



SuperGIS Webinar

SuperPad 10 - Taking Mobile GIS to a New Level



Speaker: Sydney Lai, Eugene Tseng
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Presenters



Eugene Tseng
Marketing Specialist



Sydney Lai
Product Manager

Quick Poll I



Overview of SuperGIS Products

SuperGIS Products




Server GIS

- SuperGIS Server
- SuperGIS 3D Earth Server


Cloud GIS (TW Only)

- SuperGIS Online
- Data Services
- Excel Add-in
- Address Locator
- Statistical API




Desktop GIS

- SuperGIS Desktop
- Analyst Extensions
 - Spatial
 - Spatial Statistical
 - 3D
 - Biodiversity
 - Network
 - Topology
- Add-ons
 - Image Analyzer
 - LiDAR Tool
 - Mapnote Tool
 - Dimension Tool
 - Temporal Slider
 - Cache Generator...



Mobile GIS

- SuperSurv (Android/iOS)
- SuperPad**
- SuperVeyor (Hardware bundle)



Solution

- Forestry APP (Android)
- SuperGIS Mobile Tour (Android)
- Mobile Cadastral GIS (TW only)



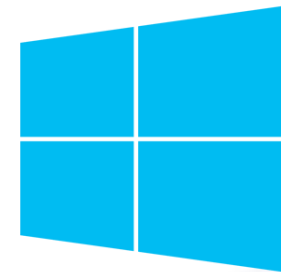
Developer GIS

SuperGIS Engine

SuperGIS Mobile Engine

Overview of SuperPad

- Professional mobile GIS app
 - GIS data collecting, editing & managing
 - Standalone & ready-to-use on Windows Mobile & Windows OS
- Better Survey Experience
 - Enhance data precision with external GNSS receiver
 - Activate post processing or NTRIP extension for better data quality



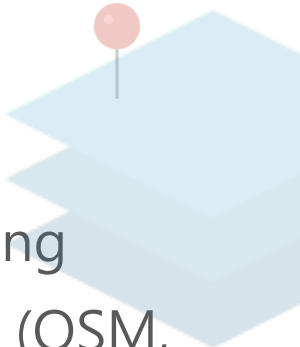



Key Features of SuperPad

GNSS

- Record track & display on the map
- Stake out surveying point (Waypoint)
- Apply NTRIP service*
- External GNSS receiver*
- Post processing data*

GIS

- 
- Offline GIS data editing
 - Abundant basemaps (OSM, Mr.SID, JPEG2000)
 - Query/identify/measure
 - Cloud service (OGC/SuperGIS Server)
 - On-the-Fly projection
 - Relational Table
- 

A More Precise Way to Collect Data



Use SuperPad on Windows OS device (laptop/tablet) with external GNSS receiver to collect GIS data.

In Today's Webinar

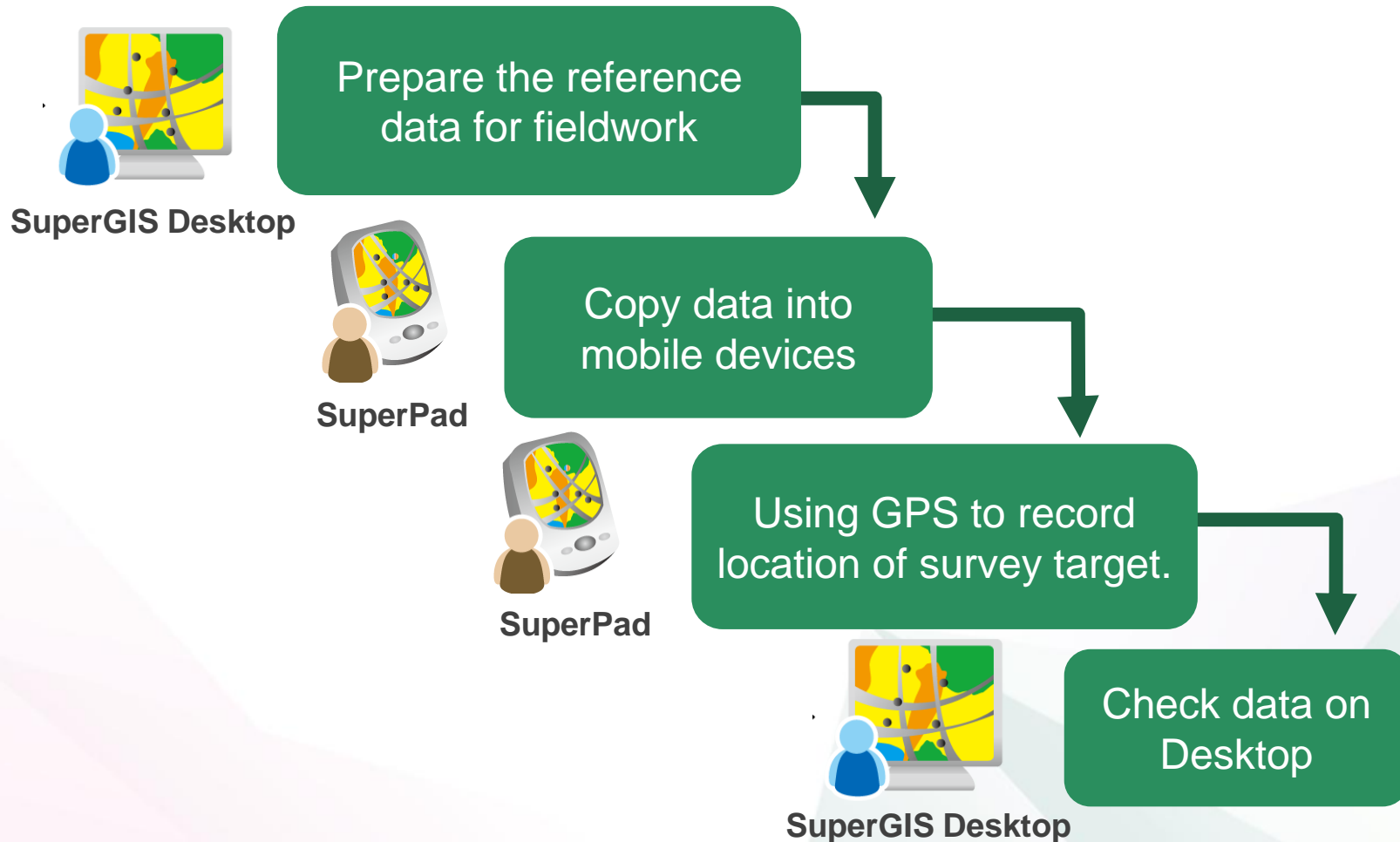
 Collecting and Editing Data Using SuperPad 10

