

Supergeo Webinar

Streamlining Field Survey & Mobile Mapping by SuperSurv

Jun 4, 2014

Presenters

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International Marketing Division

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GIS Training & Support Center

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Sr. Support Engineer
GIS Training & Support Center

Product Roadmap

SuperGIS Products



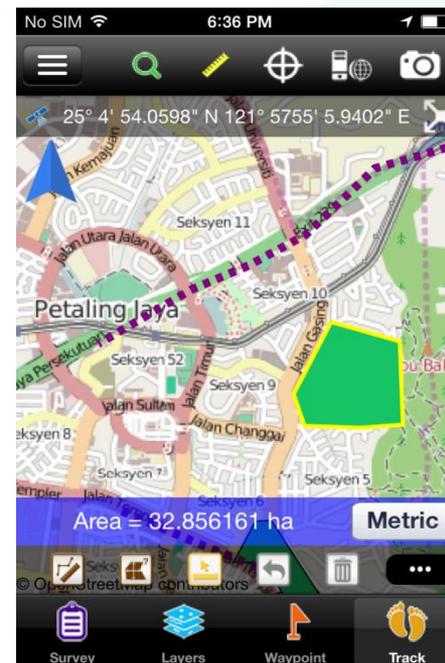
 <p>Server GIS SuperGIS Server SuperGIS 3D Earth Server SuperGIS Network Server SuperWebGIS</p> <p>Cloud GIS SuperGIS Online - Data Services - Excel Add-in - Address Locator - Statistical API</p>	 <p>Desktop GIS SuperGIS Desktop</p> <ul style="list-style-type: none"> - Spatial - 3D - Network - 67-97 CTS (TW only) - CCTS (TW only) - Spatial Statistical - Biodiversity - Topology 	<p>Mobile GIS</p>  <p>SuperGIS Mobile Engine SuperPad SuperField SuperSurv (Android/iOS) Superveyor (Hardware bundle)</p> <p>Solution</p>  <p>SuperGIS Mobile Tour (Android) Mobile Cadastral GIS (TW only)</p>
 <p>Developer GIS SuperGIS Engine SuperNetObjects</p> <ul style="list-style-type: none"> - Network - Biodiversity - Spatial - 3D - Spatial Statistical 		

Streamlining Field Survey & Mobile Mapping by SuperSurv

Position of SuperSurv

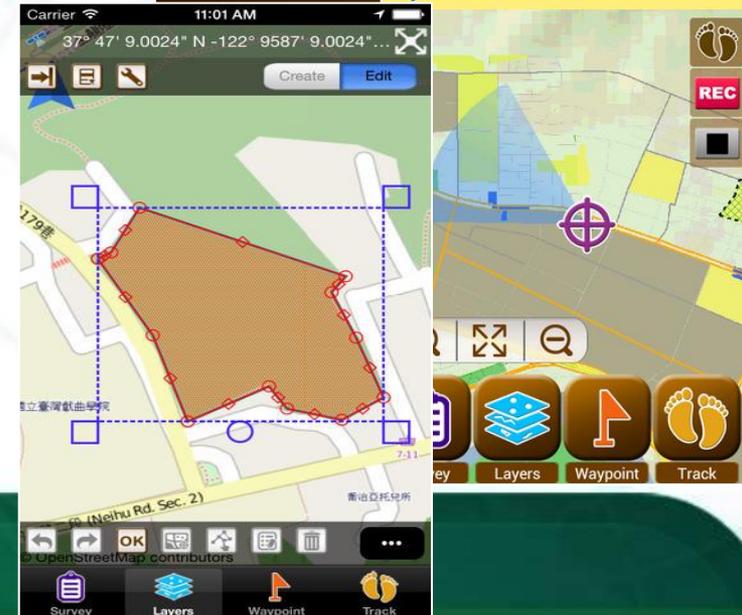
- A GIS data collection app specially designed for Android and iOS platform
- Integrating with GIS and GPS technologies
- Easily capturing and handling spatial data in the field

iOS



Overview of SuperSurv

- Efficiently collect point, line, polygon data
- Support **offline & online editing**
- Display map data with **global coordinate system**
- Create and manage **waypoints**
- Query and measure on the map
- Fully compatible with other SuperGIS product lines



Supported Spec and OS

- Vector data: SHP, GEO
- Raster data: SGT, STC
- GPS track: SHP, KML
- Waypoint: TXT, CSV, KML

