

ArcGIS Server

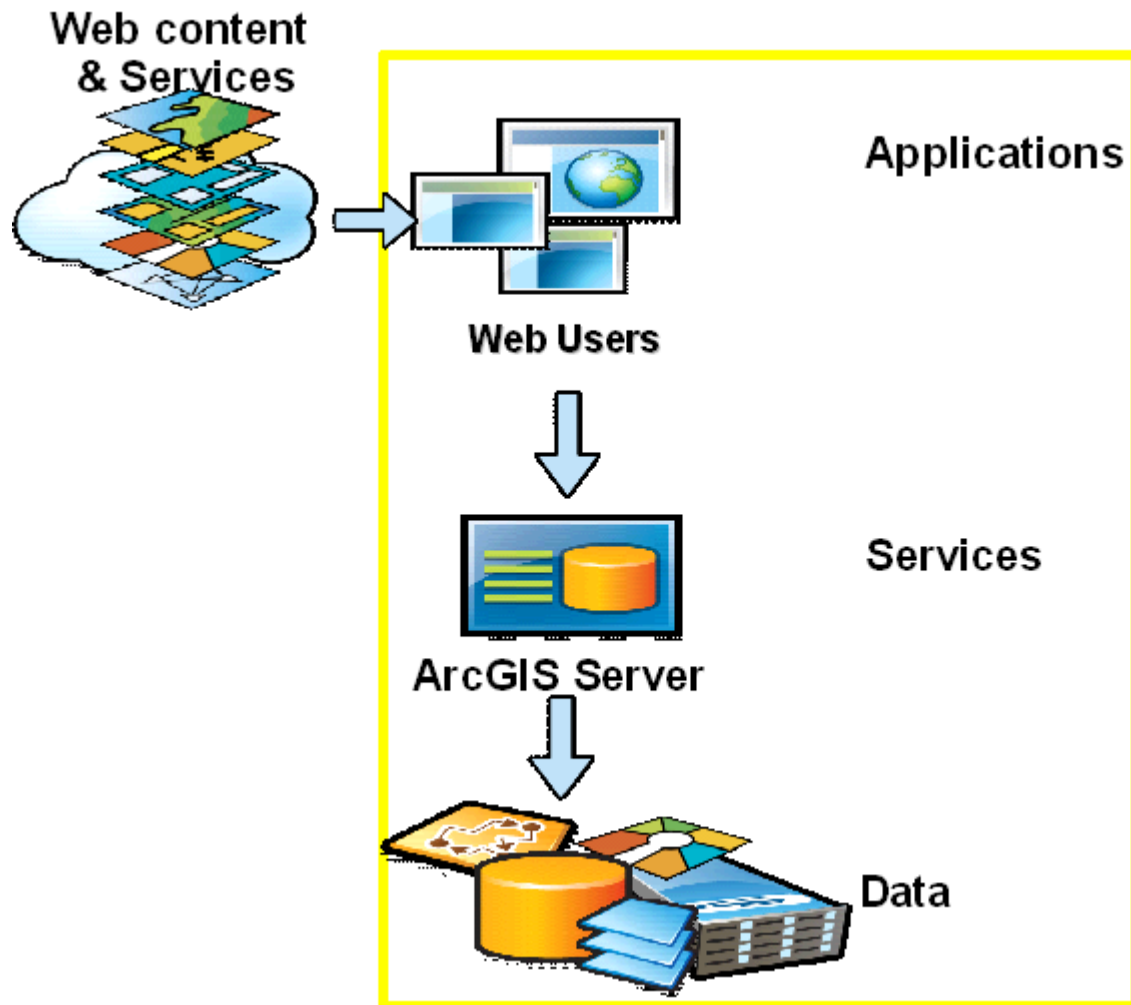
ArcGIS Server makes it easy for organizations to share mapping services and applications across the Web.



