

Commercial GIS Products

Product	Supplier
AgentSheets	AgentSheets Inc
Type: Geosimulation	http://www.agentsheets.com/
Simple commercial agent-based simulation package. An authoring tool that allows non-programmers to create agents with behaviors and missions, teach agents to react to information and process it in personalized ways, and combine agents to create sophisticated interactive simulations and models	
AltaMap suite	Geomicro Inc., Irvine, CA, USA
Type: Telecommunications/visibility	http://www.geomicro.com/
GIS aimed at telecom applications, especially LBS for fleet tracking, mapping and routing. Particular focus on US requirements and web-based deployment	
ANUDEM	ANU
Type: Terrain analysis	http://cres.anu.edu.au/outputs/anudem.php
M F Hutchinson's DEM grid generation program. Takes irregularly spaced points, contour lines and vector stream data as input and produces hydrologically consistent DEM output (implemented in ArcGIS)	
AnyLogic	XJ Technologies
Type: Geosimulation	http://www.xitek.com/
Powerful general purpose commercial agent-based simulation package. Brings together System Dynamics, Process-centric (AKA Discrete Event), and Agent Based approaches within one modeling language and one model development environment	
Arc2Earth	Arc2Earth
Type: GIS tools	http://www.arc2earth.com/
ArcGIS to Google Earth converter. Arc2Earth can export data in several different layouts. All of these layouts are useful in different ways from within Google Earth. Some are good for preserving the exact cartographic characteristics of the map and some are better for 3D extrusion and user interaction inside Google Earth. Any of these methods can also be combined together to form complex KML documents	
ArcGIS	ESRI Inc, Redlands, CA, USA
Type: GIS	http://www.esri.com/
General purpose, comprehensive, very extensive toolsets, vector focused with substantial raster support. Cross industry, Open Geospatial Consortium (OGC) compliant. Core "analysts" include: Geostatistical analyst: ESDA and geostatistics; Districting: free districting/re-districting utility; Tracking analyst: spatio-temporal tools; Spatial analyst: Surface/raster tools including basic interpolation; 3D Analyst: 3d analysis and visualisation; Network analyst: shortest path and related network analysis tools.	
ArcLogistics Route	ESRI Inc, Redlands, CA, USA
Type: Logistics	http://www.esri.com/software/arclogistics/
ArcLogistics Route is a complete out-of-the-box solution for complex vehicle routing and scheduling problems. ArcLogistics Route creates dynamic routes and schedules to minimize costs and meet time windows, track operating costs, and create customer reports	
AutoCAD Civil 3D	AutoDesk, San Rafael, USA
Type: Visualisation (2D and 3D)	http://usa.autodesk.com/adsk/servlet/index?siteID=123112&id=3566722
CAD/Engineering with Geospatial mapping and analysis	
Bentley Microstation Geograp	Bentley Systems Inc, USA
Type: GIS	http://www.bentley.com/en-US/Products/MicroStation/
CAD platform for the design, construction and operation of the major infrastructure projects. A substantial range of products aimed at Civil engineering applications, especially core infrastructure utilities: telecommunications, gas, water, electricity	