 Hints for working smarter in the field

 Update the data instantly !

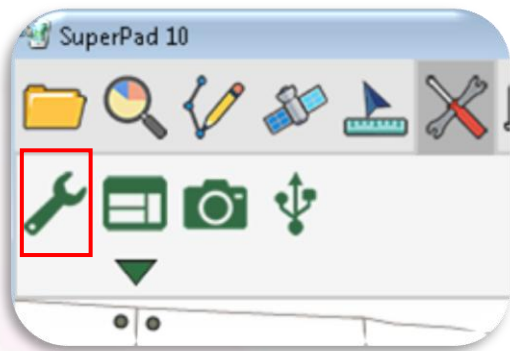
COLLECTING AND EDITING DATA USING SUPERPAD 10

SuperPad Workflow in Offline Environment



Activating Extensions

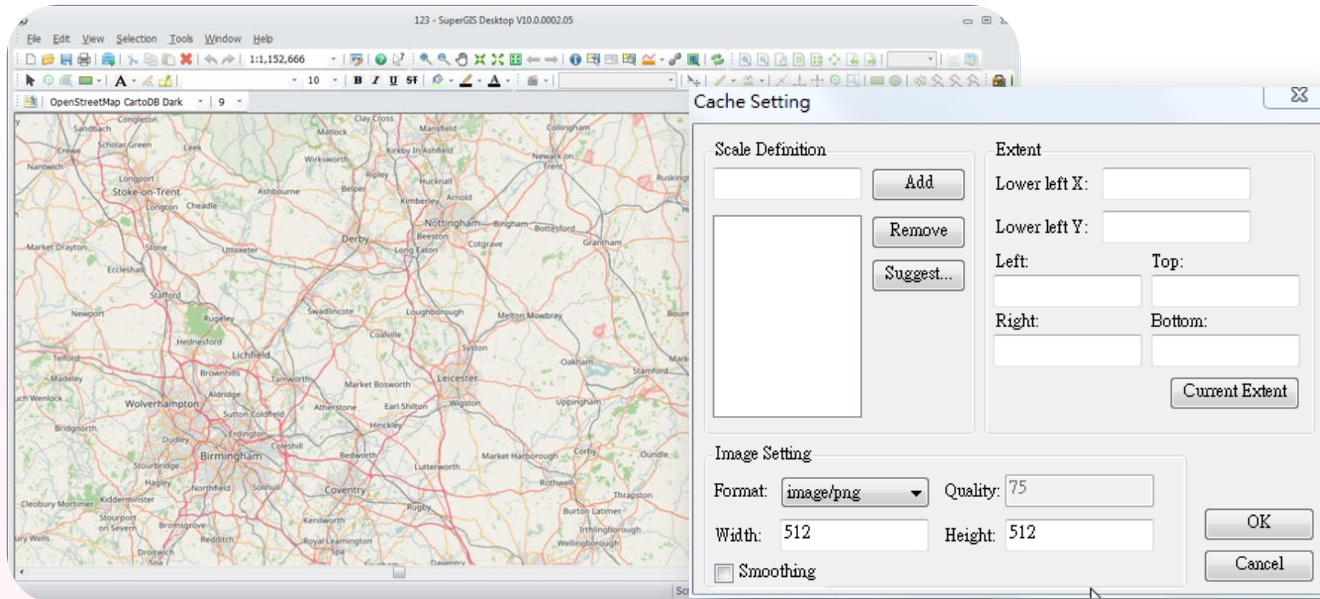
- Activate the extensions in the system settings, and tick the extensions you need.
- The extensions provide you powerful abilities in addition to the basic function in SuperPad.



