.com

The Geospatial Solutions Division of Tadpole Technology Group develops turnkey infrastructure software that supports the management, replication, and distribution of enterprise ArcGIS data within and between organizations. By extending ArcGIS in their business processes, organizations can integrate and access up-to-date data on demand, from any location, at any time. Tadpole Technology's GO! Sync solutions improve data reliability, scalability, and flexibility and ensure concurrency and integrity.

The Tadpole Technology **GO! Sync** product offering includes

- GO! Sync (Redline)—use the smart way to create and manage field sketches.
- GO! Sync (ArcPad)—streamline GIS data synchronization between ArcPad and enterprise or personal geodatabases.
- GO! Sync (View)—broadcast ArcGIS data between ArcSDE and pGDB.
- GO! Sync (Edit)—synchronize ArcGIS data between ArcSDE and ArcSDE/pGDBs.
- GO! Sync (Replicate)—replicate ArcGIS data between multiple ArcSDE servers.





TBE Group Inc.

380 Park Place Boulevard, Suite 300
Clearwater, FL 33759

Phone: 727-531-3505

Fax: 727-539-1294

Web: www.tbegroup.com

E-mail: rbowers@tbegroup.com

Path of Least Resistance (**PLRMap**) is built within ArcMap and finds the best path or alignment for new road construction or road widenings, considering ERP and project needs. The GRID ERP evaluation looks at water bodies, waterways, significant habitat, wetlands, archaeological sites, greenways, parks, groundwater recharge areas, and so forth. The GRID needs evaluation looks at future population, utility corridors, future land use, and more.

All users have to do is pick a starting and ending point. After they configure the weighting factors and cross-section types to meet their standards, then PLRMap does the rest. The results include

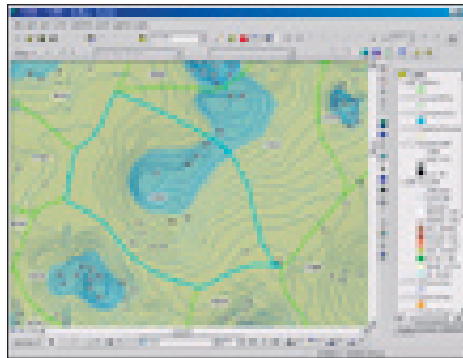
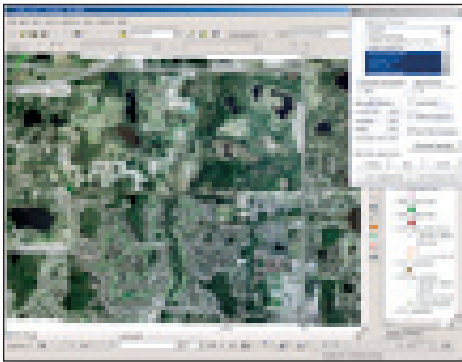
- Best alignment for new roads and road widenings
- Right-of-way acquisition costs per cross-section type
- Suitability and needs evaluation

This application is ideally suited for transportation agencies and departments.

Utility Tracker is the first-of-its-kind, comprehensive tracking tool built for ArcMap. It is used to manage utility inventory, joint project agreements, utility adjustments, payments, right of occupancy, and construction schedule, all in one easy-to-use interface.

Once utilities have been accurately located and stored in a geodatabase, the user simply selects a pipe segment or group of pipe segments and fills out the forms.

Utility Tracker is a must for small to large roadway projects in which utility changes occur. This application was a key to success in the Texas Department of Transportation's SH 130 project, a new 95-mile toll road paralleling I-35 around Austin, Texas.