Product	Supplier
Boundaryseer Type: Specialised data analysis http://www.terraser.com/products_boundaryseer.php Designed for the detection, description and analysis of geographic boundaries. It detects patterns and then tests them statistically	Terraser Inc, Ann Arbor, Mi, USA
CadCorp SIS Type: GIS http://www.cadcorp.com/products_geographical_information_systems/ CadCorp SIS (Spatial Information System) from UK. An integrated suite of desktop GIS, developer kits and mobile	Cadcorp Ltd, Stevenage, UK
CadnaA Type: Noise mapping http://www.datakustik.com/en/products/cadnaa/ Noise and pollution analysis and mapping software	Datakustik GmbH, Germany
Calpuff View Type: Emergency and Hazard Assessm http://www.weblakes.com/calpuff/calpuff_overview.html Pollution dispersal modelling tool (part of a family of environmental and hazard assessment tools from this company). Calpuff View is comprehensive modeling tool that includes meteorological and geophysical data processors, a meteorological model, a puff-based dispersion model, and post-processing modules. Online demonstrations are available via http://www.weblakes.com/lakedemo.html	Lakes Environmental Software Inc, Waterloo, Ontario, Canada
CARIS GIS Professional Type: GIS http://www.caris.com CARIS Marine GIS is designed to provide a comprehensive spatial information management tool that addresses the GIS needs of a marine operational environment. CARIS provide a range of products, many with a strong marine/hydrographic survey and charting focus	CARIS, Fredericton, New Brunswick, Canada
CATS Type: Emergency and Hazard Assessm http://www.saic.com/products/simulation/cats/cats.html Consequence Assessment Tool Set. CATS is a powerful analysis system for Natural and Technological disasters. Requires ArcGIS V9 with Spatial Analyst. CATS includes hazard prediction, data creation, data management and analysis models for data fusion analysis that supports disaster and other emergency management	SAIC (contact via web site), USA
Cellular Expert Type: Telecommunications/visibility http://www.cellular-expert.com/ An ArcGIS based wireless telecommunications networks planning, optimisation and data management solution. ESRI's ArcGIS and Spatial Analyst are pre-requisites.	HNIC-Baltic, Vilnius, Lithuania
Clusterseer Type: Cluster analysis http://www.terraser.com/products_clusterseer.php Evaluates disease clusters and non-disease events such as crime or sales data. You can determine whether a cluster is significant, where it is located, and when it arose, providing insight into the origin, causes, and correlates of the event	Terraser Inc, Ann Arbor, Mi, USA
ComSuite Design Type: Telecommunications/visibility http://www.rcc.com/products/comsitedesign/ Windows platform design suite for telecommunications network design and planning. Not based on GIS technology.	RCC Consultants Inc, Woodbridge, New Jersey, USA
Didger Type: Specialised mapping http://www.goldensoftware.com/products/didger/didger.shtml Manual and automated digitising, georeferencing, reprojecting/coordinate conversion, and mosaicking software, with extensive import/import	Golden Software Inc, Golden, CO, USA

Product	Supplier
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DYNAMEQ	INRO, Montreal, Canada
Type: Traffic simulation and forecasti http://www.inro.ca/en/products/dynameq/ Traffic flow simulation. A professional modelling tool for transportation planners who need to account for the temporal effects of congestion. The current maximum network size consists of 10 000 links, 5000 intersections and 1000 transportation analysis zones. See also EMME 3	

Earthware	Earthware, Bedfordshire, UK
Type: Visualisation (2D and 3D) http://www.earthware.co.uk/ 3D visualisation tools and services, especially for markets such as tourism, golf courses, property developers	

Easy NN	Neural Planner Software Ltd, Cheshire, UK
Type: Neural networks http://www.easynn.com/ Simple Windows-based neural network modeller	

EMME	INRO, Montreal, Canada
Type: Traffic simulation and forecasti http://www.inro.ca/en/products/emme/ GIS-compatible travel demand forecasting package, with interactive map/data point-and-click visualisation	

ENVI	ITT Visual Information Solutions, Boulder, Co, USA
Type: Remote sensing analysis http://www.itvis.com/ProductServices/ENVI.aspx Environment for Visualising Images, provides powerful analysis of remote sensing image data, with support for vector format import and overlay (see also, RiverTools). For a review of V4.4 see: http://vector1media.com/article/review/review%3a-envi-4.4/	

ER Mapper	ER Mapper, Woking, Surrey, UK
Type: Specialised mapping http://www.ermapper.com/ (purchased by Leica in 2007). Provider of geospatial image processing, compression and distribution software. Handle very large image files and databases (terabytes)	

ERDAS Imagine	ERDAS, USA
Type: GIS http://www.erdas.com/ A suite of software tools designed specifically to process geospatial imagery - strong focus an spectral analysis and high quality classification. Many add-on modules, including "Image Analysis for ArcGIS", which enables data to be processed and loaded straight into an ArcGIS geodatabase.	

eRouteLogistics	Institute of Information Technology, Inc., Texas, USA
Type: Logistics http://www.e-iit.com/eRouteLogistics.html Routing and logistics. In addition to routing system they providing tracking and facility location optimisation. Technology appears to be built on ESRI technology and is available as an ASP (web-based) service as well as stand-alone	