File Path	Version	Company	Copyr
<input checked="" type="checkbox"/> AdvancedAttributeEditing.dll	3.1.6253.18171	Supergeo	© 20:
<input type="checkbox"/> BirdView.dll	3.1.6253.18172	Supergeo	© 20:
<input type="checkbox"/> CADLayer.dll	1.0.6253.18168	Supergeo	© 20:
<input checked="" type="checkbox"/> DataServicesToolbar.dll	3.1.6253.18166	Supergeo	© 20:
<input type="checkbox"/> Laser.dll	3.1.6253.18164	Supergeo	© 20:
<input type="checkbox"/> NetworkTool.dll	3.1.6253.18167	Supergeo	© 20:
<input type="checkbox"/> Ntrip.dll	1.0.6253.18169	Supergeo	© 20:
<input checked="" type="checkbox"/> OnlineMapTool.dll	3.0.6253.18170	Supergeo	© 20:
<input type="checkbox"/> SGSONlineEditToolbar.dll	1.0.6253.18174	Supergeo	© 20:
<input type="checkbox"/> SGTLayer.dll	3.1.6253.18173	Supergeo	© 20:
<input type="checkbox"/> SketchLabeling.dll	3.1.6253.18171	Supergeo	© 20:
<input type="checkbox"/> STCLayer.dll	1.0.6253.18173	Supergeo	© 20:

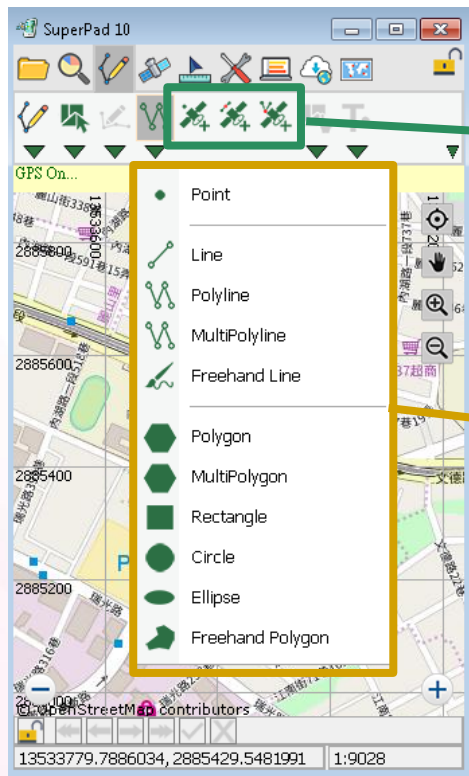
Add basemaps / Reference data

- Add basemaps using OnlineMapTool (need internet connect) or STP extension.
- The .STP file (SuperGIS Tile Cache) is generated from the Cache Generator in SuperGIS Desktop.



Field Survey

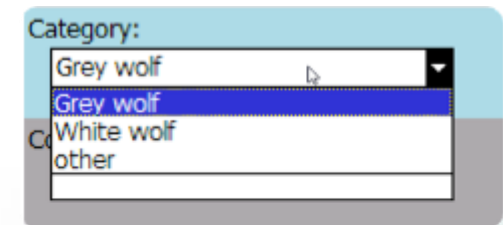
- Collect data using GPS signals or edit tools.
- Use Advanced Attribute Editing to build custom menu.



- (Left) Add a point with GPS signal
- (Middle) Add one vertex at a time, manually, with GPS signal
- (Right) Add vertices with GPS signal continuously

- Select the type you want to edit: Point, Line, or Polygon...etc.

Advanced Attribute Editing



DEMONSTRATION

The background features a series of overlapping, semi-transparent geometric shapes, primarily triangles and polygons, in various shades of green, purple, and pink. These shapes are arranged in a way that creates a sense of depth and movement, with some shapes appearing to be in the foreground and others receding into the background. The overall effect is a modern, abstract design.







HINTS FOR WORKING SMARTER IN THE FIELD

Hints for working smarter in the field

- Quick Project
- Find Coordinate System Instantly
- Fixed zoom in/out to Maintain Scale
- More Accurate Measurement
- GPS Alert Function
- New Mode for GPS Stakeout