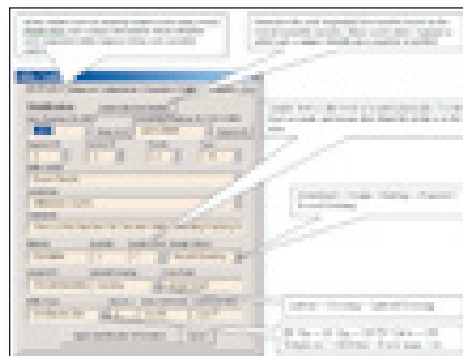
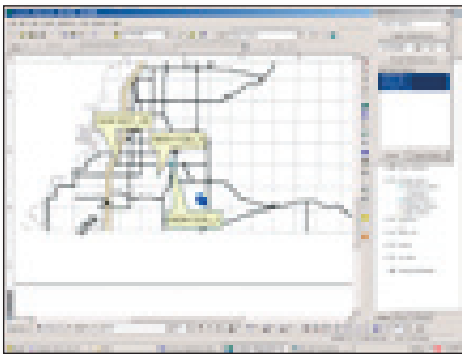
Watershed Management Analysis and Mapping System (**WatershedMAP**) is designed to expedite the flood hazard analysis and mapping process and provide defensible results. The system applications include

- Hydraulic feature inventory form (GPS and ArcPad)
- Survey requirements form (GPS and ArcPad)
- Automated curve number calculation (ArcMap)
- Automated stage-storage (ArcMap)
- Automated time of concentration (ArcMap)
- Automated floodplain delineation, combining ponding and channel criteria (ArcMap, ArcGIS Spatial Analyst, and 3D Analyst)

With easy-to-use interfaces, WatershedMAP provides exactly what agencies and municipalities need to inventory, analyze, and manage their watersheds.

Other applications built for the public sector include

- Stationing of utilities entering/exiting right-of-way (ArcMap)
- Subsurface utility designating and locating field sketches (ArcPad and ArcMap)
- Automated pipe and structure IDs (ArcMap)
- Sewer lateral creation and labeling (ArcMap)
- Attribute callouts on map (ArcMap)
- Pipe defects from CCTV inspection logs (ArcMap)
- Sign, signal, and sidewalk data collection form (ArcPad)
- Plan/Profile sheets in GIS (ArcMap)
- Posting field-collected data via GPS on the Web in less than 10 minutes (ArcIMS)
- Water demand, consumption, and projected use (ArcMap)
- Wastewater generation, collection, and treatment (ArcMap)
- Rezoning petition (ArcMap)
- Corridor preservation (ArcMap)
- Right-of-way acquisition (ArcMap)
- Finding vacant or developable lands (ArcMap)
- Land infill (ArcMap)





TDC Group, Inc.

211 South Main Street, Suite 220
Dayton, OH 45402

Phone: 937-461-2000

Fax: 937-461-2150

Web: www.tdc-group.com

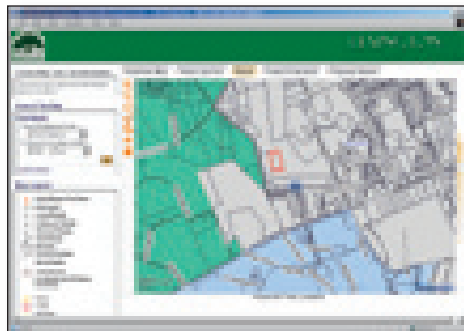
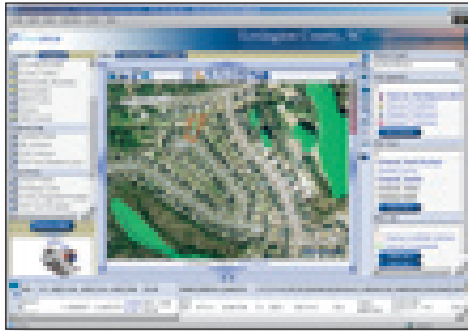
E-mail: mreddington2@tdc-group.com

Freeance™ is a powerful, yet easy-to-use software platform that allows users to rapidly build custom applications in ArcIMS software in a point-and-click environment. Freeance integrates live databases with ArcIMS software and adds tools that make applications more intuitive and interactive for users. Developed for in-house use, Freeance radically reduces the time, cost, and complexity of building and maintaining Web-mapping applications.