Feature Analyst	VLS (now part of Overwatch/Textron Systems), Sterling, VA., USA
Type: Terrain analysis http://featureanalyst.com/feature_analyst.htm Feature extraction from raster images. Feature Analyst is available as an extension to the following GIS software platforms: ArcGIS, ERDAS IMAGINE, GeoMedia, and SOCET SET. Overwatch products appear to be aimed primarily at the Intelligence community	

FloodWorks	Wallingford Software Ltd, Howbery Park, Wallingford Oxfordshire, OX10 8BA, UK (HQ)
Type: Hydrological analysis http://www.wallingfordsoftware.com/uk/products/floodworks/ FloodWorks is a modular software package for real-time simulation and forecasting of extreme hydrological and hydraulic conditions within river basins, drainage systems and the coastal zone	

Product	Supplier
FME Type: Specialised mapping http://www.safe.com GIS Data Translator: FME supports fast and easy conversion between over 50 projections and over 6000 predefined coordinate systems. Spatial data extract, transform and load (ETL) tools.	Safe Software, Surrey, BC, Canada
Fractal terrains Type: Specialised mapping http://www.profantasy.com/products/ft.asp Artificial fractal terrain creation tool. See web site for related map creation tools designed for game playing and other applications	ProFantasy Software Ltd, London, UK
GA Lib (MATLab) Type: Genetic algorithms http://www.mathworks.com/products/gads/index.html?ref=pfo Genetic Algorithm and Direct Search Toolbox extends the optimization capabilities in MATLAB and Optimization Toolbox with tools for using genetic algorithms, simulated annealing, and direct search	The Mathworks Inc., Natick, MA, USA
GenaMap Type: GIS http://www.genasys.com/ Mapping tools and location based services (LBS) software, for mobile operators and other sectors	Genasys, Madrid, Spain
GeoExpress Type: Image handling http://www.lizardtech.com/ Geospatial Image Processing and Data compression (MrSid, DjVu). GeoExpress 6.1 combines the strengths of the industry-standard image compression format, MrSID, with the ISO-standard JPEG 2000, and integrates powerful image editing and manipulation tools to bring you the most advanced geospatial imaging software on the market - includes tools for reprojection, advanced color balancing, area of interest encoding and multiresolution mosaicking	Lizardtech
Geographic Calculator Type: GIS tools http://www.bluemarblegeo.com One of a set of Bluemarble's geographic utility software, which includes coordinate conversion, image re-projection and related utilities and code libraries	Blue Marble Geographics, Maine, USA
Geographically weighted regr Type: Statistical analysis http://www.nuim.ie/ncg/GWR/ Geographically weighted regression is a technique for exploratory spatial data analysis (S Fotheringham, C Brunson, M Charlton)	National Centre for Geocomputation, National University of Ireland Maynooth, IRELAND
Geomatica Type: GIS http://www.pci.on.ca/ Image-centric GIS package with particular emphasis on Automated Orthorectification, Mosaicking, DEM Extraction, Feature Extraction and Change Detection. Spatial analysis tools include: buffer, dissolve, overlay, proximity analysis, topographic analysis, spatial interpolation and watershed analysis	PCI Geomatics Group, Ontario, Canada
Geomedia Type: GIS http://www.intergraph.com/sgi/default.aspx General purpose database-driven GIS suite	Intergraph Inc, Huntsville, AL, USA
Geoplot Type: Specialised mapping http://www.geoscan-research.co.uk/page9.html Geophysical analysis and mapping. Software used in conjunction with Geoscan resistivity hardware	Geoscan research, Bradford UK

Product	Supplier
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Geostat	Geostat Systems International Inc, Quebec, Canada
Type: Geostatistical analysis	http://www.geostat.com/English/products.htm
Geostatistical software (and related products and services) aimed at the mining industry.	

Grapher	Golden Software Inc., Golden, CO, USA
Type: Graphing	http://www.goldensoftware.com/products/grapher/grapher.shtml
Graphing package. Full range of conventional graphing, plus range of rose diagram graphing options and simple 3D graphing of surfaces as contours and shaded surface diagrams. From the developers of the gridding/3d surface visualisation product, Surfer.	