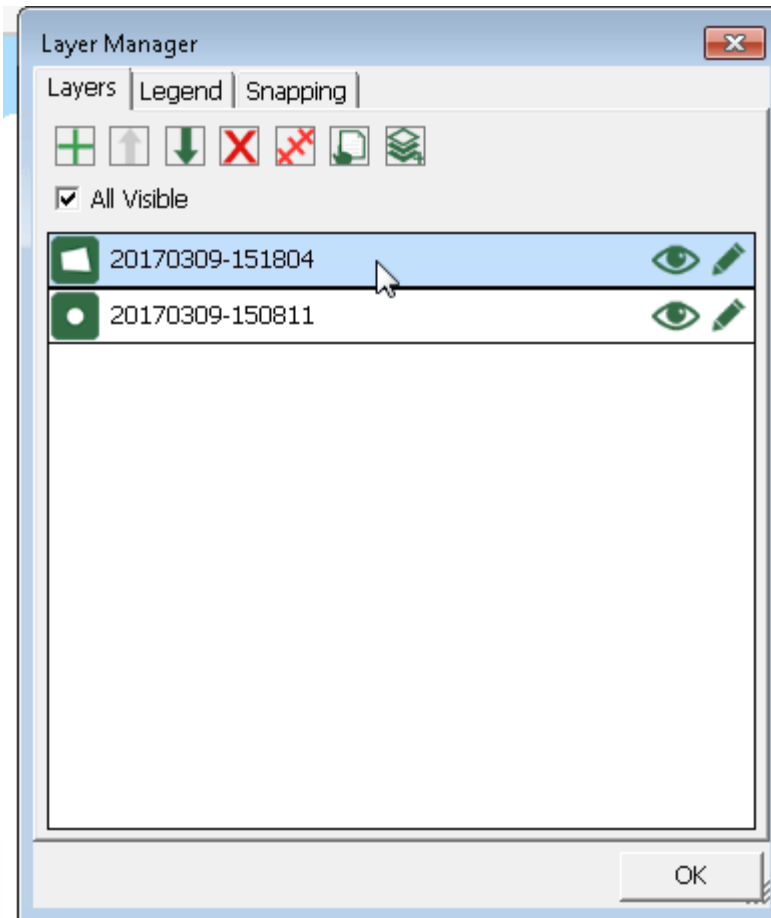
Quick-project

- Offer ready-to-use project templates for different surveying needs.
- Users can select a preferred template or create a new template by yourself.

 Default	 Tree Tally
 Online Map	 Self-defined

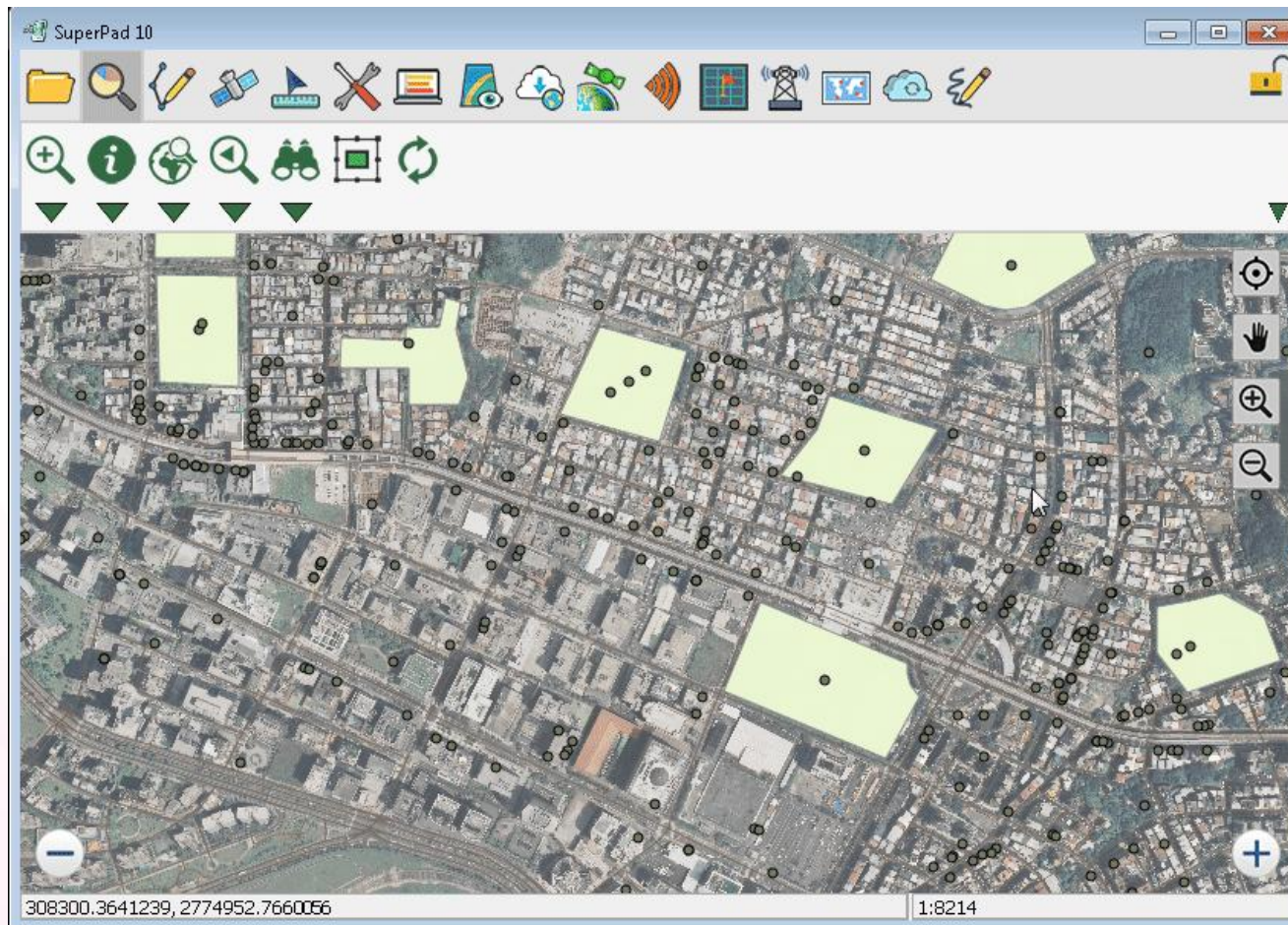
Find needed coordinate systems

- Searching the coordinate systems you need by EPSG code or projection name.