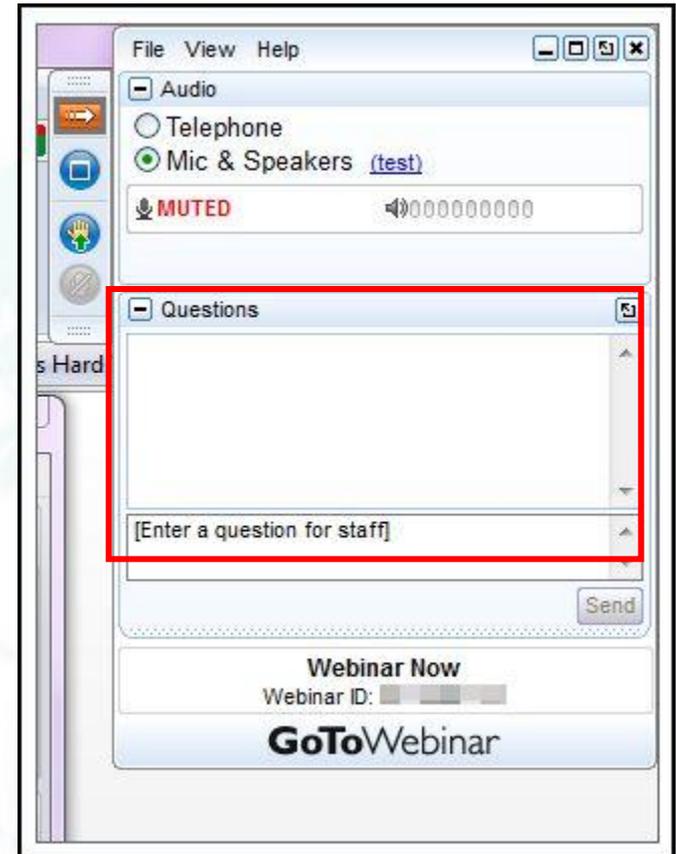


- **OS: Android 2.3 above**
iOS 6 above



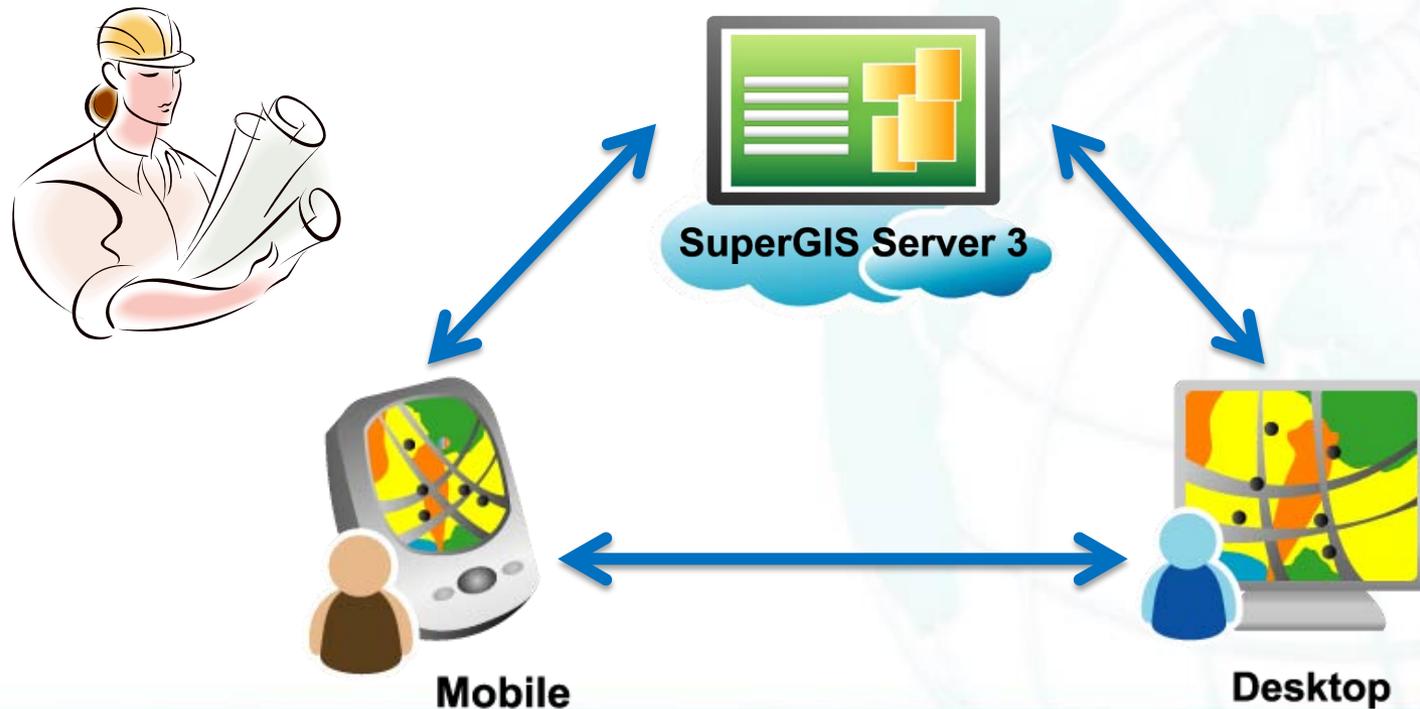
Questions & Comments

- During the presentation, you may share your comments or questions by typing in the box on the right of your screen.
- Or, you may drop us an email to: **staff@supergeotek.com** and we will answer you shortly.



Mobile GIS Application

- A lightweight GIS system on your mobile devices
- Specifically designed for **field works**



Agenda

- **Integrated Agriculture Survey with SuperSurv**
 - ✓ Survey project with various coordinate systems
 - ✓ Customizable field operations and data collection
 - ✓ Convenient data query and measurement

- **Survey anytime, anywhere**
 - ✓ Ready to survey with efficient online map tool
 - ✓ Spatial guiding tools for precise navigation



Demonstration Cases

- **Two live demonstrations and topics by SuperSurv (iOS):**
 - **Integrated Agriculture Survey by SuperSurv**
 - ✓ **Main function frames for field survey**
 - **Survey with Online map project**
 - ✓ **Quick survey and convenient toolset**

Live Demostration #1

Integrated Agriculture Survey by SuperSurv



Agriculture Field Survey

- **Scenario**

- Perform a streamlining and convenient agricultural field survey with iOS devices
- The survey will include soil texture spot-survey and crops condition survey in rural area



Agriculture Field Survey

- A survey project with
 - Customized Coordinate system
 - Cached Map and Layers ready for survey
 - Point layer built with custom attributes
 - Data collecting and update
 - On-screen query and measurement



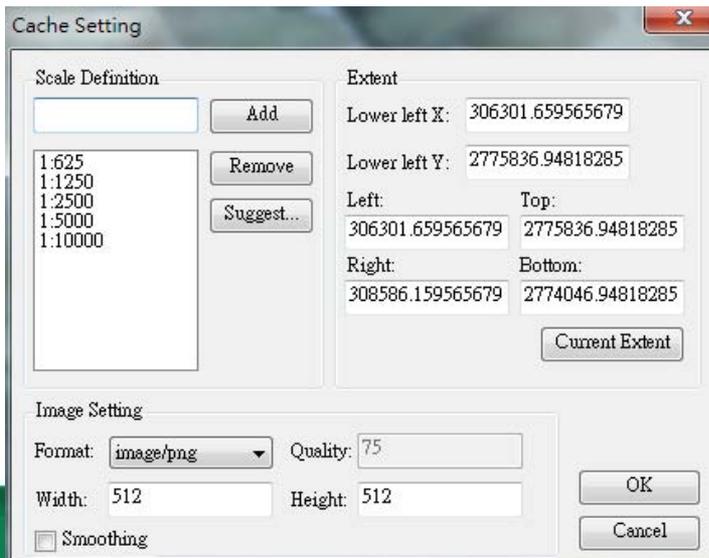
#01 Start With SuperSurv

- **Setting Project**

- **Creating a project environment** before the survey is very important
 - ✓ All data and media will be stored within your project folder
- To decide the spatial reference system and the purpose of your project, you may create:
 - ✓ **New Project** with optimized spatial reference
 - ✓ **Online Map Tool Project** with OpenStreetMap