Groundwater Modeling System	EMS-I, South Jordan, UT, USA
Type: Hydrological analysis	http://www.ems-i.com/GMS/GMS_Overview/gms_overview.html
Groundwater management system (2D and 3D). One of suite of three (Surface Water Modeling and Watershed Modelling System). Provides tools for every phase of a groundwater simulation including site characterization, model development, calibration, post-processing, and visualization.	

GS+	Gamma Design Software, Plainwell, MI, USA
Type: Geostatistical analysis	http://gammadesign.com/
Geostatistical analysis program for desktop systems. Introduced in 1988 as the first integrated geostatistics program for the PC. GS+ offers all components from semivariance analysis through kriging, conditional simulation and mapping in an integrated package.	

HertzMapper	ATDi, Paris, France
Type: Telecommunications/visibility	http://www.atdi.com/icstelecom.php
Telecommunications planning package, now superceded by ICS telecom	

ICS Telecom	ATDi, Paris, France
Type: Telecommunications/visibility	http://www.atdi.com/icstelecom.php
Telecommunications network planning and management software with related mapping/cartographic products and services	

Idrisi	Clark Labs, Clark University Worcester, MA, USA
Type: GIS	http://www.clarklabs.org/
A sophisticated GIS and Image Processing software solution that includes over 200 modules for the analysis and display of digital spatial information. Special facilities are included for environmental modeling and natural resource management, including change and time series analysis, land change prediction, multi-criteria and multi-objective decision support, uncertainty analysis and simulation modeling. TIN interpolation, Kriging and conditional simulation are also offered. Raster-based product, especially for environmental sciences. Remote sensing, land management. See also, Land Change Modeller (LCM) for Idrisi and ArcGIS	

ILOG CP	ILOG, Gentilly, France
Type: Logistics	http://www.ilog.com/products/dispatcher/
Vehicle routing, scheduling and dispatching (Logistics) suite. Includes 3 modules: Solver, Scheduler and Dispatcher. Part of the ILOG optimisation product set (see also, CPLEX)	

IMMI	Woefel GmbH, Bavaria, Germany
Type: Noise mapping	http://www.woefel.de/en/products/modelling-software/immi-noise-mapping.html
Noise and pollution modelling and mapping	

InfoWorks	
Type: Hydrological analysis	http://www.wallingfordsoftware.com/
The InfoWorks suite of products is a family of software products that embraces the whole water cycle from supply and distribution, urban drainage and wastewater management through to river management modelling	

Product	Supplier
Instant Atlas Type: Specilaised mapping http://www.instantatlas.com Web-based analytical mapping and reporting, also with desktop option. Strong focus on statistical mapping for health and government sectors. ESRI business associate	Geowise, Edinburgh, UK (owned by ESRI inc)
ISATIS Type: Geostatistical analysis http://www.geovariances.com/ Geostatistical software for the Earth sciences - aimed especially at Oil, Gas and Mining sectors.	Geovariances, Avon, France
LEDA Type: Optimisation http://www.algorithmic-solutions.com/ Algorithmic suite including extensive range of graph (network) analysis utilities. Provides the network analysis kernel for at least one GIS package provider	Algorithmic Solutions, Germany
LIDAR Analyst Type: Terrain analysis http://featureanalyst.com/lidar_analyst.htm Feature extraction from LIDAR data. LIDAR Analyst is a 3D feature extraction solution for airborne LIDAR (Light Detection and Ranging or Laser Imaging Detection and Ranging) data. tools for accelerated feature extraction (AFE), DEM editing, hill shading and relief, building squaring, and data attribution for buildings, tree points, and forest polygons.	VLS/Overwatch, Textron Systems
LINGO Type: Optimisation http://www.lindo.com/ A comprehensive suite of software for building and solving linear, nonlinear and integer optimization models. The 3 core components are also available as a Solver Suite for USD195, again with limited problem size. Fully functional free trial versions are available for download	Lindo Systems Inc
Manifold Type: GIS http://www.manifold.net/ Manifold is described by its suppliers as a "word processor for maps". It is also described as a "database system for maps" that will allow you to embed database information into a map so that the map can be used as a visual interface into the data. General purpose, very extensive toolsets, vector focused with raster support. Cross industry, OGC compliant. Many analytical functions are built-in via the ViewBots facility and the Transform operator tool - this includes basic operations such as buffer and clip, but also more complex operations such as spline smoothing and Voronoi region computation. A range of surface analysis operations (e.g. map algebra, visibility analysis, interpolation etc.) plus network analysis (optimal routes, drive time zones etc) are included	Manifold Inc, Carson City, NV, USA
MapInfo Type: GIS http://www.mapinfo.com/ General purpose, vector focused with raster support. MapInfo Professional is a powerful Microsoft Windows-based mapping application that enables business analysts and GIS professionals to easily visualize the relationships between data and geography. Cross industry/Marketing; HotSpot Detective (J Ratcliffe) for crime analysis. Tools provided include basic operations (e.g. buffering, distance and area computations etc); re-districting tooools, a range of surface operations (e.g. interpolation, TIN operations, viewshed analysis etc.)	Mapinfo Inc, troy, NY, USA
MapInfo HotSpot Detective Type: Crime analysis http://www.spatialdecisions.com.au/products.htm - HSD HotSpot Detective (developed J Ratcliffe) for crime analysis as an add-on for MapInfo	Spatial Decisions, Australia
MapMerger Type: Specialised mapping http://www.esea.com/products/ MapMerger conflation software, built as ESRI ArcMap extensions. Software and service solutions for maintaining accurate multi-source vector data.	ESEA, Los Altos, CA, USA

