ArcGIS

The Complete Geographic Information System



ArcGIS The Complete Geographic Information System

ESRI® ArcGIS® is an integrated collection of software products for building a complete geographic information system (GIS) that is right for your organization. The ArcGIS framework enables you to deploy GIS functionality and business logic wherever it is needed—on desktops, servers, or mobile devices and in custom applications or Web services. Coupled with the geodatabase, this architecture gives you the tools to assemble intelligent GIS applications.

Interoperable

The ArcGIS family of products is built on a foundation of industry standards including .NET, Java[™], and COM for customization; commercial DBMS for data storage; and XML, SOAP, TCP/IP, and HTTP for networked environments.

Exceptional Functionality

Strong editing, analysis, and cartography, along with cuttingedge data models and management, continue to distinguish the ArcGIS software family as the leading GIS software.

Scalable

The modular nature of ArcGIS means that it is equally well suited for a single desktop user or an organization that requires a collaborative environment for multiuser editing and updating.

Web Enabled

ArcGIS allows you to deploy GIS applications within your organization and across the Internet, providing access to geospatial content for better decision making.

Developer Friendly

A common library of software components called ArcObjects[™], along with extensive documentation and sample code, provides a consistent and comprehensive developer experience across desktop, mobile, hosted, and server environments.

As a result, you can think of ArcGIS as an interoperable information system with tightly integrated data management and an unparalleled collaborative environment.

The ArcGIS family of products includes

- Desktop GIS
- Hosted GISMobile GIS
- Server GISESRI Data

www.esri.com/arcgis



ArcGIS Support and Educational Services

ESRI has a long-standing commitment to serving and responding to the GIS user community, which is exemplified by its breadth of support services. ArcGIS support and educational services consist of technical maintenance programs designed to meet the needs of different types of users, software releases and updates, technical support, online support services, publications, training, and consulting services.

ArcGIS Maintenance Program

The ArcGIS maintenance program is a cost-effective program that includes software updates, technical support, and many other benefits. Maintenance is offered as an annual subscription, making it easy to plan for the cost of support and software updates. Users who subscribe to maintenance receive 12 months of technical support and all software updates occurring during those 12 months. For more information, visit www.esri.com/maintenance.

Technical Support

ESRI offers a rich array of technical support and user community resources to help you meet your GIS challenges. From 24/7 technical support to online user groups and a variety of self-help resources, ESRI has the tools to make you successful. For more information, visit www.esri.com/support.

Training and Education

ESRI offers instructor-led courses at ESRI learning centers and client facilities around the world as well as over the Internet. Self-study Web courses are also available for those who prefer online training. Courses cover a variety of topics related to ESRI software, the theory underlying GIS technology, and applying GIS tools to find solutions in particular fields. ESRI combines hands-on experience, interactivity, and instructional support to create an effective learning environment. For more information, visit www.esri.com/training.

Books

ESRI Press books and workbooks on geographic information science, GIS technology, and GIS applications are used in formal university and corporate training programs everywhere. ESRI Press titles help the first-time learner, as well as the professional user. Titles are available through major booksellers and from ESRI at www.esri.com/esripress.

Professional Services

ESRI GIS professionals offer consulting, design, programming, and implementation services as well as database design and assistance in data publishing. For more information, visit www.esri.com/consulting.







Desktop GIS

Desktop GIS allows you to compile, author, analyze, map, and publish geographic information and knowledge.

ArcReader

ArcReader[™] is a free, easy-to-use product that allows anyone to view, explore, and print published map files (PMFs) authored by a higher-level ArcGIS Desktop product.

ArcReader

- Viewing and navigation (PMFs)
- 2D and 3D visualization
- Data query and exploration
- Printing



ArcView

Map authoring

Spatial analysis

ArcReader functionality plus

• Data creation and editing

• Data integration and management Extension ready

ArcView

ArcView[®] provides extensive mapping, data use, and analysis capabilities.

ArcEditor

ArcEditor[™] includes advanced editing for shapefiles and full functionality of ArcView.

geodatabases in addition to the

ArcInfo

ArcInfo® extends the functionality of both ArcView and ArcEditor with advanced geoprocessing. It is the de facto standard for GIS.

ArcEditor

ArcView functionality plus

• Advanced editing and productivity tools

- Rules-based topology and geometric networks
- Geodatabase relationship management
- Advanced annotation management
- Versioning



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ArcInfo

- ArcEditor functionality plus
- Advanced geoprocessing
- Complete modeling and analysis
- Expanded data conversion
- High-end cartography

ArcGIS Desktop Extensions

ArcGIS Desktop extensions dramatically expand the functional capabilities of ArcInfo, ArcEditor, and ArcView with specialized GIS tools.

Analysis	Productivity	Web Services	Solution Based
ArcGIS 3D Analyst [™] ArcGIS Spatial Analyst ArcGIS Network Analyst ArcGIS Schematics ArcGIS Geostatistical Analyst ArcGIS Survey Analyst ArcGIS Tracking Analyst	ArcGIS Data Interoperability ArcGIS Publisher Maplex [™] for ArcGIS* ArcScan [™] for ArcGIS**	ArcWeb ^{ser} Services	ArcGIS Business Analyst Production Line Tool Set (PLTS [™]) for ArcGIS Job Tracking for ArcGIS (JTX [™])
*Included with ArcInfo Licenses			

**Included with ArcEditor and ArcInfo Licenses

Server GIS

Server GIS allows organizations to centrally host GIS applications and data, delivering GIS capabilities to large numbers of users.

ArcGIS Server

ArcGIS Server is a complete and integrated server-based GIS. It comes with out-of-thebox end user applications and services for spatial data management, visualization, and spatial analysis.