With **ArcGIS Server**, you can

- Connect more people with the information they need to make better decisions.
- Publish fast, intuitive Web mapping applications and services tailored to your audience.
- Simplify access to your services, data, and imagery.

ArcGIS Server supports desktop, Web-based, and mobile workflows. It helps you protect and manage your mapping information, and it provides a scalable platform that satisfies everything from the simplest to the most complex Web mapping requirements.



Functionality

ArcGIS Server is offered in three editions

- **Basic:** This provides a comprehensive GIS server for spatial data management. It focuses on organizing and managing geographic datasets.
- **Standard:** This provides all the features of the Basic edition plus visualization (mapping) and spatial analysis.
- **Advanced:** This provides all the features of the Standard edition, along with advanced spatial analysis and modeling and a configurable mobile GIS application. The Advanced edition also includes four advanced analysis extensions (3D, Spatial, Network, and Geostatistical) at no additional cost.

Capacity

Each functional edition described above has two capacity levels:

Workgroup: Limited to running on a single machine and includes a SQL Server Express database engine

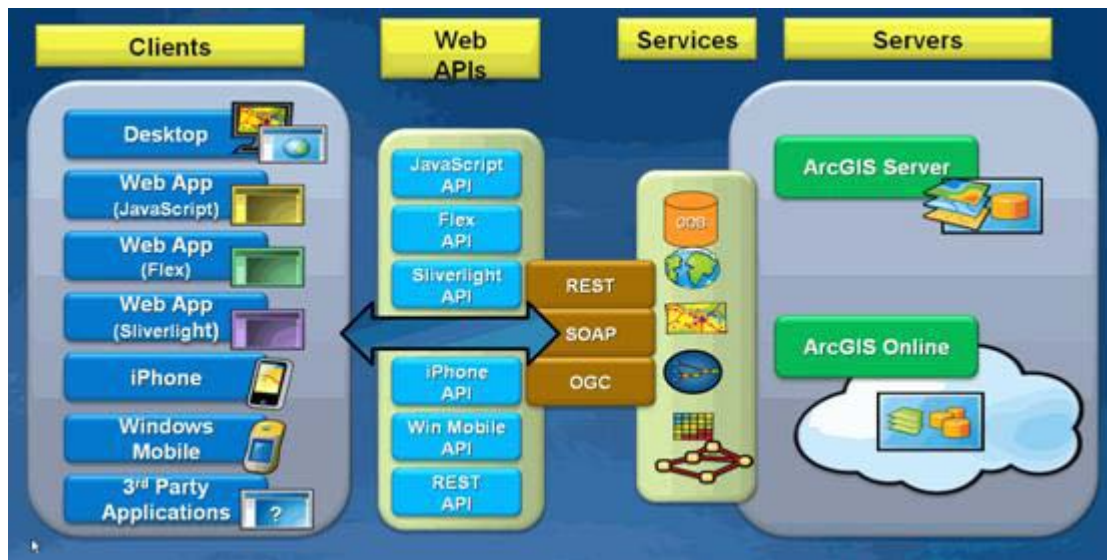
- Supports up to 10 simultaneous connections to a multiuser geodatabase

- Limited to 4 GB of data storage on a multiuser geodatabase

Enterprise: Runs on multiple machines and on your choice of multiuser database (IBM DB2, Informix Dynamic Server, Microsoft SQL Server, Oracle, or PostgreSQL).

- Supports unlimited simultaneous connections to a multiuser geodatabase
- Contains unlimited storage capacity
- Can be installed on either a single server or distributed across multiple servers (Each server requires a license.)

For more details, download the [ArcGIS Server 9.3.1 Functionality Matrix \[PDF\]](#).



URLs:

- [ESRI Site for ArcGIS Server](#)
- [ArcGIS Server System Requirements](#)
- [Live User Sites](#)

For further information you can visit ESRI's web site by clicking on the link below:

[ESRI - ArcGIS Server](#)

Key Features

Depending on what features you need, you can choose from among three editions of ArcGIS Server (**Advanced, Standard, and Basic**).