Product

Supplier

Maptext/Label EZ

Maptext Inc, Plainsboro, NJ, USA

Type: Specialised mapping

<http://www.maptext.com/>

A range of specialist software solutions for high-quality cartographic label-placement

Maptitude

Caliper Corp., Newton, MA, USA

Type: GIS

<http://www.maptitude.com>

General purpose GIS, with strong network/transportation facilities, see also TransCAD

MapViewer

Golden Software Inc., Golden, CO, USA

Type: GIS

<http://www.goldensoftware.com/products/mapviewer/mapviewer.shtml>

A simple but powerful mapping and spatial analysis tool that facilitates production of publication-quality thematic maps

Mathematica

Type: Specialised data analysis

<http://www.wolfram.com/products/mathematica/newin7/content/IntegratedGeodesyAndGIS/>

Integrated Geodesy & GIS now included in Mathematica's powerful maths package. Mathematica 7 includes support for advanced high-precision geodesy, providing a modern foundation for accurate geospatial information and computation. With comprehensive support for all standard reference ellipsoids, datums and projections, Mathematica 7 streamlines the process of importing, combining and computing with geospatial data from varied sources (many GIS formats) –as well as supporting symbolic geodesy, fully integrated with Mathematica's broad mathematical computation capabilities.

MATLab plus toolboxes

The Mathworks Inc, Natick, MA, USA

Type: Mathematical/Statistical library <http://www.mathworks.com/>

Matrix/mathematical package with optional mapping toolbox, image processing toolbox and statistics toolbox; free spatial statistics toolbox (L Pace). The Mapping Toolbox provides a comprehensive set of functions and graphical user interfaces for building map displays and performing geospatial data analysis in MATLAB. You can create map displays that combine data from multiple modalities and display them in their correct spatial relationships. The toolbox supports standard analyses, such as line-of-sight calculations on terrain data or geographic computations that account for the curvature of the Earth's surface. Most of the functions in the Mapping Toolbox are written in the open MATLAB language. This means that you can inspect the algorithms, modify the source code, create your own custom functions, and automate frequently performed tasks.

The toolbox supports key mapping and geospatial data analysis, manipulation, and visualization tasks that are useful in applications such as earth and planetary scientific research, oil and gas exploration, environmental monitoring, insurance risk management, aerospace, defense, and security.

