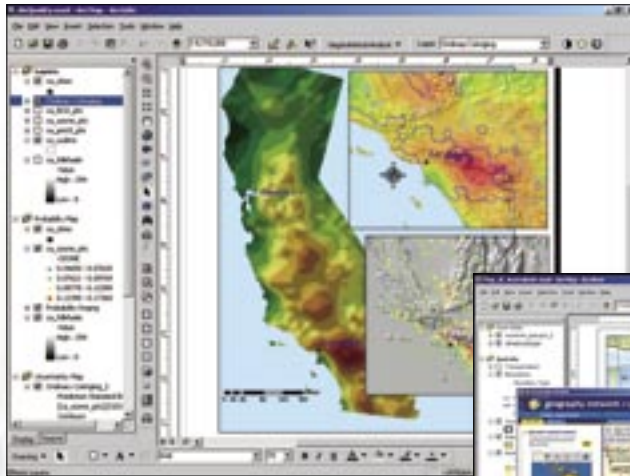


ArcGIS®

The Complete Geographic Information System



Arc
ESRI GIS™



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—in desktops, servers, Web services, or mobile devices. Coupled with the geodatabase, this architecture gives you the tools to assemble intelligent geographic information systems.

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 cutting edge 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 suited for a single desktop user or an organization that requires a collaborative environment for multiuser editing and updating.

Web Enabled

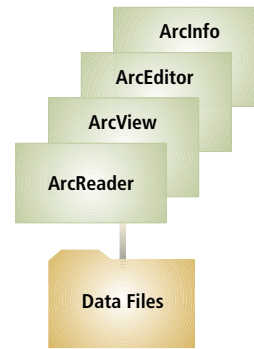
Give many users the ability to locate, visualize, analyze, and make decisions by deploying GIS applications within your organization or across the Internet.

Developer Friendly

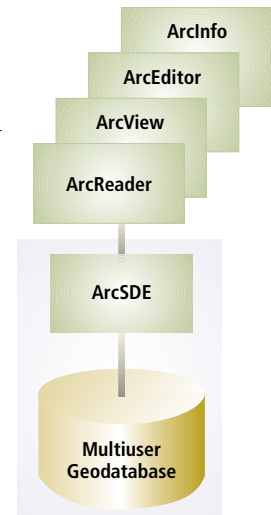
A common library of software components, along with extensive documentation and sample code, provide a consistent and comprehensive developer experience across desktop, embedded, and server environments.

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

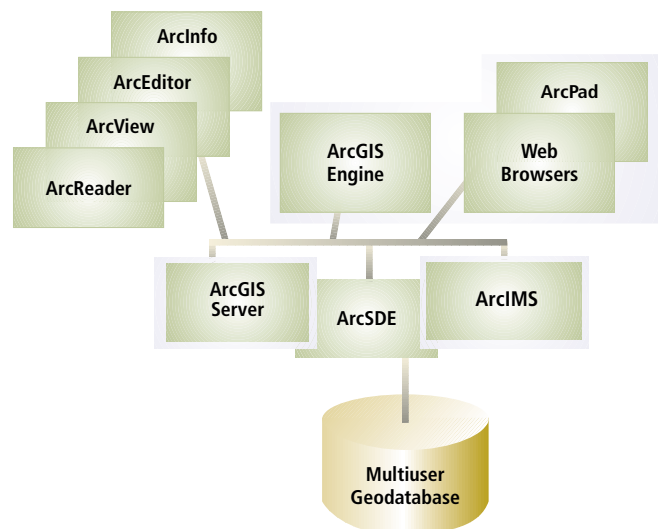
www.esri.com/arcgis



Desktop GIS
Comprises the foundation for map authoring, spatial analysis, modeling, and geoprocessing



Collaborative GIS
Provides concurrent multiuser access and editing to large geographic databases managed in a DBMS



Enterprise GIS
Presents GIS and data services to lightweight clients, custom applications, and ArcGIS Desktop

Desktop GIS

ArcGIS Desktop refers to ArcReader™, ArcView®, ArcEditor™, and ArcInfo®—a family of scalable software products. Although licensed separately, ArcView, ArcEditor, and ArcInfo share the same core applications, user interface, and development environment. Each product provides additional GIS functionality, which is enabled as you move from ArcReader to ArcView to ArcEditor to ArcInfo. This dramatically increases usability and interoperability while retaining flexible end user deployments.