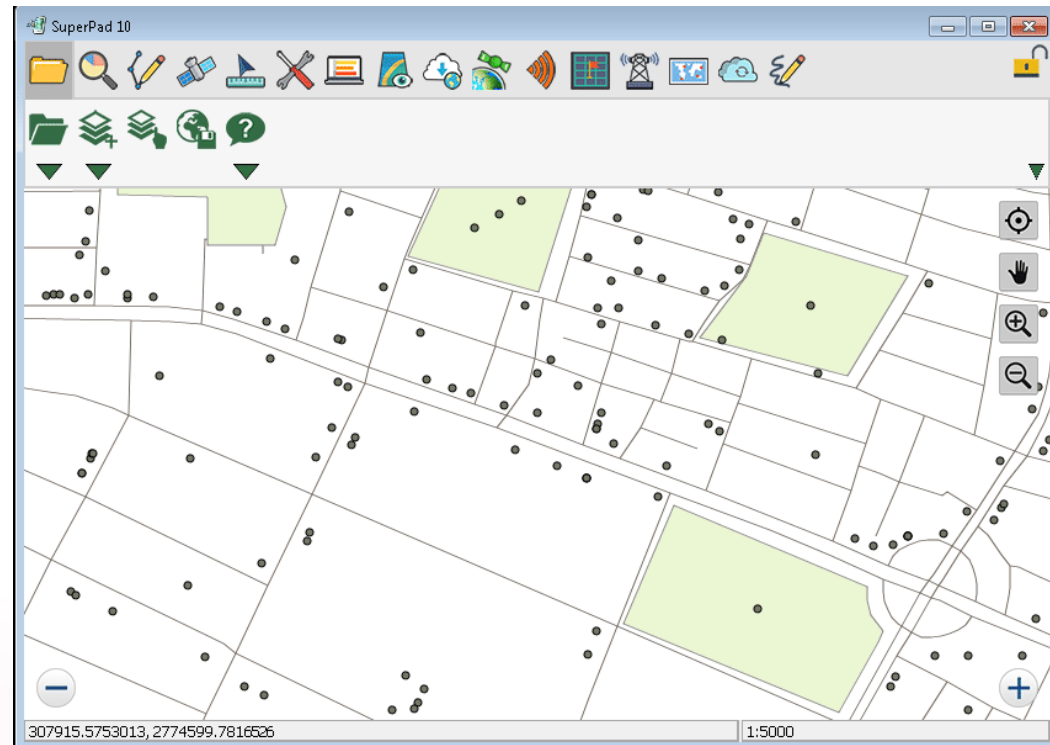
Fixed Zoom in/out

- Maintain scale, and switch to the certain scale.



More Accurate Measurement

- Integrate snap setting in measurement, so you can ensure that you are tapping correction position while measure the distance.



GPS Active-Alert

- Take advantage of alert message to always know the status of GPS data receiving
- Could alert users when:
 - No GPS data being received
 - No current position fix
 - Not a 3D fix
 - Maximum accuracy exceeded
 - Approaching Destination



A brand-new mode for GPS stakeout

- Waypoint
 - Provides guidance to a GPS user in reaching destination.
 - Calculate the distance and azimuth between target and current distance.
- With new mode in stakeout function, it will be easier to approach target.



Quiz for Special Offer



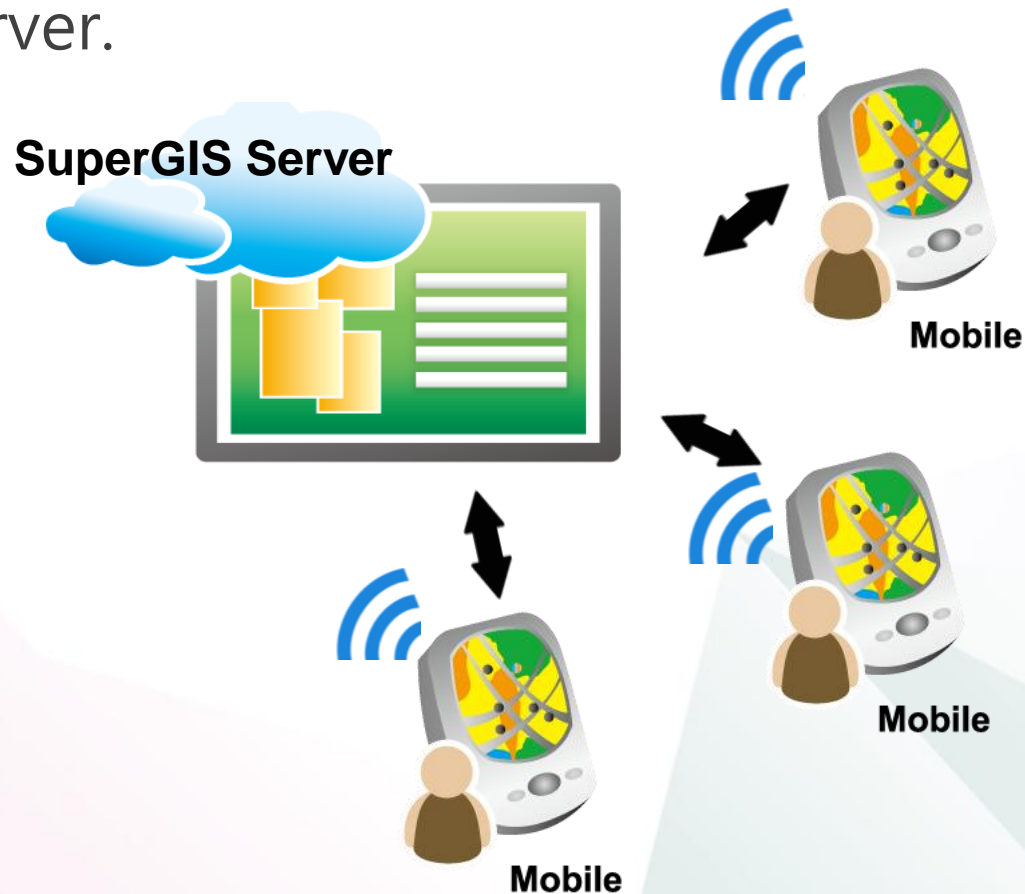
Extra long trial licenses for SuperPad 10