Natureserve Vista

Natureserve, Arlington, VA, USA

Type: Emergency and Hazard Assessment <http://www.natureserve.org/prodServices/vista/overview.jsp>

An environmental decision support system (DSS) that integrates conservation information with land use patterns and policies, providing planners, resource managers, and communities with tools to help manage their natural resources. Built on ESRI's ArcGIS platform

Optrak

Optrak Distribution Software, Hertford, UK

Type: Logistics

<http://www.optrak.co.uk/>

Routing and logistics - Vehicle Routing, Load Planning and Scheduling tool

Oriana

Kovach Computer Services, Angelsey, UK

Type: Directional analysis

<http://www.kovcomp.com>

Statistical analysis of circular datasets

R2V

Able Software Corp, Lexington, MA, USA

Type: GIS tools

<http://www.ablesw.com/r2v/index.html>

Raster to Vector conversion software

Product	Supplier
REACT Type: Logistics Routing and logistics - REACT includes functionality such as real-time scheduling of vehicles and drivers, dynamic routing, real-time vehicle fleet tracking and dispatch systems and fleet tracking.	MJC2, Crowthorne, Surrey, UK http://www.mjc2.com/
RiverTools Type: Hydrological analysis Hydrological analysis package; written in IDL and compatible with ENVI. GIS application for analysis and visualization of digital terrain, watersheds and river networks. One of RiverTools' most powerful features is its ability to rapidly extract drainage network patterns and analyze hydrologic data from very large DEMs	RIVIX Llc, Broomfield, CO, USA http://www.rivix.com/
RoadEng Type: Specialised mapping Surveying and Mapping packages for civil engineering and road design. Also terrain mapping and other tools	Softree, N Vancouver, BC, Canada http://www.softree.com
RouteSmart Type: Logistics Routing and logistics. Integrates with ESRI's ArcGIS suite.	RouteSmart Technologies, Inc. Columbia, MD, USA http://www.routesmart.com/
SAGE2001 (SAGE2005) Type: Geostatistical analysis Geostatistical analysis package (to be updated shortly)	Isaaks & Co, Redwood City, CA, USA http://www.isaaks.com/
Smallworld Type: GIS Smallworld Systems Inc. (purchased by GE in 2000) - especially used for planning large-scale electric, gas and water distribution systems, designing telecommunications networks and evaluating strategic market opportunities	GE Energy, USA http://www.gepower.com/prod_serv/products/gis_software/en/index.htm
Software listing Type: GIS tools Listing of a variety of GIS related software	http://ecat.gisSAFE.com/index.php
SpaceStat Type: Statistical analysis Spatial statistics package for spatial econometric modelling (see also, GeoDa, for a comparable product)	Terraseer Inc, Ann Arbor, MI, USA http://www.terraseer.com/products_spacestat.php
SPSS Base Type: Statistical analysis Statistical and data management package for analysts and researchers.	SPSS Inc, Chicago, IL, USA http://www.spss.com/
STATA/IC Type: Statistical analysis Statistical package that provides data analysis, data management, and graphics	StataCorp, College Station, TX, USA http://www.stata.com/
STIS Type: Spatio-temporal analysis Space-time intelligence system - with visualisation, brushing and linking etc.	Terraseer Inc., Ann Arbor, MI, USA http://www.terraseer.com/products_stis.php

Product

Supplier

Surfacewater Modeling System EMS-I, South Jordan, UT, USA

Type: Hydrological analysis http://www.ems-i.com/GMS/GMS_Overview/gms_overview.html

Surface water modeling system. One of suite of three (Groundwater Modeling and Watershed Modelling System). Design for one-, two-, and three-dimensional hydrodynamic modeling, including a wide range of models for rivers, estuaries and coastal zones

Surfer Golden Software Inc, Golden, CO, USA

Type: Graphing <http://www.goldensoftware.com/products/surfer/surfer.shtml>

Surface building and modelling package, very strong on gridding, geostatistics and visualisation. Earth sciences. Grapher, from same provider (Golden Software) also referred to in this Guide. Surfer is a full-function 3D surface modeling package. The interpolation engine transforms scattered X,Y,Z data into publication-quality maps. Surfer excels at creating contour, vector, shaded relief, image, post, and 3D wireframe maps. Multiple maps can be overlaid to quickly identify trends in your data. Surfer is used extensively for terrain modeling, landscape visualization, surface analysis, gridding, volumetrics, 2D map generation, and more

Synchro 7 and SIMTraffic Trafficware Inc, Sugar Land, TX, USA

Type: Traffic simulation and forecast <http://www.trafficware.com/simtraffic7.html>