#02 Preparation before survey

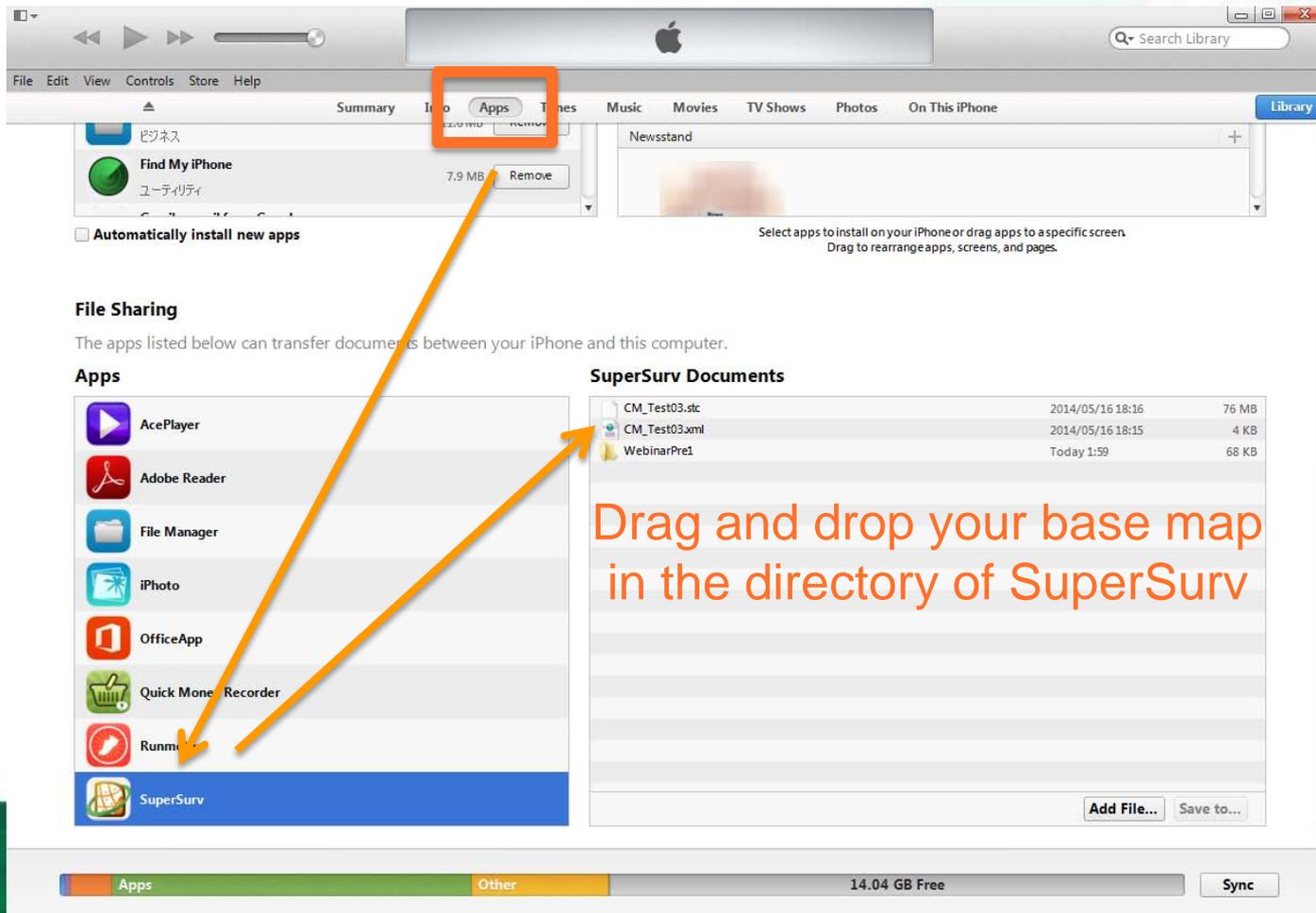
- **Base map preparation of survey**
 - **STC** and **SGT** Map Cache File supported
 - Create your own base map by **SuperGIS Desktop Cache Generator**
 - Simply use iTunes to import base map files



STC Base Map

#02 Preparation before survey

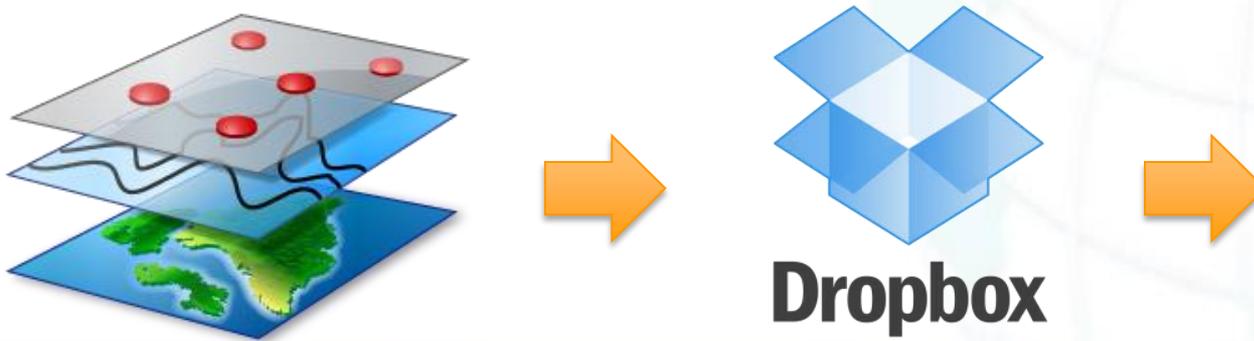
- Base map preparation



#02 Preparation before survey

- **Bring in the former survey data**

- All the layer files should be stored in the “**Layers**” folder within the project
- Both **.GEO** and **.SHP** format are supported
- Layers could be imported by Dropbox and other tools
- Dropbox APP would be needed



Demonstration



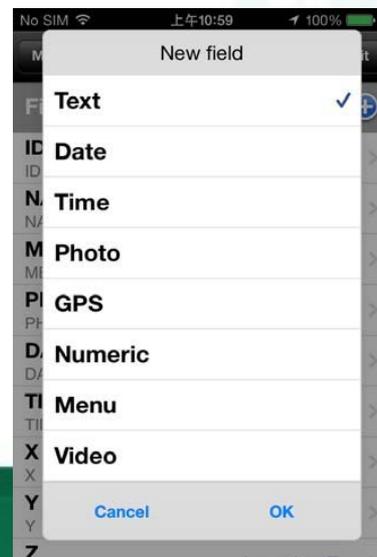
#03 Layer creation & customization

• Layer Creation and Management

- SuperSurv allows user to create **point, line and polygon** layers
 - ✓ .GEO or .SHP format with customized code pages
- Changeable **symbology** and **layer order**

