

ArcGIS® Server 9.3 Functionality Matrix

Data Management	Advanced	Standard	Basic	Notes
Scalable Geodatabase Access	X	X	X	
Full Geodatabase Support	X	X	X	
Create Geodatabases	X	X	X	
Load Spatial Data into Geodatabases	X	X	X	Raster and vector loaders
Manage Geodatabases	X	X	X	
One-Way Replication	X	X	X	
Two-Way Replication	X	X	X	
Checkout/Check-in Replication	X	X	X	
Export Data to Various Formats	X	X		
Support Multiple DBMS for Geodatabase Storage	X	X	X	Enterprise only
Support PostgreSQL Open Source DBMS for Geodatabase Storage	X	X	X	Enterprise only
Support IBM Informix, DB2, and DB2 zOS (Mainframe) for Geodatabase Storage	X	X	X	Enterprise only
Support Oracle for Geodatabase Storage	X	X	X	Enterprise only
Support Oracle Express for Geodatabase Storage	X	X	X	Enterprise only
Embedded DBMS Engine	X	X	X	Microsoft SQL Server Express included (Workgroup only); PostgreSQL included with Enterprise (all editions)
Embedded Database Access Engine Technology	X	X	X	
Support Unlimited Desktop Client Connections	X	X	X	Enterprise only; Workgroup supports 10 or fewer
Unlimited Geodatabase Size	X	X	X	Enterprise only; Workgroup limited to a total accumulative geodatabase size of 4 GB
Multicore Support	X	X	X	Enterprise and Workgroup based on the number of cores on the server; Workgroup limited to a maximum of 4 cores

Mapping	Advanced	Standard	Basic	Notes
Serve ArcGIS® Maps (MXD files)	X	X		
Utilize Advanced Maplex® Labeling	X	X		
On-the-Fly Projections	X	X		
Combine Multiple Map Services in Web Applications	X	X		
Dynamically Add Layers to a Map Service	X	X		Through customization only
Dynamic 2D Map Rendering	X	X		
Dynamic 3D Globe Rendering	X	X		
On-the-Fly Image Processing	X	X		ArcGIS Server Image extension required
Cache 2D Maps	X	X		
Cache 3D Globes	X	X		
Spatial Analysis - Geoprocessing Framework				
Simple Geoprocessing Tools (194 tools—ArcView® level)	X	X		Additional tools available with extensions
Complete Geoprocessing Tools (284 tools—ArcInfo® level)	X			Additional tools available with extensions
Spatial Analysis - Core Analysis				
Clip	X	X		
Intersect	X	X		
Union	X	X		
Buffer	X	X		
Multiple Ring Buffer	X	X		
Split	X			
Erase	X			
Identify	X			
Symmetrical Difference	X			
Update	X			
Near	X			
Point Distance	X			
Frequency	X			

Spatial Analysis - Generalization	Advanced	Standard	Basic	Notes
Dissolve	X	X		
Simplify Line	X			
Smooth Line	X			
Eliminate	X			
Spatial Statistics Analysis				
Average Nearest Neighbor	X	X		
High/Low Clustering	X	X		
Spatial Autocorrelation	X	X		
Cluster and Outlier Analyses	X	X		
Hot Spot Analysis	X	X		
Central Feature	X	X		
Directional Distribution	X	X		
Linear Directional Mean	X	X		
Mean Center	X	X		
Standard Distance	X	X		
Calculate Areas	X	X		

Developer Tools	Advanced	Standard	Basic	Notes
.NET Application Developer Framework (ADF™)	X	X		Microsoft Visual Studio and Visual Studio Express
Java Application Developer Framework	X	X		Eclipse and NetBeans
Enterprise JavaBeans Application Developer Framework Components	X			
Mobile Application Developer Framework Components for the .NET Compact Framework	X			Enterprise only
ArcGIS for JavaScript	X	X		
ArcGIS API for Flex	X	X		Integrated with Adobe Flex Builder 3

GIS Web Services	Advanced	Standard	Basic	Notes
Geodata	X	X	X	
Map	X	X		
Image	X	X		
3D Globe	X	X		
Geometry	X	X		
WMS	X	X		
WFS	X	X		
WFS-T	X			
WCS	X	X		
KML	X	X		
Locator	X	X		
Network Analyst	X	X		Optional ArcGIS Server Network extension required
Geoprocessing	X	X		
Mobile	X			Enterprise only

Web Application Functionality	Advanced	Standard	Basic	Notes
Fixed Pan and Zoom	X	X		
Interactive Pan and Zoom	X	X		
Identify Features on a Map	X	X		
Forward and Back Extent	X	X		
Feature-Based Hyperlink to Other Documents	X	X		
Measure Distances and Areas	X	X		
Feature-Based MapTips	X	X		
Magnification Window	X	X		
Overview Map	X	X		
Interactive North Arrow	X	X		
Find Place Task	X	X		
Find Address Task	X	X		
Query Attribute Task	X	X		
Search Attribute Task	X	X		
Editing Task	X			
Print	X	X		
Simple Geoprocessing Tasks (194 tools—ArcView level)	X	X		
Complete Geoprocessing Tasks (284 tools—ArcInfo level)	X			

Web Editing Application Functionality	Advanced	Standard	Basic	Notes
Simultaneous Feature Class Editing	X			
Isolated Editing in Separate Versions	X			
Undo/Redo Operations	X			
Snapping by Layer (vertex, edge, endpoint)	X			
Snapping to New Geometry (vertex, edge, endpoint)	X			
Settable Snapping and Feature Selection Tolerances	X			
Client-Side Snapping Feedback	X			
Add, Move, Delete, Copy, and Paste Features	X			
Add, Move, and Delete Vertex Locations for Existing Features	X			
Merge Features	X			
Split Features	X			
Specify an Exact X,Y Location	X			
Point-and-Click On-Screen Digitizing of Point, Line, and Polygon Features	X			
Modify and Create Attribute Values	X			
Maintain Attribute Values through Defined Rules (domains)	X			
Administrators Can Limit Exposed Editing Functionality	X			
Any Custom ArcObjects™ Components-Based Tool for Editing	X			

ArcGIS Server 9.3 Supported Platforms

Platform	ArcGIS Server (.NET Platform)	ArcGIS Server (Java Platform)	ArcGIS Server (.NET ADF)	ArcGIS Server (Java ADF)	ArcGIS Server (ArcSDE® Database Access Engine)
Microsoft Windows Server (32 bit and 64 bit)	X	X	X	X	X
Red Hat Enterprise Linux AS/ES (32 bit)		X		X	X
SUSE Linux Enterprise Server (32 bit) (Intel-based processors)		X		X	X
Sun Solaris SPARC		X		X	X

For detailed ArcGIS Server 9.3 system requirements, visit www.esri.com/ags93sysreq.

Optional Extensions (Licensed Separately)	Advanced	Standard	Basic	Notes
Data Interoperability	X	X		Windows only
Image	X	X		Windows only
Job Tracking for ArcGIS (JTX™)	X	X		
Network	X	X		
3D	X			
Schematics	X			
Geostatistical	X			Windows only
Spatial	X			