Freeance software is installed in state and local government agencies throughout the United States.

The Freeance Direct module brings live event mapping and batch geocoding to ArcIMS software. System administrators are able to build batch geocoding and live event mapping into their Web applications. Map data records straight from GPS field device databases. No data translation to the user's GIS is needed. No coordinate conversion. No Web-mapping downtime. Freeance Direct does it all live. Freeance Direct opens up a new world of application possibilities for departments such as emergency management, public works, public safety, and environmental.

Freeance now allows users to use low-cost, portable BlackBerry handheld devices with their ArcIMS software and enterprise databases. It is an exciting new mobile GIS software that ties together users' local map data, GIS and enterprise databases, and BlackBerry handheld devices in mobile GIS applications.





Tele Atlas

11 Lafayette Street
Lebanon, NH 03766

Phone: 800-331-7881, ext. 1751

Fax: 603-643-6808

Web: www.teleatlas.com

E-mail: john.auble@teleatlas.com

For vital government functions, no geographic data is more accurate, complete, or easier to deploy than data from Tele Atlas. The company's land base data solution supports critical mapping applications, and Tele Atlas provides robust maintenance programs to keep the data current. For more than two decades, state and local government agencies have depended on Tele Atlas for mapping, geocoding, and comprehensive turn-by-turn coverage.

The company's advanced data collection and compilation processes ensure the most up-to-date coverage in rural areas and urban centers, enabling 911 response, homeland security, law enforcement, social services management, and more. Tele Atlas can facilitate a rapid enterprise-wide deployment, where governments can share data across multiple agencies and departments. And it can supplement agency mapping data work or become the agency's data maintenance partner, as it has done for several states.



Tighe & Bond

Tighe & Bond

324 Grove Street
Worcester, MA 01605

Phone: 508-754-2201

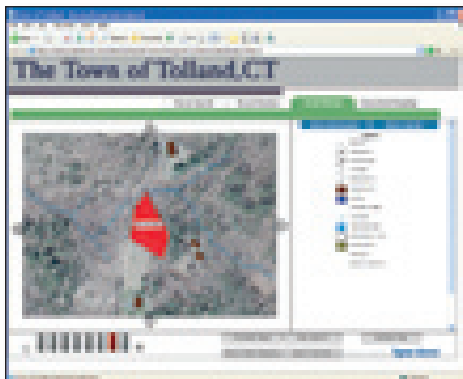
Fax: 508-795-1087

Web: www.tighebond.com

E-mail: mblake@tighebond.com

Tighe & Bond developed its Interactive Internet Mapping (I2Map) application to allow clients to maximize the utilization of their enterprise GIS while simultaneously minimizing both startup and recurring costs. The heart of the system is the company's secure data warehouse facility, where it hosts GIS data. Clients can access this data via the Internet using the I2Map application that provides access to all mapping data and provides an easy-to-use interface for property searches and the generation of abutters' lists.

Municipalities can have **I2Map** configured as both a secure site and an open site for use by the general public. The general public version may have limited map and database information depending on the client's desires. The I2Map application can also be customized easily for specific needs such as the add-on module for the general public to enter requests for services through a Web-based GIS application.