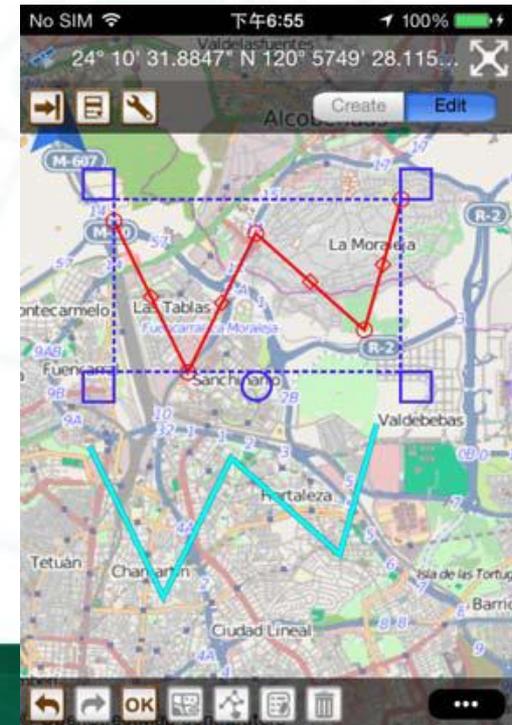
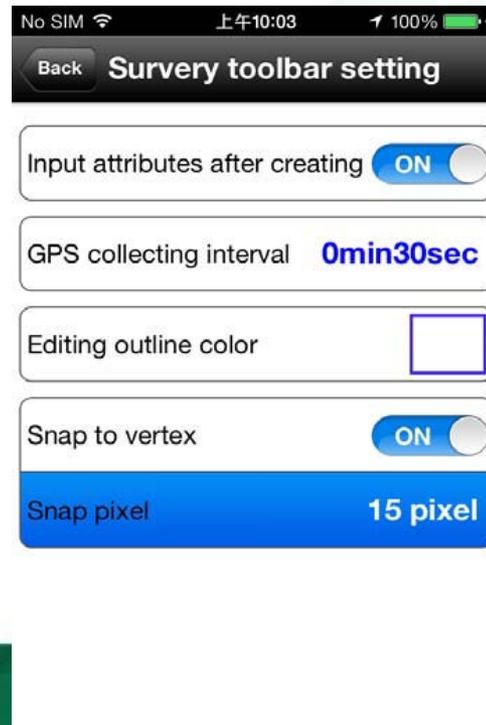
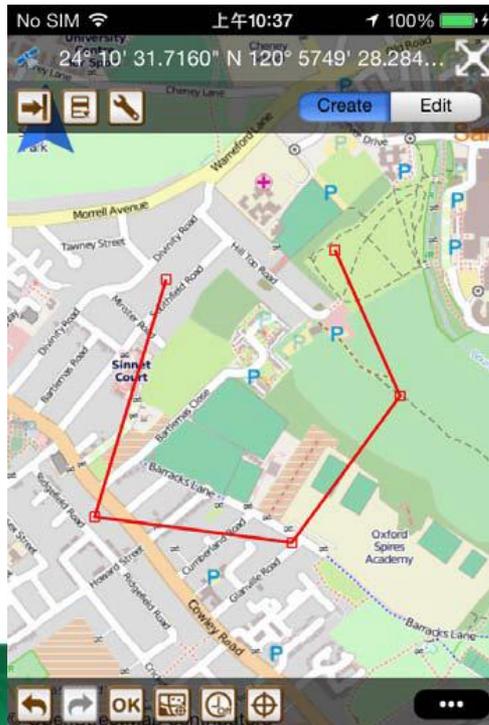
• Customization of Attribute table

- Manage and customize the attribute table easily



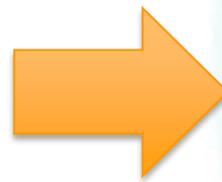
#04 On-field Data Collection

- **Data collection with GIS & Survey tools**
 - Switchable layers within project for editing and modification
 - Automatic feature collection via GPS, or manually input the vertex one by one.



#05 Geo-tagging

- **Take photos with camera in field survey**
 - Record the environment at or around the spot
 - Record coordinate information to EXIF information of the photo



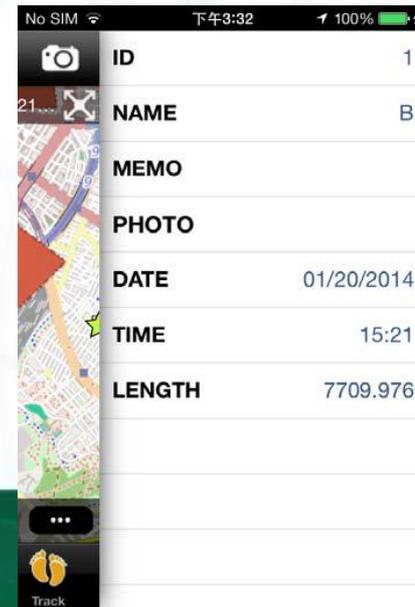
Demonstration



#06 Quick Data Query

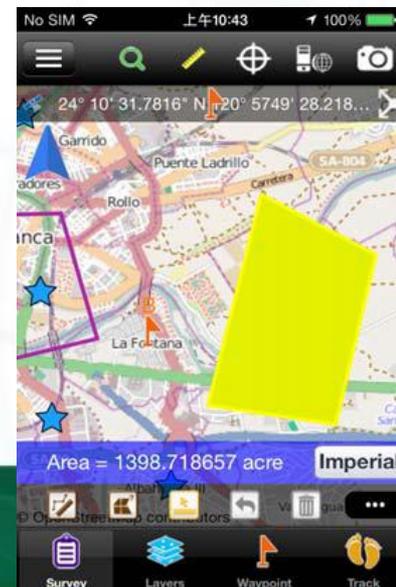
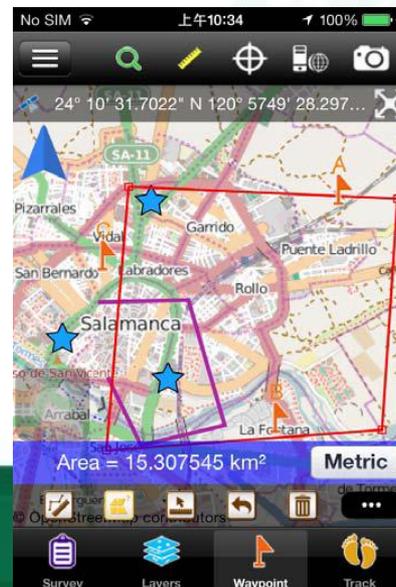
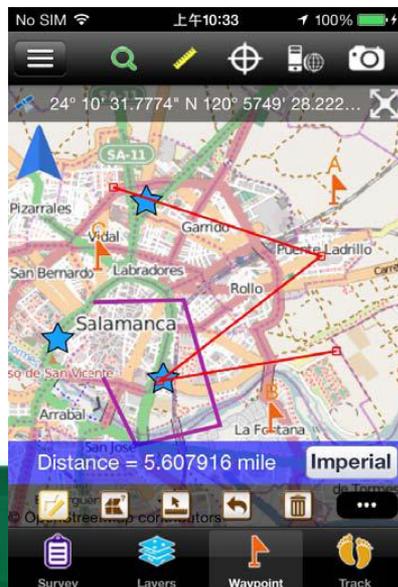
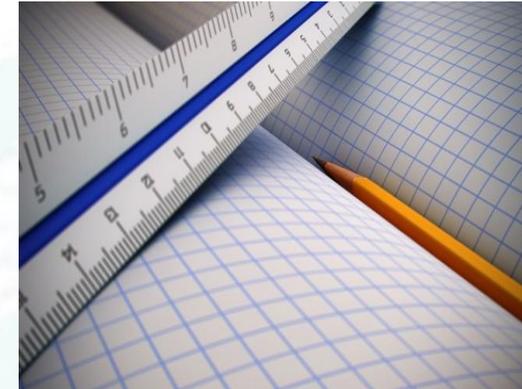
- **Quick data query tools in SuperSurv**