**UPDATE THE DATA
INSTANTLY**

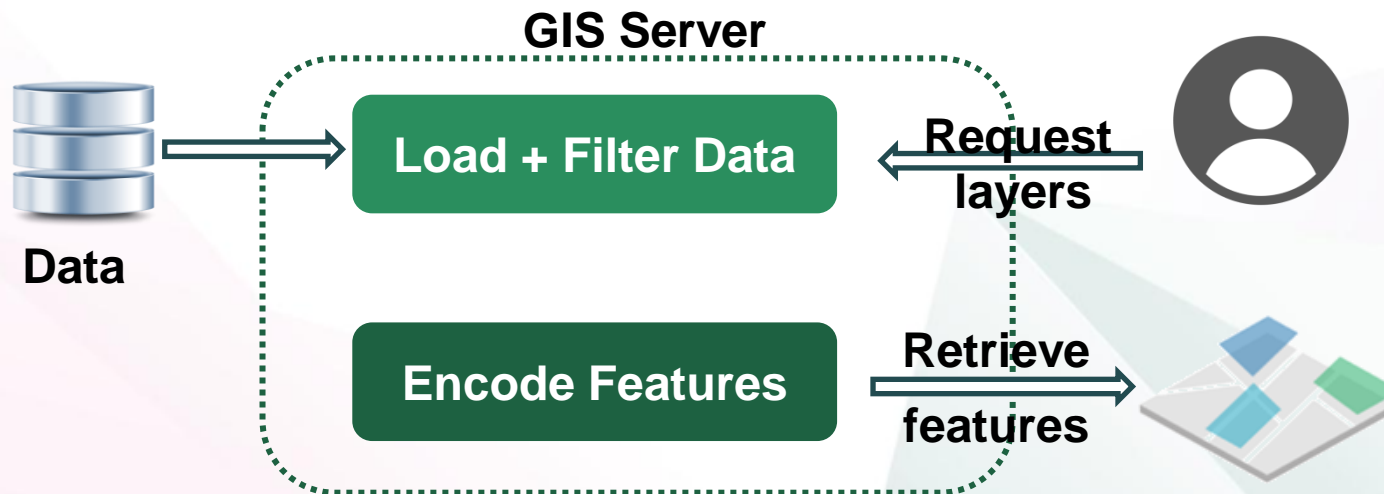
Update the data instantly

- By connecting with GIS server, you can collect your data in the field and synchronize updated data back to GIS server.



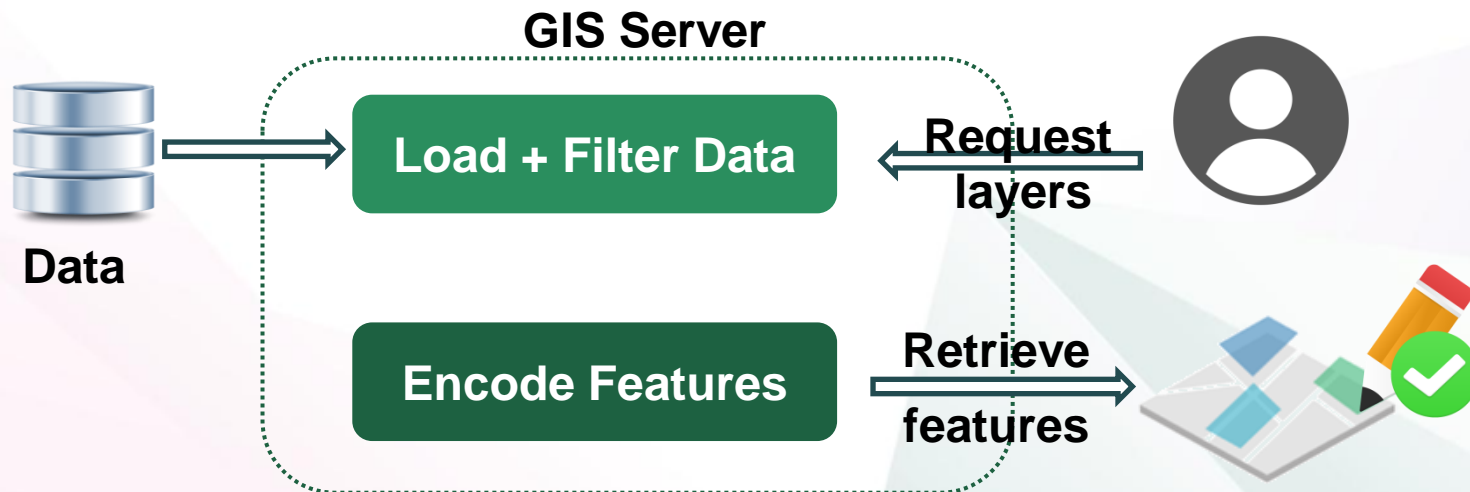
Update the data instantly

- To do online editing, you can choose:
 - SuperGIS Server
 - Any GIS server which supports WFS-T standard.
- Workflow of WFS
 - Querying and retrieve geometry of features