	Advanced	Standard	Basic
Data Management	✓	✓	✓
Provides geodata services for data extraction,			

replication, and synchronization, as well as a framework and tools for managing large spatial datasets in an RDBMS such as IBM DB2, IBM Informix, Oracle, Microsoft Access, Microsoft SQL Server, and PostgreSQL.			
<u>GIS Web Services</u>			
Supports Web services including map, image, globe, locator, geoprocessing, KML, WMS, WCS, WFS, and WFS-T (REST and SOAP access are included with all editions).	✓	✓	
<u>Mapping</u>			
Includes tools for creating rich browser-based Web mapping applications.	✓	✓	
<u>Spatial Analysis</u>			
Supports server-based analysis and geoprocessing, including vector, raster, 3D, and network analytics as well as models, scripts, and tools.	✓	✓	
<u>Publishing to Clients</u>			
Supports a broad range of clients including ArcGIS Desktop, ArcGIS Explorer, ArcGIS for AutoCAD, and browser-based applications.	✓	✓	
<u>Image Management</u>			
Supports a complete image management system for delivering large quantities of imagery that can be consumed in desktop, mobile, Web, and imagery clients.	✓	✓	
<u>Web Mapping Application</u>			
Provides an out-of-the-box, configurable mapping application with tools for map navigation, identifying features, measuring distances, finding addresses, and querying and searching attributes.	✓	✓	
<u>Application Developer Tools</u>			
Includes Application Development Frameworks (ADFs) for .NET and Java and Application Programming Interfaces (APIs) for JavaScript, Flex, and Microsoft Silverlight/WPF.	✓	✓	
<u>Spatial Web Editing</u>			
Supports spatial editing tasks for applications, such as adding, modifying and deleting map	✓	✓	

features like points, lines, and polygons.			
<u>Advanced Spatial Analysis</u> 3D Analyst, Geostatistical Analyst, Network Analyst, and Spatial Analyst extensions included at no extra cost.	✓		
<u>Mobile GIS Application</u> Provides an out-of-the-box, configurable mobile application that allows mobile workforces to dynamically query and update server data remotely—is administered from ArcGIS Server, is integrated with GPS, and fits seamlessly into the enterprise IT environment.	✓		
<u>Mobile Application Developer Tools</u> Provides tools to manage and deploy custom applications for use on mobile devices including a software developer kit (SDK) (Mobile applications can be deployed on Windows CE or Windows Mobile devices with the .NET Compact Framework and Windows XP or Vista PCs with .NET Framework).	✓		

For further information you can visit ESRI's web site by clicking on the link below:

[ESRI - ArcGIS Server Key Features](#)

ArcGIS Server Extensions

You can add even more capabilities to **ArcGIS Server** with extensions.

	Advanced	Standard	Basic
<u>3D Extension*</u> Share advanced 3D modeling and analysis.	✓		
<u>Geostatistical Extension*</u> Share advanced statistical modeling and analysis.	✓		
<u>Network Extension*</u> Share advanced network modeling and analysis.	✓	✓	

<u>Spatial Extension*</u> Share advanced raster data modeling and analysis.	✓		
<u>Data Interoperability Extension</u> Provide Web access to hundreds of data formats.	✓	✓ Windows Only	
<u>Image Extension</u> Deliver fast access to hundreds of data formats.	✓ Windows Only	✓ Windows Only	
<u>Job Tracking Extension</u> Provide Web access to GIS workflow management.	✓ Windows Only	✓ Windows Only	
<u>Geoportal Extension</u> Organize, share, and discover GIS resources.	✓	✓	
<u>Schematics Extension</u> Share advanced network diagrams and models.	✓ Windows Only		

* Included with **ArcGIS Server Advanced 9.3.1** at no additional cost.

ArcGIS Server extensions are not available with Basic edition.

For further information you can visit ESRI's web site by clicking on the link below:

[ESRI - ArcGIS Server Extensions](#)