Trimble

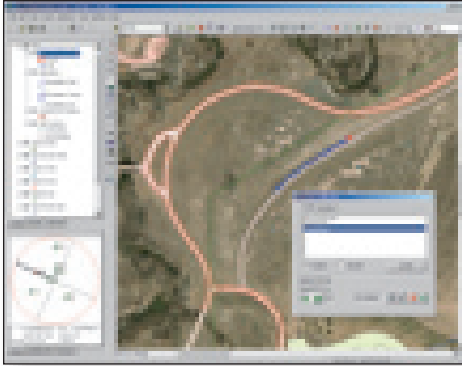
7401 Church Ranch Boulevard
Westminster, CO 80021

Phone: 800-480-0510

Fax: 720-887-6101

Web: www.trimble.com

E-mail: Colleen_Miller@trimble.com



Trimble GPSCorrect Extension for ESRI ArcPad Software

The Trimble GPSCorrect extension for ESRI ArcPad software collects GPS data for postprocessed differential correction. It enhances the ArcPad field software with the high-quality GPS location data that the user's GIS demands. The user can differentially correct GPS data using the Trimble GPS Analyst extension for ESRI ArcGIS software or the GPS Pathfinder Office software, and the resulting data can go right into the user's GIS. Because it integrates Trimble GPS into ArcPad, the GPSCorrect extension gives extra benefits. The user gets effortless and complete control over the Trimble GPS receiver including intuitive GPS status information. Now it is easier than ever to use real-time differential corrections for accurate GPS positions in the field.

Trimble GPS Analyst Extension for ESRI ArcGIS Software

GPS Analyst streamlines workflow and improves productivity by bringing direct GPS postprocessing and analysis to the ArcGIS environment. With Trimble's proven correction engines, GPS Analyst makes it easy to improve the quality of field data. And, because GPS data is stored directly in a user's geodatabase, GPS data can be effortlessly overlaid and analyzed with other GIS layers. GPS Analyst is customizable with ArcObjects, giving the flexibility to create workflows that exactly suit data processing. GPS Analyst improves field-to-office workflow by making GPS data an integral part of GIS.



Urban Crossroads, Inc.

41 Corporate Park, Suite 300
Irvine, CA 92606

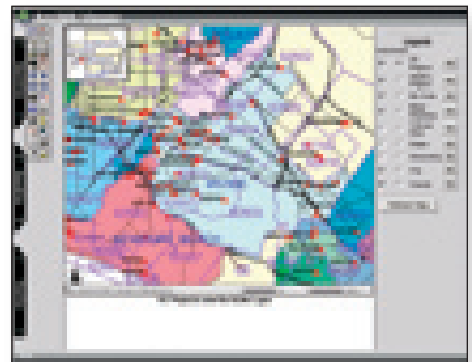
Phone: 949-660-1994

Fax: 949-660-1911

Web: www.urbanxroads.com

E-mail: bdennis@urbanxroads.com

Many organizations have made significant investments in both Web-based GIS and document management systems. In most cases, these systems do not integrate together and, therefore, are not able to leverage the true power of each of the respective technologies. Urban Crossroads, Inc.'s **GeoDoc** allows these systems to be linked through a robust set of tools for spatially locating, viewing, and sharing scanned images/documents stored in a document management system through the ESRI ArcIMS interface and vice versa. Easy to access and utilize, GeoDoc's components are embedded into the GUI of a selected map service as a dynamic tab control or command button in the document management application. GeoDoc is a powerful extension that effectively leverages an organization's investment in GIS and document management.





Vanasse Hangen Brustlin, Inc.

101 Walnut Street
P.O. Box 9151
Watertown, MA 02471-9151

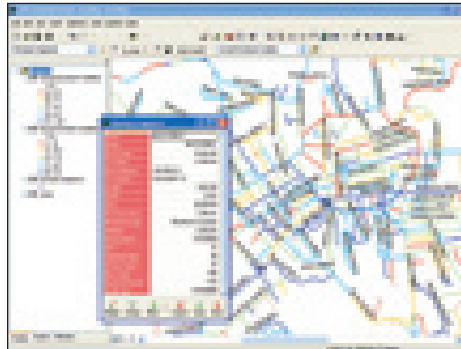
Phone: 617-924-1770
Fax: 617-924-2286
Web: www.vhb.com
E-mail: khoward@vhb.com

RoadManager Geographic Pavement Management System

Vanasse Hangen Brustlin, Inc.'s new RoadManager Geographic Pavement Management System is a powerful pavement management system that runs from a toolbar inside of ArcGIS Desktop. The software is not linked to GIS—it becomes part of it.