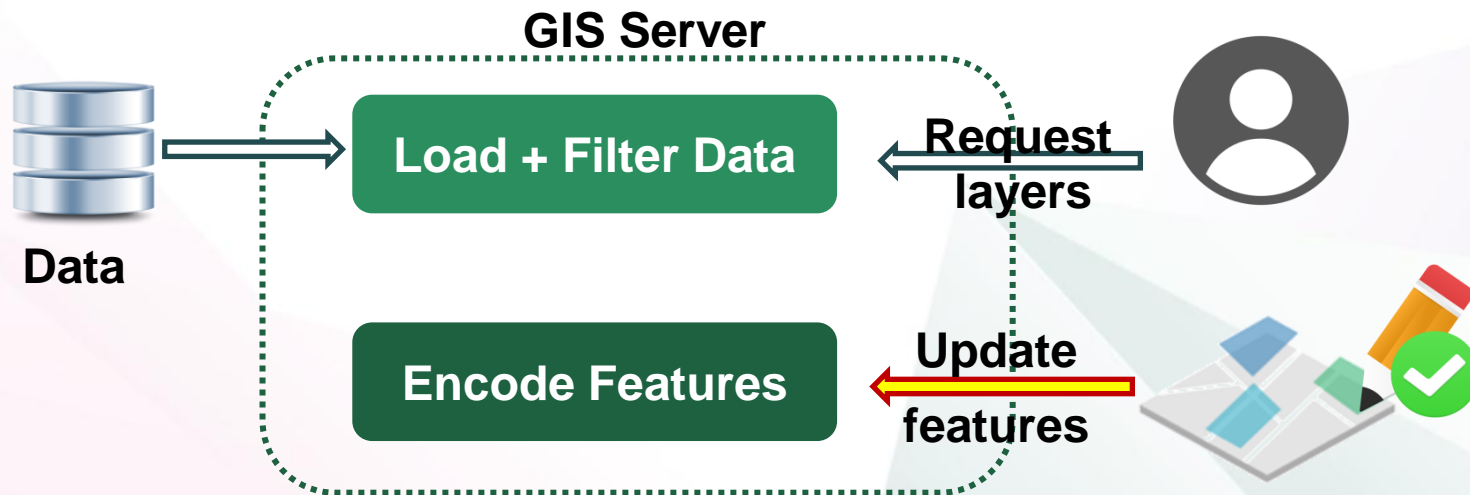
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 - Update features back to server

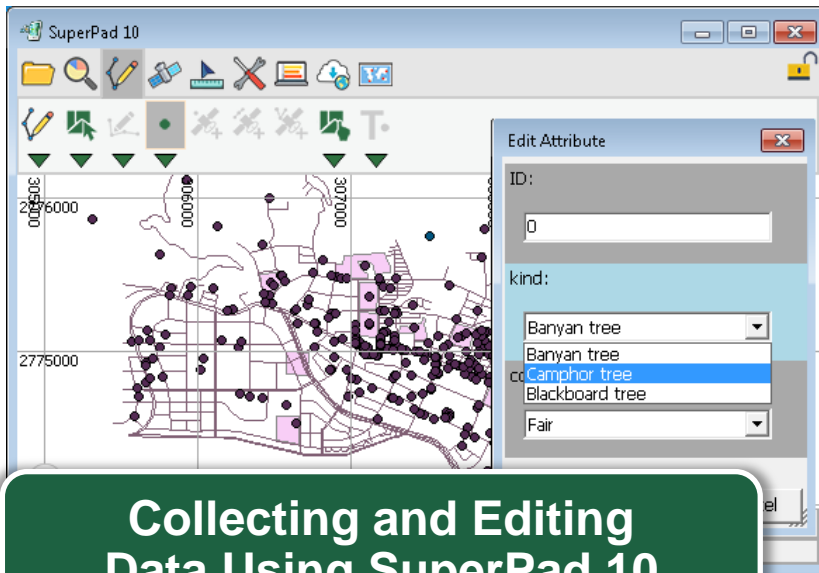


Update the data instantly

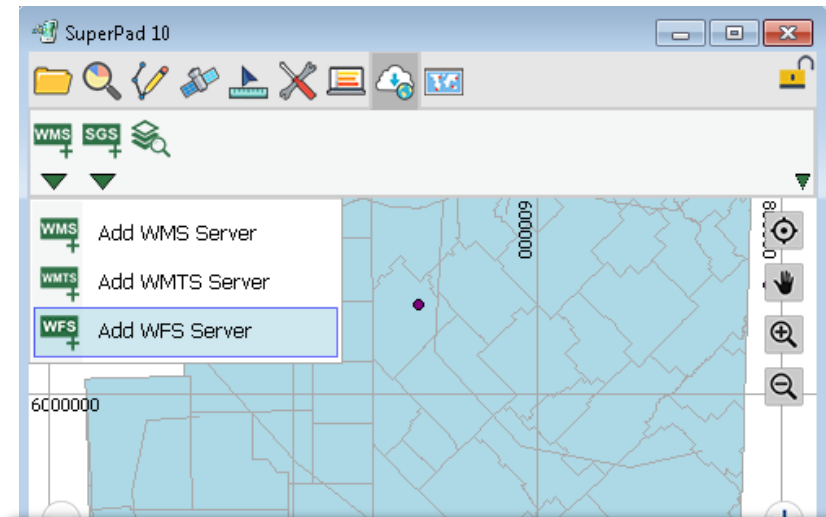
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 - Querying and retrieve geometry of features
 - Update features back to server