- **Attribute Query**
- **Identify Query**
- Query Settings allow user to perform more precise and efficient on-screen query



#07 On-Screen Measurement

- **Measurement tools in SuperSurv**
 - Length Measurement
 - Area Measurement
 - Feature Measurement
 - Switchable metric units and imperial units



Demonstration



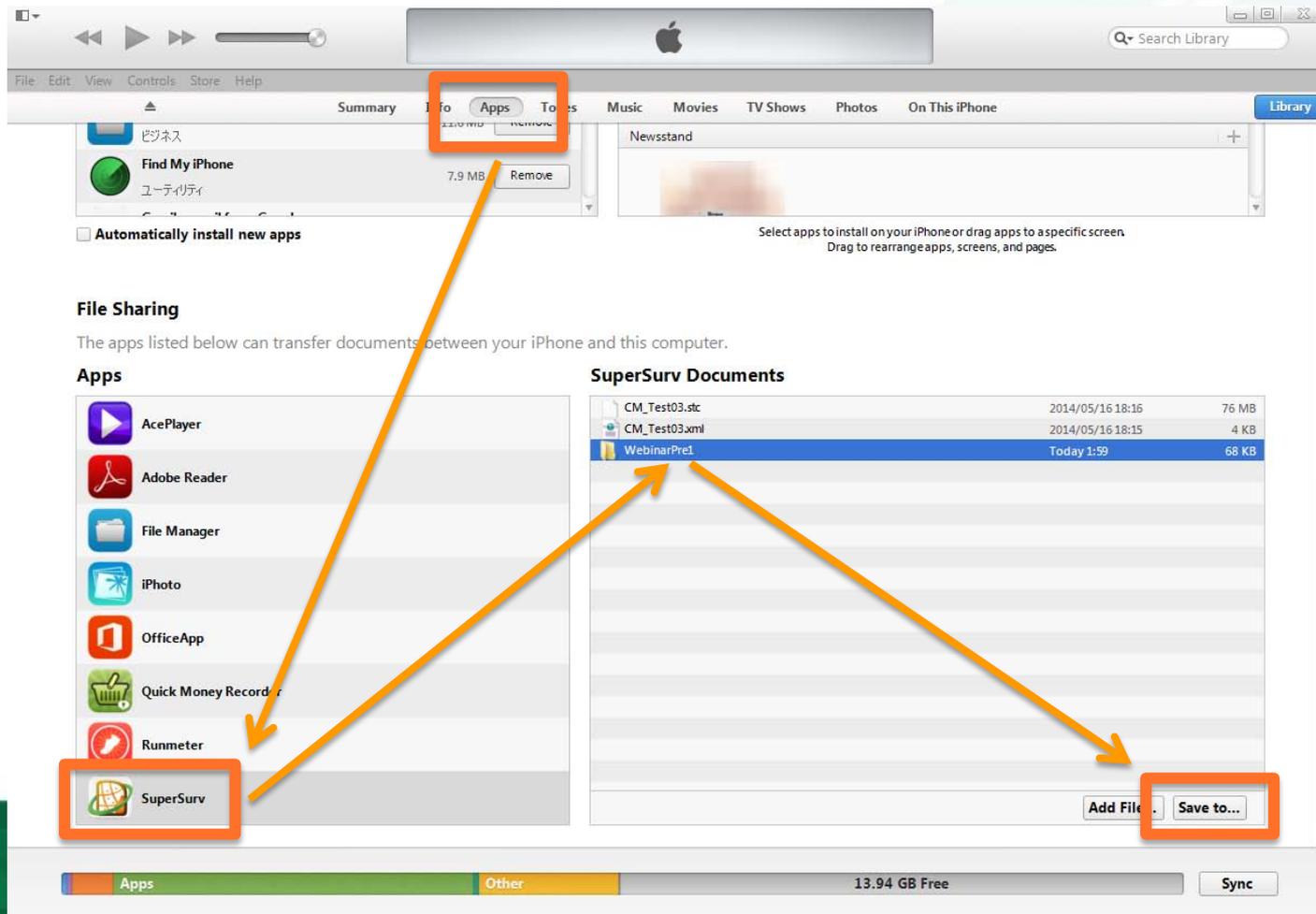
#08 Post Survey Progress

- **Export your survey data**
 - Export the survey project folder by iTunes
 - Photos can also be exported independently



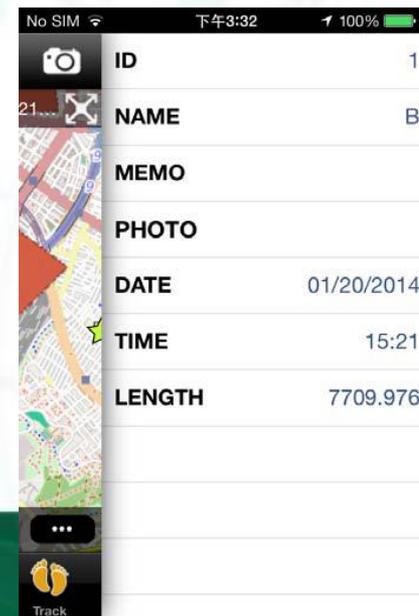
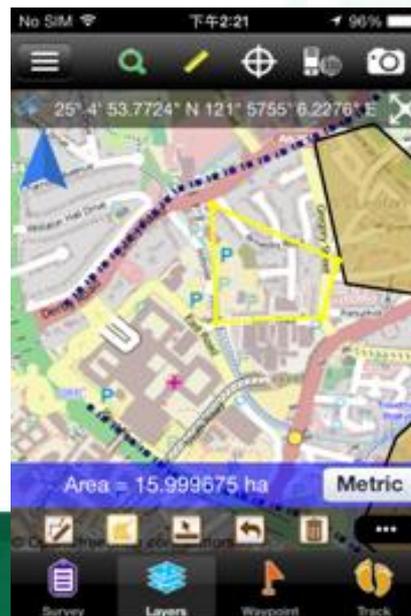
#08 Post Survey Progress