Features

- Pavement inventory with flexible database that can be defined by the user
- GIS tools to Add, Edit, Split, and Merge pavement segments
- Uses dynamic segmentation to create segments
- Pavement Condition Index (PCI) calculation based on standard visual distress evaluation
- Maintenance needs and repair history records for every road section
- Any number of customized reports created and saved using the flexible ad hoc reporting system
- Advanced budget analysis capabilities to predict future pavement conditions under various funding scenarios or to determine required budget to meet various levels of service
- Repair alternative selection based on any number of factors such as roadway classification, surface type, PCI, condition of curb or sidewalk, and deflection data
- User-definable pavement deterioration curves
- Creation of any number of predefined thematic maps for displays such as current pavement condition, future pavement condition, planned maintenance and rehabilitation work, and repair history
- Built-in charts to display pavement conditions and projected funding scenario results





Visual Learning Systems, Inc.

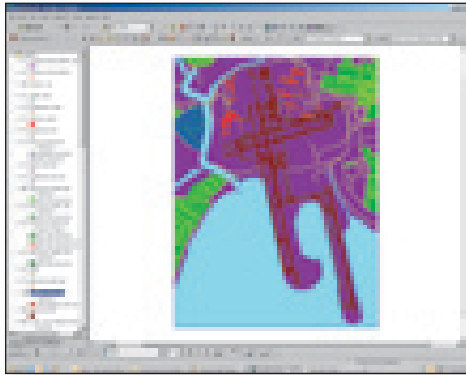
P.O. Box 8226
Missoula, MT 59807

Phone: 406-829-1384

Fax: 406-829-3593

Web: www.vls-inc.com

E-mail: sblundell@vls-inc.com



Feature Analyst

Turn imagery assets into a geodatabase and start solving problems rather than digitizing features. Feature Analyst provides a cost-effective solution for local government agencies that have to maintain GIS data layers using very high- or low-resolution imagery and also extracts features from scanned maps and drawings. The technology is exceptionally accurate, reduces labor costs, is simple to use, and is integrated within the ArcGIS workflow. Originally developed for NASA and the Department of Defense, Feature Analyst for ArcGIS has emerged as the premier feature extraction solution for state and local government customers as well.

Feature Analyst supports solutions for a wide variety of applications including

- Parcel mapping and property appraisal
- Pervious and impervious studies
- Asset inventory and management (GASB 34)
- Land base and GIS maintenance
- Homeland security applications
- Storm water management design and application development

LIDAR Analyst

For state and local governments that have found the processing of lidar data complex, difficult, and time consuming, LIDAR Analyst is a highly sought-after solution for automating the collection of 3D features from lidar data within the ArcGIS environment. LIDAR Analyst uses multireturn lidar data, including intensity bands, to discern and extract 3D features. The extracted features include attributes such as building height, roof type, and tree crown width. LIDAR Analyst was tested against 3,100 surveyed ground points and captures and extracts nearly 100 percent features within centimeters of sensor accuracy. LIDAR Analyst provides this level of accuracy with a simple one-button automation.

In combination with Visual Learning Systems, Inc.'s Feature Analyst software, the LIDAR Analyst application provides professionals with a wide range of feature extraction workflows for lidar and multiband imagery.

LIDAR Analyst offers the following capabilities:

- Automated feature extraction from lidar
- Bare-earth modification tools
- 3D feature creation tools
- Cleanup tools
- Polygon reshape tools

VUEWorks™ AM

VUEWorks Inc.

