



Supergeo[®]

Supergeo Technologies Inc.

staff@supergeotek.com | www.supergeotek.com

SuperGIS Server 3.2 Functionality Matrix

July 2015



SuperGIS Server 3.2 Functionality Matrix

SuperGIS Server, a comprehensive and server-based GIS, is designed for the organizations to create, manage, integrate and distribute a variety of GIS resources, such as maps and geodatabases, over the Internet to support desktop, mobile and web applications. SuperGIS Server 3.2 provides 3 editions for users to choose from. Followings are the details of the functionality.

Overview

	SuperGIS Server 3.2		
	Value	Standard	Advanced
Support for Spatially Enabled Databases	✓	✓	✓
Geodatabase Management	✓	✓	✓
GIS Web Services	✓	✓	✓
*Feature Service	✓	✓	✓
Web Mapping Applications	✓	✓	✓
**Geoprocessing	✓	✓	✓
***Map Cache Tool	✓	✓	✓
Mobile Application SDK		✓	✓
Built-in GIS Extensions			✓

* The feature service available in Value edition is read-only.

** The geoprocessing services you can publish depend on the edition of SuperGIS Server you have.

*** SuperGIS Server Map Cache Tool is an independent map cache generating tool provided with SuperGIS Server.

Support for Spatially Enabled Databases

	SuperGIS Server 3.2		
	Value	Standard	Advanced
Microsoft SQL Server	✓	✓	✓
Microsoft SQL Server Express	✓	✓	✓
Oracle	✓	✓	✓
PostgreSQL	✓	✓	✓



GIS Web Services

	SuperGIS Server 3.2		
	Value	Standard	Advanced
Geodatabase Replication	☉1	☉1	☉1
Geometry (for geometric calculations such as calculating areas and lengths)	✓	✓	✓
Dynamic Map Services	✓	✓	✓
Cached Map Services	✓	✓	✓
Geoprocessing (for modeling and analysis of spatial data)		✓	✓
Network		☉2	☉2
Mobile (for Windows Mobile)		✓	✓
Keyhole Markup Language (KML)	✓	✓	✓
Web Coverage Service (WCS)	✓	✓	✓
Web Feature Service (WFS)*and Transactional Web Feature Service (WFS-T)	✓	✓	✓
Web Map Service (WMS)	✓	✓	✓
Web Map Tile Service (WMTS)	✓	✓	✓

☉1: It depends on the mechanism of databases.

☉2: Network services can be provided by working with either SuperGIS Network Server 3.2 or SuperGIS Network Analyst.

Web Mapping Applications

	SuperGIS Server 3.2		
	Value	Standard	Advanced
*Viewer	✓	✓	✓
JavaScript	✓	✓	✓
Flex	✓	✓	✓
Silverlight	✓	✓	✓

* SuperGIS Server 3.2 provides SuperGIS Mobile Viewer for users to view the map services on Android mobile devices.



Feature Service

	SuperGIS Server 3.2		
	Value	Standard	Advanced
Read-only	✓	✓	✓
Read and Write		✓	✓

Geoprocessing

	SuperGIS Server 3.2		
	Value	Standard	Advanced
Geoprocessing	✓	✓	✓
Advanced Geoprocessing			✓

© Geoprocessing services require the process you define with SuperGIS Toolkit in SuperGIS Desktop. The geoprocessing services you can publish depend on the edition of SuperGIS Server you have. SuperGIS Server Value edition can publish the basic analysis process. SuperGIS Server Standard edition can publish the process defined with SuperGIS Toolkit Standard level, and SuperGIS Server Advanced edition can also publish the additional functions with Professional level tools. The details of the functions provided by SuperGIS Toolkit are listed in Appendix 1, and Supergeo will keep improving and adding more tools to SuperGIS toolkit.



Mobile SDK

	SuperGIS Server 3.2		
	Value	Standard	Advanced
iOS		✓	✓
Android		✓	✓
Windows Mobile		✓	✓

Extensions

	SuperGIS Server 3.2		
	Value	Standard	Advanced
Spatial Analyst		Optional	✓
3D Analyst		Optional	✓
Spatial Statistical Analyst		Optional	✓
Network Analyst		Optional	✓
Biodiversity Analyst			Optional

© The functions provided with the extensions for SuperGIS Server are listed in Appendix 2.