ArcReader

ArcReader is a free, easy-to-use product that allows anyone to view, explore, and print published map files (PMFs). ArcReader was designed for viewing and sharing maps that access a wide variety of dynamic geographic data. Anyone with ArcReader can now access high-quality maps authored by a higher level ArcGIS Desktop product.



ArcReader

- Map viewing (PMFs)
- Identify (map features)
- Basic querying
- Map printing

ArcView

ArcView is the world's most popular desktop mapping and GIS software. ArcView includes all the functionality of ArcReader and provides geographic data visualization, query, analysis, and integration capabilities along with the ability to create and edit geographic data.



ArcView

ArcReader plus

- Map authoring
- Spatial query
- Basic modeling
- Simple feature editing
- Enabled for extensions

ArcEditor

ArcEditor includes all the functionality of ArcView and adds the power to create and edit data in a geodatabase. Additional functionality includes support for multiuser editing, versioning, feature-linked annotation, and advanced topologic editing.



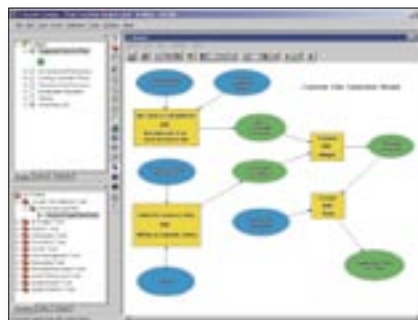
ArcEditor

ArcView plus

- Multiuser editing
- Rules-based topology
- Advanced annotation management
- Versioning

ArcInfo

ArcInfo is the complete GIS data creation, update, query, mapping, and analysis system. Within the ArcGIS software family, ArcInfo is the top of the line. It includes all the functionality of ArcEditor and adds the advanced geoprocessing capabilities that make ArcInfo the de facto standard for GIS.



ArcInfo

ArcEditor plus

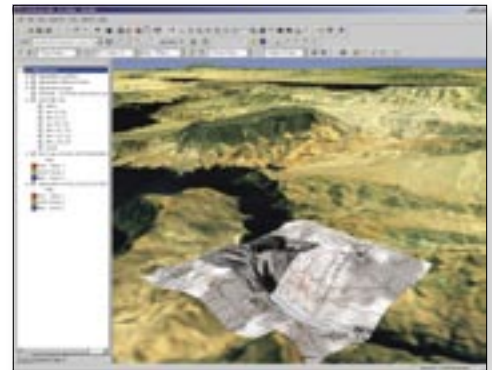
- Advanced geoprocessing
- Advanced modeling
- Expanded data conversion



Desktop GIS Extensions

ArcView, ArcEditor, and ArcInfo are engineered with a common architecture and shared extension model. A wide ranging suite of optional extensions dramatically expands the functional capabilities of these products with specialized GIS tools. One of the key benefits of this shared extension model is the ability to operate the same ArcGIS extensions across the line of desktop products, significantly reducing your acquisition, training, and operating costs.

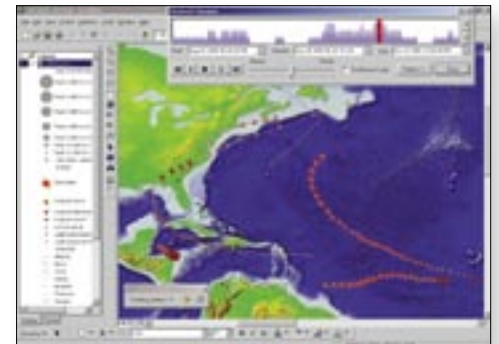
| | |
|-------------------------------|--|
| ArcGIS 3D Analyst™ | Three-dimensional visualization and analysis |
| ArcGIS Data Interoperability | Direct read, transformation, and export of data |
| ArcGIS Geostatistical Analyst | Statistical tools for modeling and advanced surface generation |
| ArcGIS Network Analyst | Routing, closest-facility, and service area analysis |
| ArcGIS Publisher | Map and data publisher |
| ArcGIS Schematics | Automatic schematic generation of spatial networks |
| ArcGIS Spatial Analyst | Advanced spatial analysis using raster and vector data |
| ArcGIS StreetMap™ | Nationwide address matching, routing, and street mapping |
| ArcGIS Survey Analyst | Integrating and managing survey data in GIS |
| ArcGIS Tracking Analyst | Time-based data visualization and analysis |
| ArcPress™ for ArcGIS | High-performance printing |
| ArcScan™ for ArcGIS | Raster to vector data conversion |
| ArcWeb™ Services | On-demand GIS data and capabilities over the Web |
| Maplex for ArcGIS | Advanced cartographic text placement and labeling |