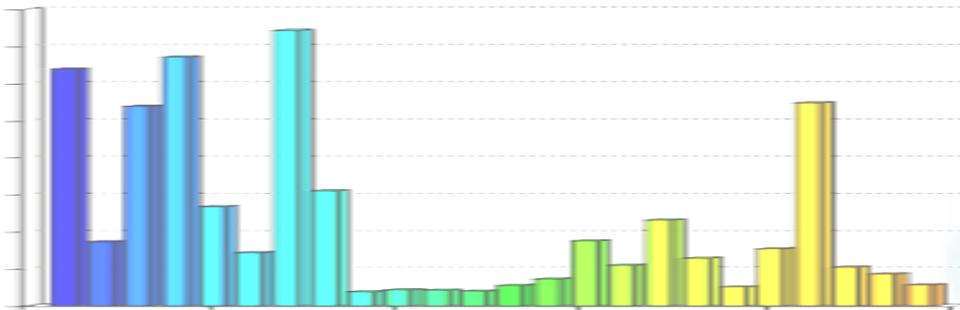
- Export your survey data



Reviews #1

- Preparation of field survey
- Field Layer management and survey
- Quick and convenient data query
- On-screen measurement with ease





BREAKTIME: QUICK POLL



Subscribe **SupergeoTV** now!

<http://www.youtube.com/user/supergeotv>

Live Demostration #2

Precise survey with SuperSurv, anytime anywhere



Precise & Convenient Survey with SuperSurv

- **Scenario**

- Perform a live survey, in front of our office (front yard)
- Survey with SuperSurv quickly



#01 Online Map Project

- **Project with Online base map**

- **Survey powered by OpenStreetMap**

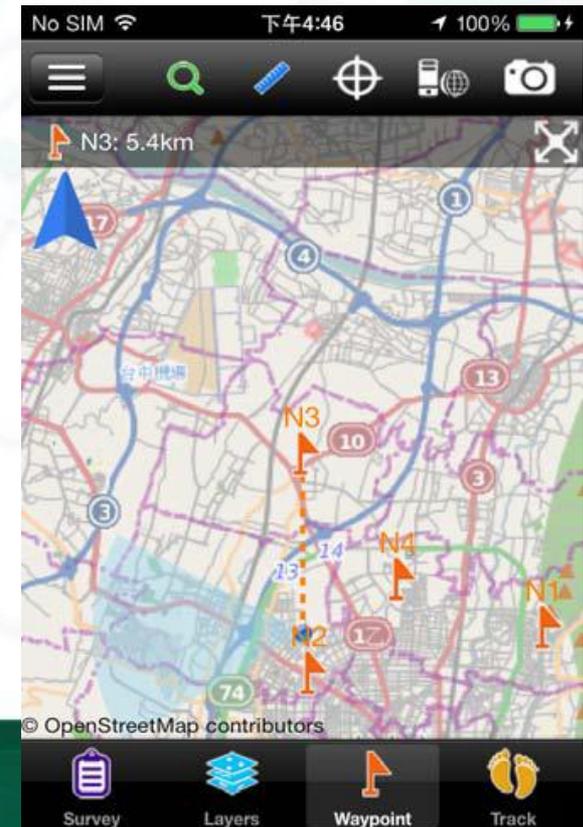
- ✓ Ready-to-go anytime, anywhere.
- ✓ Four different kinds of base map supported
- ✓ Field work with Web Mercator coordinate system



#02 Spatial Guiding

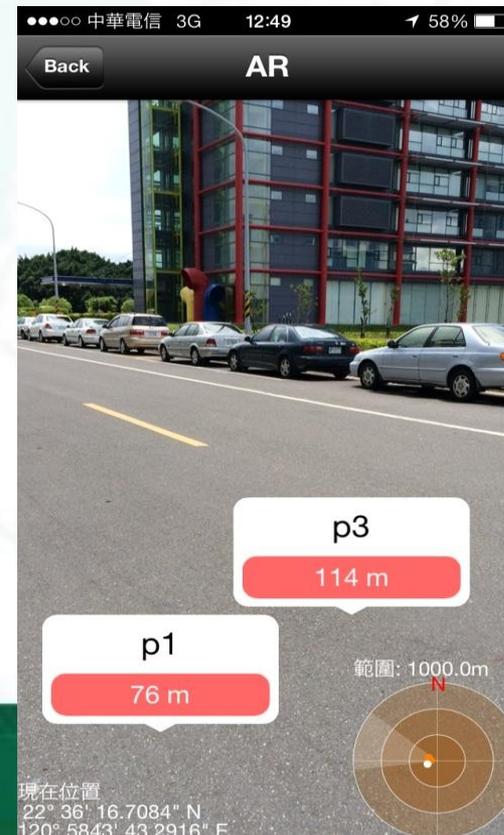
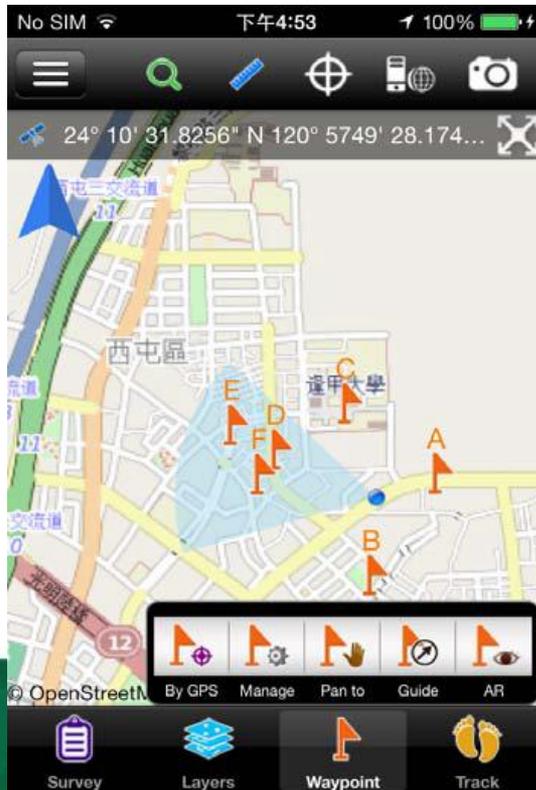
- **Ways to your destination**

- Adding **waypoints** on your screen
 - ✓ Manually tapping
 - ✓ Add by GPS automatically
 - ✓ Import waypoints from files
- Pan to the specific waypoint
- Waypoint guidance
- Augmented Reality (AR)