Intersection design/modelling with Traffic flow simulation

TAP Softwright llc, Aurora, CO, USA

Type: Telecommunications/visibility <http://www.softwright.com/tap6.html>

Performs evaluation of existing or proposed radio transmitter sites; radio coverage predictions, intermodulation studies and radio transmitter site administration; TV and FM broadcasting, microwave, cellular, paging, air-to-ground, ship-to-shore and conventional two-way radio system design. Modules provided for 1D, 2D and 3D visualisation of coverage

TatukGIS TatukGIS, Gdynia, Poland

Type: GIS tools <http://www.tatukgis.com/>

GIS software objects for application development (SDKs). TatukGIS Company designs, develops, licenses, markets, and supports Geographic Information System (GIS) focused software products and software development tools for the creation of custom GIS applications and solutions. The leading product is the TatukGIS 'Developer Kernel', a comprehensive GIS development toolkit (SDK) that is licensed to GIS software solution developers in approximately 50 countries.

Terraseer STIS Terraseer Inc, Ann Arbor, Mi, USA

Type: Spatio-temporal analysis http://www.terraseer.com/products_stis.php

Commercial space-time visualisation and statistical analysis package. See also: Clusterseer V2 for cluster analysis, Boundaryseer for Boundary detection and analysis). Strong ESDA, statistical and classification tools

TerraSoar Core Software, Pasadena, CA, USA

Type: Image handling <http://www.coresw.com>

TerraSoar image cataloging software - designed for large volumes of image data files

TransCAD Caliper Corp., Newton, MA, USA

Type: Network analysis <http://www.caliper.com/tcovu.htm>

TransCAD is the transportation-focused implementation of the Maptitude package, with very strong network analysis and related facilities. Transport, Marketing. TransCAD is a Geographic Information System (GIS) designed specifically for use by transportation professionals to store, display, manage, and analyze transportation data. TransCAD combines GIS and transportation modeling capabilities in a single integrated platform TransCAD can be used for all modes of transportation, at any scale or level of detail. TransCAD provides: A powerful GIS engine with special extensions for transportation; Mapping, visualization, and analysis tools designed for transportation applications; Application modules for routing, travel demand forecasting, public transit, logistics, site location, and territory management

TransModeller Caliper Corp., Newton, MA, USA

Type: Traffic simulation and forecast <http://www.caliper.com/transmodeler/>

Traffic flow simulation. TransModeller can simulate all kinds of road networks, from freeways to downtown areas, and can analyze wide area multimodal networks in great detail and with high fidelity. You can animate the behavior of complex traffic systems to illustrate traffic flow, signal operation, and overall network performance

Product	Supplier
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Truckstops	Microanalytics, Arlington, VA, USA
Type: Logistics	http://www.bestroutes.com/
Routing and logistics. Specifically designed for truck routing.	

TSIS-CORSIM	McTrans Centre, Univ of Florida/US Dept of Transport, Gainesville, FL, USA
Type: Traffic simulation and forecasti	http://mctrans.ce.ufl.edu/featured/TSIS/
Traffic flow simulation. Complete traffic simulation software package for signal systems, freeway systems, or combined signal and freeway systems having complex or simple conditions. There are many other traffic related products and services from McTrans	

Vertical Mapper	MapInfo
Type: Terrain analysis	http://www.mapinfo.com/products/applications/mapping-and-analytical-applications/vertical-mapper
Grid analysis software for MapInfo	

VISUM	PTV, Karlsruhe, Germany
Type: Traffic simulation and forecasti	http://www.ptvag.com/traffic/software/visum/
A comprehensive, flexible software system for transportation planning, travel demand modeling and network data management. PTV are a leading world player in the transport software and systems business, including routing and logistics systems and services	

Watershed Modeling System (EMS-I, South Jordan, UT, USA	
Type: Hydrological analysis	http://www.ems-i.com/GMS/GMS_Overview/gms_overview.html
Watershed modeling system. One of suite of three (Surface Water Modeling and Groundwater Modelling System). Provides automated watershed delineation, floodplain modeling and mapping and 2D hydrological modeling (flood modeling, surface ponding and infiltration etc)	

What's Best	Lindo Systems Inc
Type: Optimisation	http://www.lindo.com/
Excel add-in for building large scale optimization models in a free form layout within a spreadsheet.	

WINGIS	PROGIS Software GmbH , Villach, Austria
Type: GIS	http://www.progis.co.at
GIS aimed at rural/farming applications	