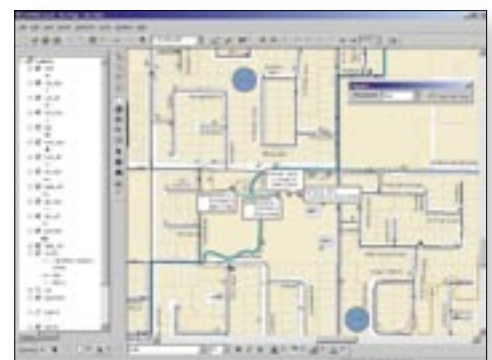
ArcGIS 3D Analyst



ArcGIS Spatial Analyst



ArcGIS Tracking Analyst



Maplex for ArcGIS

www.esri.com/extensions

Embedded GIS

ArcGIS also provides developer products that allow you to build custom desktop GIS applications or embed GIS functionality in existing applications.

ArcGIS Engine

ArcGIS Engine is a comprehensive set of core software components, tools, and resources packaged together for developers to build custom GIS and mapping applications. Developers can extend the object libraries and have complete control over the look and feel of their applications' user interfaces. ArcGIS Engine can be used to build specific GIS applications or embed GIS functionality into other applications. Developers build ArcGIS Engine applications using standard frameworks including Visual Basic®, .NET, and Java.



Develop applications using standard developer tools with ArcGIS Engine.



Create custom spatial data editing applications to specifically meet your GIS requirements.

(Courtesy of Spatial Data Logic)

Mobile GIS

ArcGIS technology can be deployed on a range of mobile systems from light-weight devices to PDAs, laptops, and tablet PCs. Taking GIS to the field typically relies heavily on application customization to simplify mobile work tasks as well as wireless access to real-time data feeds from central GIS Web servers such as sites providing ArcIMS® and ArcGIS Server map and data services.

ArcPad

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



Use ArcPad for lightweight field applications.

Mobile ArcGIS

All ArcGIS Desktop products—ArcReader, ArcView, ArcEditor, and ArcInfo—and 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 a custom ArcGIS Engine application on a tablet PC for rich field mapping applications.

Server GIS

The ESRI server GIS software products allow GIS and data services to be hosted in a server-based environment. The centralization of data management and application support, combined with adherence to information technology standards, makes the server GIS software products the key to broad use of geospatial technology within enterprise information systems.

ArcIMS

ArcIMS is the solution for delivering dynamic maps and GIS data and services via the Web. It provides a highly scalable framework for GIS Web publishing that meets the needs of corporate Intranets and demands of worldwide Internet access. ArcIMS services can be used by a wide range of clients including custom Web applications, ArcGIS Desktop, and mobile and wireless devices. Using ArcIMS, city and local governments, businesses, and other organizations worldwide publish, discover, and share geospatial information.



Publish maps and data over the Internet using ArcIMS.

