



## SuperGIS Desktop 3.2 Edition Comparison

SuperGIS Desktop provides a complete set of tools for analyzing spatial data and authoring geographic knowledge to characterize geographic patterns, make predictions, and make better decisions.

The matrix summarizes the function comparison to help you choose the right one from two editions of SuperGIS Desktop.

	Standard	Professional
<b>Data Creation and Visualization</b>		
Edit, create and modify data for different purposes	X	X
Read and write raster images for advanced applications	X	X
Generate maps and charts	X	X
View CAD data	X	X
<b>Data Analysis and Geoprocessing</b>		
Use various tools for data analysis	X	X
Use geoprocessing tools	X	X
SuperGIS Toolkit*	X	X
Database Management		
Direct read the data in geodatabase	X	X
Direct read and write the data in geodatabase	-	X
<b>Topology Analysis</b>		
Create topological relationships of feature data	-	X
Convert the data containing topological information to feature data	-	X
<b>Customization Environment</b>		
Drag and drop to rearrange tools/toolbars	-	X
Create new toolbars or menus without programming	-	X
Create and save macros using visual basic for applications (VBA)	-	X
Extend the applications with any COM	X	X
Build new components with .NET using Microsoft Visual Studio add	X	X
<b>Add-ons</b>		
Feature Guided Pages	X	X



Online Map Tool	X	X
Advanced Editor	-	X
Land Parcel Editor	-	X
COGO	-	X

\*The supported analysis functions in SuperGIS Toolkit depend on the edition. Professional edition covers all the functions in Standard edition. The details are listed in the table below.



## Analysis Functions in SuperGIS Toolkit

Functionalities		Standard.	Professional
<b>Analysis Tools</b>			
Extract	Clip	✓	✓
	Select	✓	✓
	Select By Location	✓	✓
	Table Select	✓	✓
Overlay	Erase		✓
	Intersect	✓	✓
	Union	✓	✓
Proximity	Buffer	✓	✓
	Create Thiessen Polygons		✓
<b>Conversion Tools</b>			
From GPS	GPX To Feature Class	✓	✓
From Raster	Raster To ASCII	✓	✓
	Raster To Point	✓	✓
	Raster To Polygon	✓	✓
	Raster To Polyline	✓	✓
From WFS	WFS To Feature Class	✓	✓
From/To CAD	CAD To Feature Class	✓	✓
	Feature Class To CAD	✓	✓
To Geodatabase	Feature Class To Feature Class	✓	✓
	Feature Class To Geodatabase	✓	✓
	Table To Table	✓	✓
To PDF	Map To PDF		✓
To Raster	ASCII To Raster	✓	✓
	Feature To Raster	✓	✓



Data Management Tools				
Feature Class	Create Feature Class	✓	✓	
Features	Add Line String	✓	✓	
	Add Points	✓	✓	
	Add Polygon	✓	✓	
	Add XY Coordinates	✓	✓	
	Copy Features	✓	✓	
	Delete Features	✓	✓	
	Feature Attribute To ASCII	✓	✓	
	Feature Envelope To Polygon		✓	
	Feature To Line		✓	
	Feature To Point		✓	
	Feature To Polygon		✓	
	Feature Vertices To Points		✓	
	Multipart To Singlepart	✓	✓	
	Polygon To Line		✓	
	Repair Geometry	✓	✓	
Split Line At Point		✓		
Split Line At Vertices		✓		
Fields	Add Field	✓	✓	
	Calculate Field	✓	✓	
	Delete Field	✓	✓	
General	Merge	✓	✓	
Generalization	Dissolve	✓	✓	
	Simplify Line		✓	
	Simplify Polygon		✓	
Projections	Feature	Project	✓	✓
	Raster	Flip	✓	✓
		Mirror	✓	✓
		Project Raster	✓	✓
		Rotate	✓	✓
		Shift	✓	✓



		Define Projection	✓	✓
Raster	Raster Processing	Clip	✓	✓
		Convert Cell Type	✓	✓
		Grayscale	✓	✓
		Mosaic	✓	✓
		NDVI		✓
		Pan-sharpen	✓	✓
		Resample	✓	✓
Statistics	Utilities	Calculate Areas	✓	✓
		Calculate Length	✓	✓
Table		Join Field	✓	✓
		Set Field Value	✓	✓
Topology		Build		✓
		Clean		✓