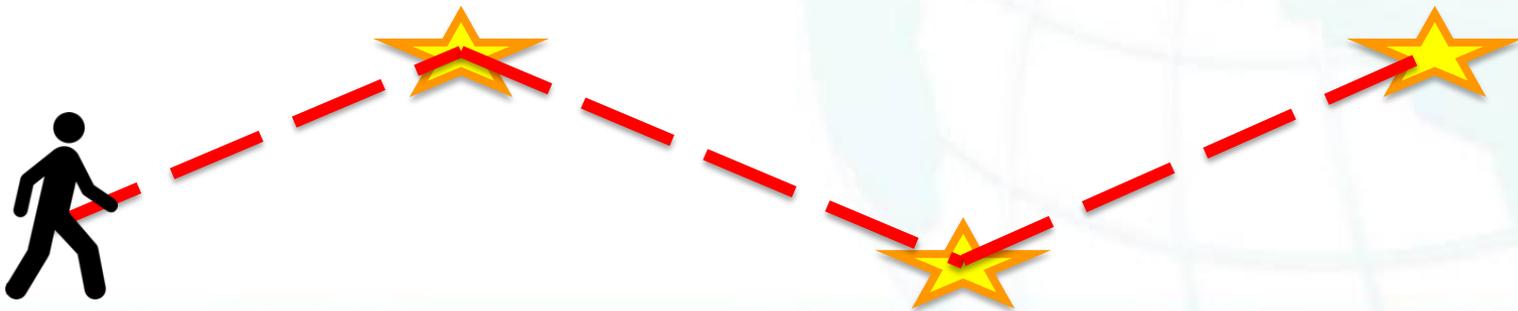
#02 Spatial Guiding

- **Activate Augmented Reality (AR) in Camera**
 - Waypoints within 1000 meters from your position will show up as tags, allowing you to vividly observe points of interests



#03 Record your Track log

- **Track recording for your report**
 - Track Recording function
 - Record the track of GPS and save as point layer (*.kml) and line layer (*.shp)
 - The file could be found in the Track folder within the project folder

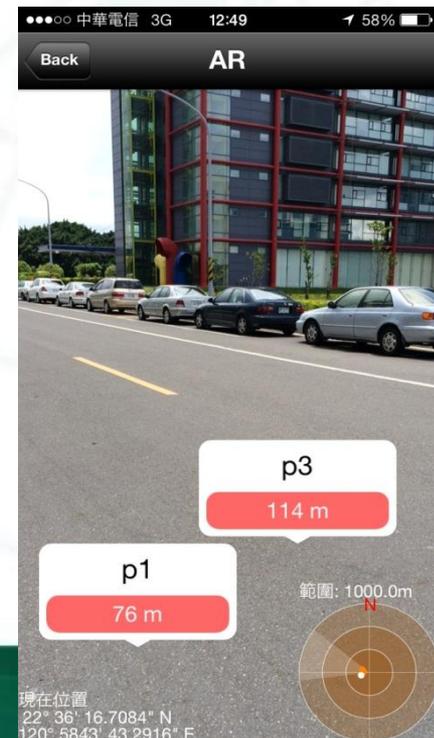
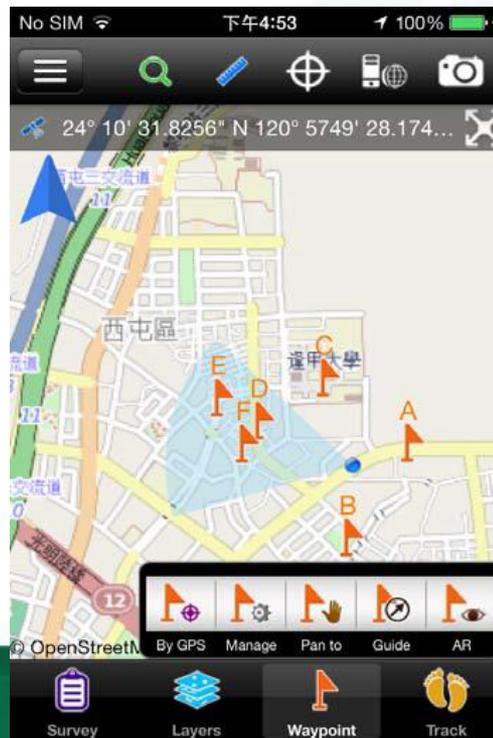
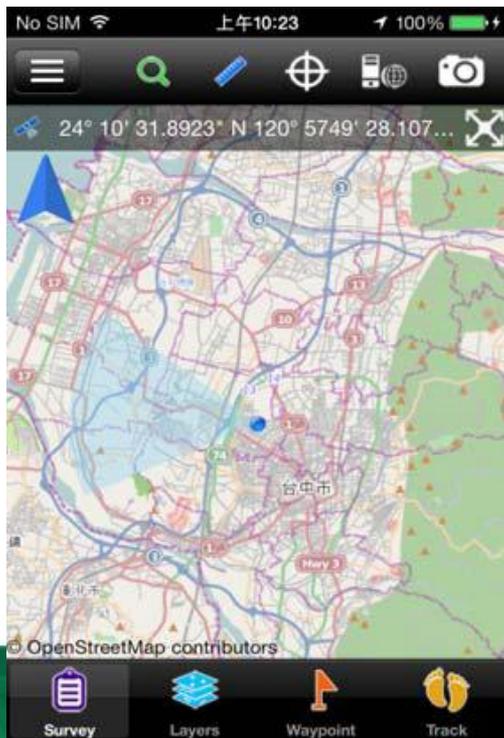


Demonstration



Reviews #2

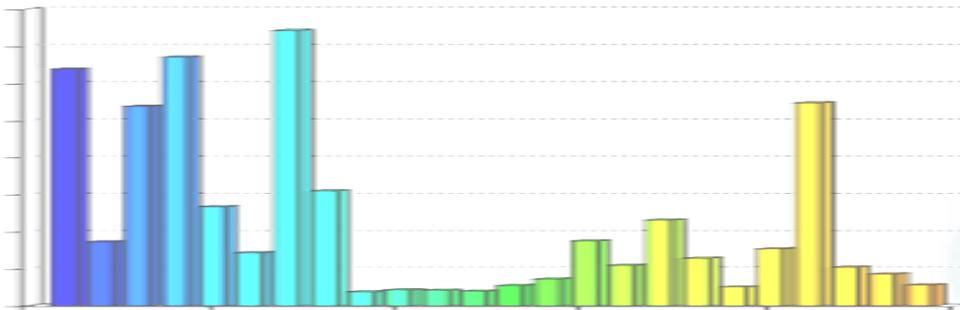
- Online Map for easy survey
- Spatial guiding for direction and distance
- Tracklog and photo collection with GPS device



2 editions to fit your needs:

	SuperSurv 	SuperSurv M3 
Vector data (GEO, SHP) support	x	x
Offline data display and edit	x	x
GPS and e-compass	x	x
GPS track record (KML, SHP)	x	x
Length, area, and feature measurement	x	x
Global coordinate system support	x	x
Waypoint management	x	x
OpenStreetMap as basemap	x	x
Identify and attribute Query	x	x
Display SuperGIS Server map service	x	
Edit and synchronize SuperGIS Server service	x	

- **Free trial** of both SuperSurv and SuperSurv M3 is available on App Store, Google play and Supergeo website.
- **Full-function: 7 days**



BREAKTIME: QUICK POLL



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<http://www.youtube.com/user/supergeotv>

How to get SuperSurv

- iOS users:



App Store

Apple Store Mac iPod iPhone iPad iTunes Support

iTunes Preview

Overview Features iTunes Charts

SuperSurv M3

By Supergeo

Open iTunes to buy and download apps.