ArcSDE

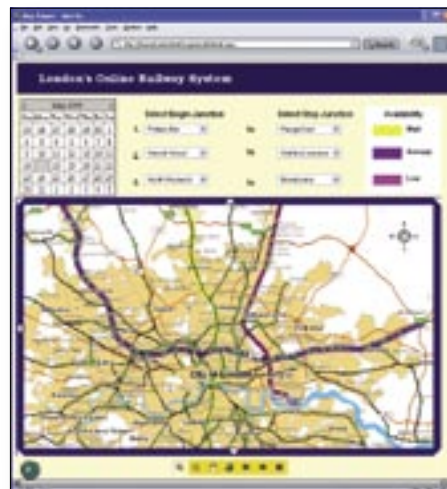
ArcSDE® is a server software product used to manage and provide access to large multiuser geographic databases stored in DBMSs. It provides a suite of services that enhances data management performance, extends the range of data types that can be stored in a DBMS, enables schema portability between DBMSs, and offers configuration flexibility. ArcSDE serves spatial data to ArcGIS Desktop (ArcView, ArcEditor, and ArcInfo), to Internet clients through ArcIMS, and to applications developed with ArcGIS Engine and ArcGIS Server. ArcSDE allows you to manage geographic information in any of four commercial databases—IBM® DB2® Universal Database, Informix® Dynamic Server, Oracle®, and Microsoft® SQL Server™.



ArcSDE provides advanced spatial data services for managing geographic information.

ArcGIS Server

ArcGIS Server is a comprehensive platform for delivering enterprise GIS applications that support multiple users from a server-based computing environment. IT provides the framework to build and deploy GIS applications and services to meet a variety of needs using a variety of clients. Developers can use ArcGIS Server to build focused Web applications, Web services, and other enterprise applications such as those based on enterprise JavaBeans. Developers can also use ArcGIS Server to build desktop applications that interact with the server in client/server mode.



Organizations can make focused applications available on demand via a thin client such as a Web browser.

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 <http://support.esri.com>.

Training

ESRI instructor-led courses are offered at ESRI facilities and client sites around the world. Courses are developed by education specialists who are experts in ESRI software and industry applications. For more information, visit www.esri.com/training.

The ESRI Virtual Campus is a leader in GIS education on the Web, making GIS courses and a global GIS learning community accessible to anyone with an Internet connection. For more information, visit <http://campus.esri.com>.

Publications

ESRI Press books and workbooks on geographic information science, GIS technology, and GIS applications are used in formal university and corporate training programs everywhere. Publications help the first-time learner as well as the professional user. Publications 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.





For more than 30 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 enterprisewide 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

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(1-800-GIS-XPRT)

or contact an ESRI value-added
reseller near you.