ArcGIS Server

- Browser-based access to GIS
- Integration with other enterprise systems (CRM, ERP)
- Support for GIS and IT interoperability standards
- Ability to create custom applications
 using .NET or Java

ArcGIS Explorer

- Support for 2D and 3D mapping services
- Support for geoprocessing services
- Ability to access and fuse any standard Web service

ArcGIS Explorer

ArcGIS Explorer is a lightweight client that is included with ArcGIS Server. It offers an easy way to deliver access to GIS content and capabilities.



ArcGIS Image Server

- Scalable to massive imagery collections
- Dynamic on-the-fly data processing
- Direct image access (no loading required)
- Shorter time from data capture to distribution

ArcGIS Image Server

ArcGIS Image Server is a management, processing, and distribution platform for geospatial imagery. It provides fast and open access to geospatial imagery, allowing organizations to leverage their investments in raster data.

ESRI Developer Network

ESRI Developer Network (EDN[®]) is an annual subscription-based program designed to provide developers with comprehensive tools that increase productivity and reduce the cost of GIS development. The EDN software library contains ArcGIS Server and ArcGIS Engine Developer Kit in addition to a block of ArcWeb Services.



ESRI Data

ESRI provides a full spectrum of ready-to-use geospatial data products delivered either as a Web service or as packaged media.

ArcGIS Online

ArcGIS[™] Online provides ready-to-use content and capabilities for ArcGIS users including 2D maps, 3D globes, and reference layers.

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ArcGIS Online

- Multiple scale display
- Perfect for use as background layer
- Enables quick deployment of applications with high-quality cartography
- Optimized for performance with ArcGIS

Community Data

- Analyze markets.
- Profile customers.
- Evaluate competitors.
- Conduct strategic planning and forecasting.

Community Data

Community[™] data encompasses a variety of datasets including current year and five-year projections of ESRI's demographic data as well as consumer expenditure, segmentation, and business data.

StreetMap

StreetMap[™] Pro and StreetMap Premium are enhanced street datasets from Tele Atlas or NAVTEQ.

ESRI Data & Maps

ESRI Data & Maps is a set of map data included at no additional cost and preconfigured to work with ArcGIS software.



StreetMap

- Multiscale, high-quality cartographic basemap
- Ability to find and batch geocode addresses
- Ability to generate optimal routes for multistop itineraries
- Street data for United States, Canada, and Europe

ESRI Data & Maps

- More than 15 GB of data, delivered on five DVDs
- Presymbolized data layers
- Scale-dependent rendering and labeling
- Ability to turn layers on and off
- Complete FGDC- and
 ISO-compliant metadata

Hosted GIS

Hosted GIS Web services offer a cost-effective way to access up-to-date GIS content and capabilities on demand.

ArcWeb Services

ArcWeb Services provide developers with a comprehensive Web platform for integrating GIS content and capabilities into desktop, server, Web, or mobile applications. On-demand content is available from leading commercial geographic data and content providers.



ArcWeb Services

- Hosted by ESRI
- Terabytes of world-class data including demographics, imagery, elevation, traffic, and more
- Application program interfaces (APIs) for SOAP, JavaScript[™], OpenLS, REST, and J2ME[™]

Mobile GIS

Mobile GIS is the expansion of a GIS from the office into the field and is an important tool for achieving an accurate enterprise GIS.

ArcPad

ArcPad[®] software provides mapping, GIS, and GPS integration to field users via handheld devices. Data collection with ArcPad is fast and easy and improves field-based data validation and availability.

ArcGIS Mobile

ArcGIS Mobile, a software developer kit installed as part of ArcGIS Server, lets developers create centrally managed, high-performance, GIS-focused applications. These small-footprint applications can be deployed to a variety of Windows devices including Tablet PCs, Pocket PCs, and smartphones.

ArcGIS Desktop

ArcInfo, ArcEditor, and ArcView, as well as custom applications built with ArcGIS Engine, can be used on high-end mobile systems such as laptops and Tablet PCs. These solutions are for users who require rich mapping, data compilation, query, and analysis in the field.



Use ArcPad for lightweight field applications.

For more information, visit www.esri.com/arcgis.



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For more than 35 years, ESRI has been helping people make better decisions through management and analysis of geographic information. A full-service GIS company, ESRI offers a framework for implementing GIS technology and business logic in any organization from personal GIS on the desktop to enterprise-wide GIS servers (including the Web) and mobile devices. ESRI GIS solutions are flexible and can be customized to meet the needs of our users.

For More Information

1-800-GIS-XPRT (1-800-447-9778)

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Locate an ESRI value-added reseller near you at

www.esri.com/resellers

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www.esri.com/distributors

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Desktop GIS





Generate Directional Distribution Ellipses from Patient Locations



Desktop GIS software products are used to compile, author, analyze, map, and publish geographic information and knowledge.

ArcPad®

ArcGIS Mobile ArcGIS Desktop

Mobile GIS

Mobile GIS enables fieldbased personnel to capture, store, update, manipulate, analyze, and display geographic information.





Arcg S[°] The Complete Geographic Information System

Server GIS

Desktop GIS

ArcInfo® ArcEditor™ ArcView® ArcReader™

Server GIS

ArcGIS[®] Server ArcGIS Explorer ArcGIS Image Server



Mobile GIS ArcGIS

Hosted GIS

ArcWeb[™] Services

ESRI Data

ArcGIS[™] Online Community[™] Data **StreetMap**[™] ESRI Data & Maps

ESRI Data





ESRI[®] Data provides analysts, planners, managers, and developers with productized datasets designed to work with their applications.



Hosted GIS

For more information, visit www.esri.com/arcgis.