

SuperGIS Server 3.0 Specification

Specification Description

- Bilingual interface (Chinese and English)
- Bilingual manual (Chinese and English)

GIS data and service management

- The centralized storage and management of spatial data provides tighter security and higher maintainability.
- Client side can use the published services by connecting to the Internet, instead of saving the spatial data in the local side.
- The server can manage the setting of the GIS services in Client side.
- As the services in Server side update, Client side can attain the latest settings, rather than update the services respectively.
- Setting the account and password of the remote management is supported, enabling administrators to modify the settings and distribute services easily.
- Setting individual account and password of end users is supported in order to avoid the use without licensing.
- Different service permission for different end users can be set.
- The expiry of GIS services for end users can be set.

Setting of server management

- The services can be installed, activated, stopped, and uninstalled by Service Managers.
- Administrators' account and password for connecting to SuperGIS Server Provider can be modified.
- Users' account and password for connecting to SuperGIS Server Provider can be modified.
- The account detail connecting to Container by Provider can be modified.
- The Container machine used in providing services can be added or removed.
- The order of the services provided by each Container can be altered.

Distribution and management of GIS services

- The services from different tiers can be distributed based on the directory structure of Server side.
- The services distributed by Server side can be modified and deleted by administrators.
- SuperGIS Engine is the process core of GIS services, supporting various layer formats and display.
- Watermark can be added in image layers in the process of distribution.

Applications in Client side

- SuperGIS Server Desktop Extension is utilized as the application in Client side.
- Client side can use the extension plugged in the server side.
- The website utilizing SuperGIS Server as the layer provider can be established as applications for Client side.
- The connection configurations and contents used by the local side can be modified and maintained.
- Client side can use the GIS services distributed by its account through connecting to the server.
- Client side can decide the map display, which cannot be saved back to the server.
- The attributes of the layers can be queried.

System Requirement

- CPU: Pentium II 266 or higher
- RAM: 256 MB or higher
- Operation system: Windows 2000/Windows XP Professional /
Windows 2003
- Software requirement:
 - ❖ IIS : 5.0 or higher
 - ❖ .Net Framework 2.0