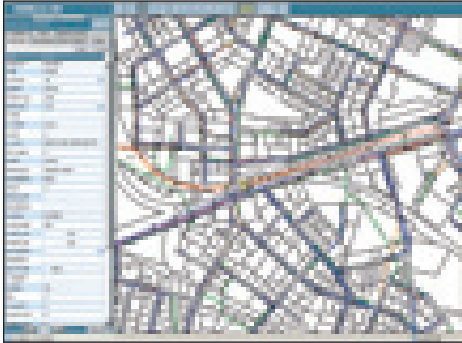
10 Ferry Street, Suite 137
Concord, NH 03301

Phone: 603-228-8100

Fax: 603-375-5830

Web: www.vueworks.com

E-mail: jay.couture@vueworks.com



VUEWorks™ AM is a Web-enabled suite of software modules for managing infrastructure assets that integrates seamlessly with ArcIMS. VUEWorks provides a powerful set of features for tracking inventory, condition, capacity, performance, value, risk, work orders, and capital projects to help organizations make asset management decisions. VUEWorks modules can help local government and utility professionals

- Manage data for any class of physical assets.
- Graphically represent asset locations on a map.
- Schedule, track, and report on service requests and work orders.
- Link to external data for visualizing and querying.
- Track asset performance and condition.
- Track depreciation expense and value per GASB 34.
- Attach and manage electronic document links.
- Budget for capital improvement planning.
- Use risk-based criteria to prioritize and justify expenditures.
- Quickly access an application from any Internet connection.

WISE

Watershed Concepts

6201 Fairview Road, Suite 400
Charlotte, NC 28210

Phone: 704-643-0108

Fax: 704-553-6151

Web: www.watershedconcepts.com

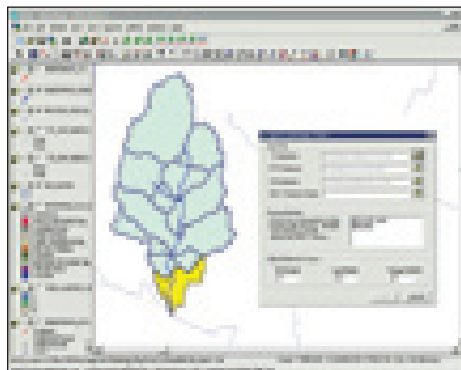
E-mail: jchapman@watershedconcepts.com

WISE

The Watershed Information System (WISE®) sets the standard as a comprehensive system to manage, access, and analyze large amounts of water resources data. WISE uses an innovative open data storage system for terrain and infrastructure data that allows it to handle much larger datasets than other programs currently available.

WISE relies on customized programming written in Visual Basic using ESRI's MapObjects and ArcSDE technology. The program can be used as a stand-alone or enterprise solution, improving the output for engineers modeling large watersheds. The data for complicated model engines is the key to the process. WISE is the solution to managing that data effectively and efficiently.

Adopted as a national standard and used in both private and public sectors, WISE is currently used as the core data management system by three statewide mapping programs and on hundreds of FEMA regional studies.





For more than 35 years, ESRI has been helping people manage and analyze geographic information. ESRI offers a framework for implementing GIS technology in any organization with a seamless link from personal GIS on the desktop to enterprise-wide GIS client/server and data management systems. ESRI GIS solutions are flexible and can be customized to meet the needs of our users. ESRI is a full-service GIS company, ready to help you begin, grow, and build success with GIS.

Corporate

ESRI
380 New York Street
Redlands, California
92373-8100, USA
Telephone: 909-793-2853
Fax: 909-793-5953

For more information
on ESRI, call

1-800-447-9778

(1-800-GIS-XPRT)