Send e-mail inquiries to

info@esri.com

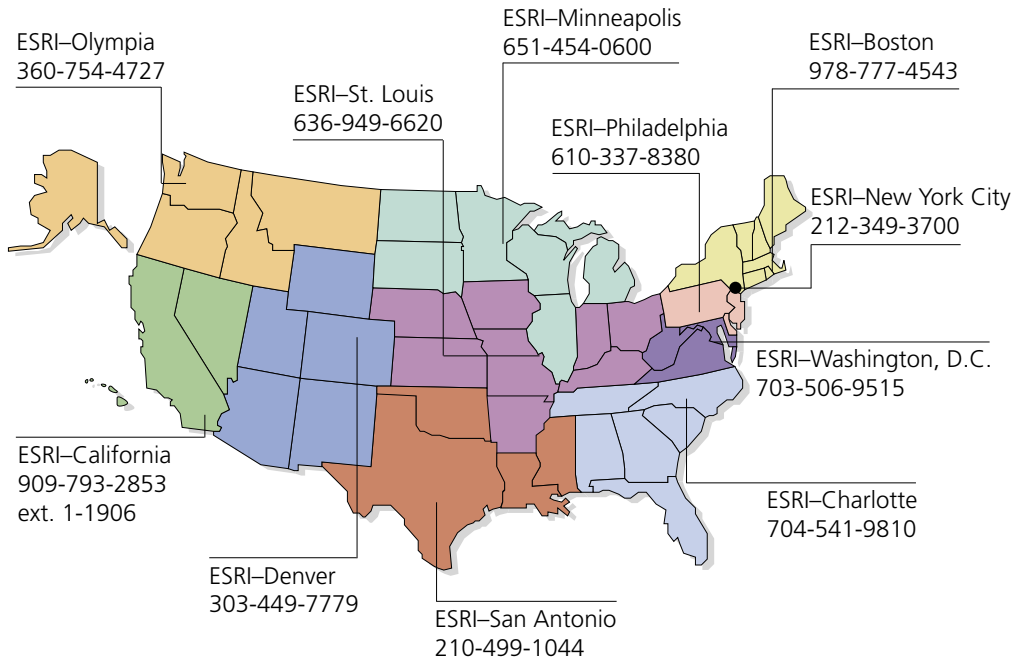
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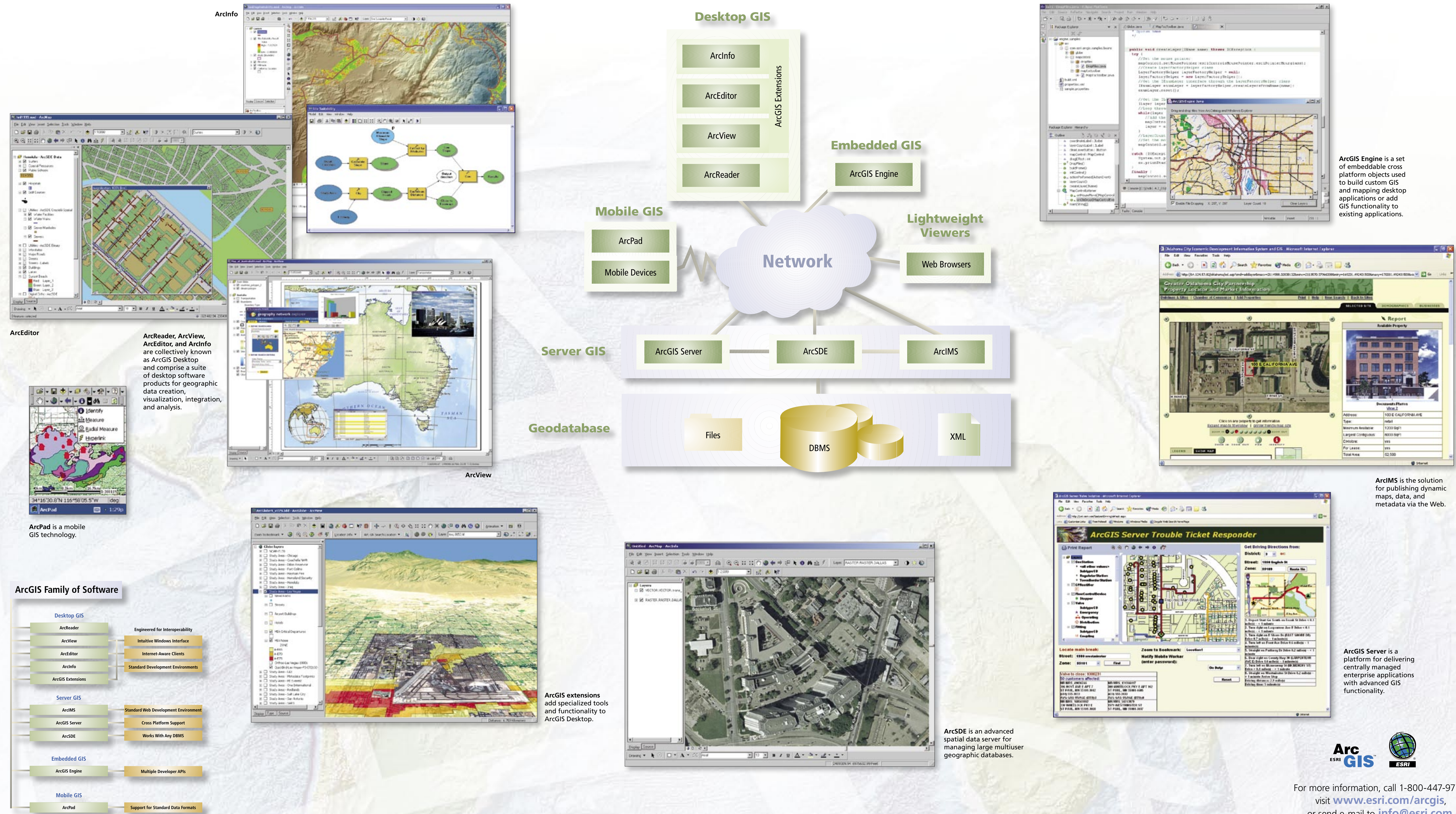
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ArcGIS® The Complete Geographic Information System



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