Quick Summary



**Collecting and Editing
Data Using SuperPad 10**



Update the data instantly



Hints for working smart in the field

Quick Poll II



SupergeoTV





Collect Data with SuperGIS

Find SuperGIS mobile apps on different platforms for your device.

SuperSurv 10

The Cutting-Edge Mobile GIS Software



Features	SuperSurv 10	SuperPad 10
Operating System		
General Vector Format Support	<input type="radio"/>	<input type="radio"/>
Raster/Tile Support	<input type="radio"/>	<input type="radio"/>
Online Base Map	<input type="radio"/>	<input type="radio"/>
Global or Custom CRS Support	<input type="radio"/>	<input type="radio"/>
On-The-Fly Projection		<input type="radio"/>
Offline data display and edit	<input type="radio"/>	<input type="radio"/>
Data collection via GPS/GNSS	<input type="radio"/>	<input type="radio"/>
Online Editing	<input type="radio"/>	<input type="radio"/>
Advanced data editing	<input type="radio"/>	<input type="radio"/>
Identify and attribute Query	<input type="radio"/>	<input type="radio"/>
On-screen measurement	<input type="radio"/>	<input type="radio"/>
Navigation and Waypoint	<input type="radio"/>	<input type="radio"/>
OGC Standard Service(WMS/WMTS/WFS)	<input type="radio"/>	<input type="radio"/>
Customization and Extensions	<input type="radio"/>	<input type="radio"/>
External GPS/GNSS receiver Support	<input type="radio"/>	<input type="radio"/>
NTRIP connection Support	<input type="radio"/>	<input type="radio"/> 
Post Processing		<input type="radio"/> 

Simply Learn More!

- SuperGIS Webinar
- SuperGIS Free Online Course
- Supergeo Forum
- Supergeo Developer Network
- Supergeo TV



Supergeo

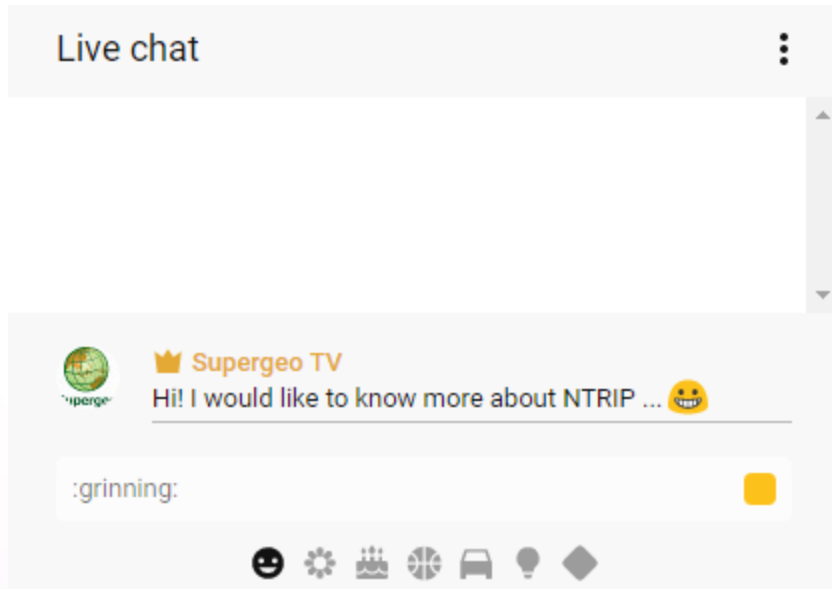
 Desktop GIS	 Mobile GIS	 Server GIS
Get Started with SuperGIS Desktop: Download, Install, and License	What is GIS?	Manage with SuperGIS Server
Data Import and Export	Collect Field Data with SuperPad	Edit Data Online
What is GIS?	Edit Data Online	Produce Map Sheet
Edit Data Online	Collect Data with SuperSurv iOS	Customize SuperGIS Server - JavaScript
Produce Map Sheet		Work with SuperGIS Server Android SDK
Customize SuperGIS Server - JavaScript		Work with SuperGIS Silverlight API
Develop Extensions in Desktop		Work with SuperGIS Server iOS SDK
Manage Image Data		Publish and Consume the Process Service
Advanced Data Visualization and Analysis		JavaScript API;^{NEW} Create a map from SuperGIS Server
		JavaScript API;^{NEW} Overlay your map with online maps
		JavaScript API;^{NEW} Re-design your map
		JavaScript API;^{NEW} ...



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Q&A Time



Take a Survey!



Driving Our World with GIS

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