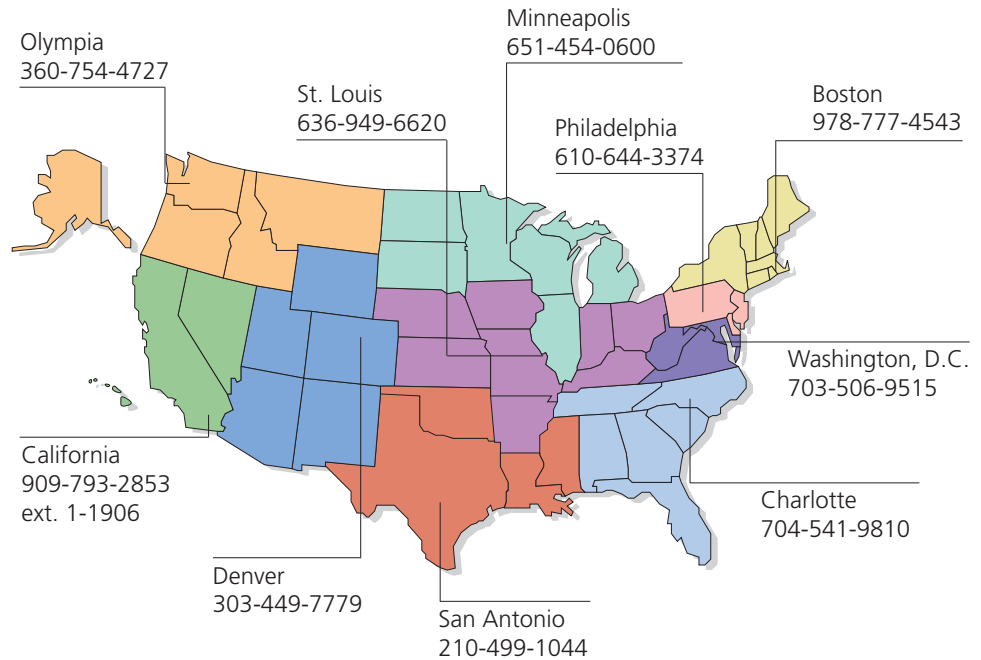
or contact an ESRI value-added
reseller near you.

Send e-mail inquiries to
info@esri.com

Visit ESRI's Web site at
www.esri.com

Outside the United States,
contact your local ESRI distributor.
For the number of your distributor,
call ESRI at 909-793-2853,
ext. 1-1235,
or visit our Web site at
www.esri.com/distributors

ESRI Regional Offices



ESRI International Offices

Australia
www.esriaustralia.com.au

Finland
www.esri-finland.com

Italy
www.esriitalia.it

Romania
www.esriro.ro

Belgium/Luxembourg
www.esribelux.com

France
www.esrifrance.fr

Japan
www.esrij.com

Singapore
www.esrisa.com

Bulgaria
www.esribulgaria.com

Germany/Switzerland
www.esri-germany.de
www.esri-suisse.ch

Korea
www.esrikr.co.kr

Spain
www.esri-es.com

Canada
www.esricanada.com

Hungary
www.esrihu.hu

Netherlands
www.esrinl.com

Sweden
www.esri-sweden.com

China (Beijing)
www.esrichina-bj.cn

India
www.esriindia.com

Poland
www.esripolska.com.pl

Thailand
www.esrith.com

China (Hong Kong)
www.esrichina-hk.com

Indonesia/Malaysia
62-21-527-1023
603-7874-9930

Portugal
www.esri-portugal.pt

United Kingdom
www.esriuk.com

Venezuela
www.esriven.com



Place ESRI business partner or distributor address here.

Copyright © 2006 ESRI. All rights reserved. ESRI, ArcView, ArcIMS, the ESRI globe logo, ArcGlobe, ArcObjects, 3D Analyst, the ArcGIS logo, ArcCatalog, ArcMap, ArcScene, ArcPad, StreetMap, MapObjects, ArcToolbox, ArcInfo, ArcEditor, ArcSDE, ArcGIS, @esri.com, and www.esri.com are trademarks, registered trademarks, or service marks of ESRI in the United States, the European Community, or certain other jurisdictions. Other companies and products mentioned herein are trademarks or registered trademarks of their respective trademark owners.



No. GS-35F-5086H