[View More by This Developer](#)



Description

SuperSurv M3 is the spatial data collection App developed by Supergeo Technologies Inc. Supergeo Technologies Inc. is a leading global provider of GIS software and solutions. Since the establishment, Supergeo has dedicated to providing state-of-the-art geospatial technologies and comprehensive services for customers around the world.

[SuperSurv M3 Support](#) [...More](#)

Screenshots

iPhone | iPad




[View In iTunes](#)

+ This app is designed for both iPhone and iPad.

\$99.99

Category: [Productivity](#)
 Released: Apr 08, 2014
 Version: 3.2.002
 Size: 7.4 MB
 Languages: English, Traditional Chinese
 Seller: SuperGeo Technologies Inc.
 © Supergeo Technologies Inc.
 Rated 4+

Compatibility: Requires iOS 6.1 or later. Compatible with iPhone, iPad, and iPod touch. This app is optimized for iPhone 5.

Customer Ratings

We have not received enough ratings to display an average for

By GPS Manage Pan to Guide AR

How to get SuperSurv

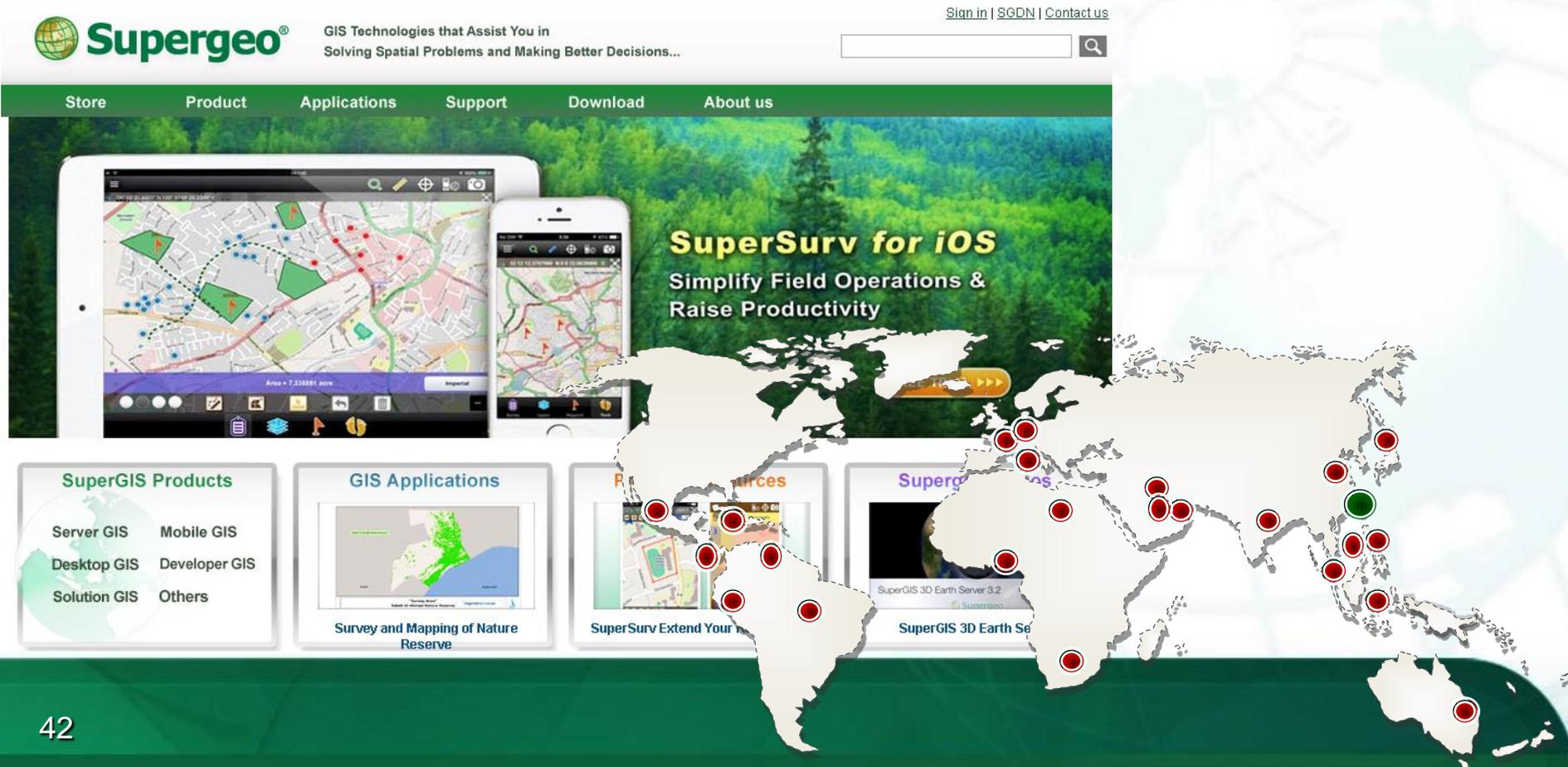
- Android users:



How to get SuperSurv

- Android users: www.supergeotek.com;

Supergeo worldwide resellers



The screenshot shows the Supergeo website homepage. At the top left is the Supergeo logo and the tagline "GIS Technologies that Assist You in Solving Spatial Problems and Making Better Decisions...". To the right are links for "Sign in | SODN | Contact us" and a search bar. A green navigation bar contains links for "Store", "Product", "Applications", "Support", "Download", and "About us". The main banner features a tablet and smartphone displaying the SuperSurv application interface, with the text "SuperSurv for iOS" and "Simplify Field Operations & Raise Productivity". Below the banner are four product categories: "SuperGIS Products" (Server GIS, Mobile GIS, Desktop GIS, Developer GIS, Solution GIS, Others), "GIS Applications" (Survey and Mapping of Nature Reserve), "Resources" (SuperSurv Extend Your...), and "Supergeo Solutions" (SuperGIS 3D Earth Server 3.2, SuperGIS 3D Earth Se...). A world map overlay is positioned in the lower right, with red circular markers indicating reseller locations across various continents, including North America, South America, Europe, Africa, Asia, and Australia.

SuperSurv Promotion

Exclusive Info for Supergeo Webinar Attendees:

- **SuperSurv: \$199**
- **SuperSurv M3: \$ 99**

Flash sale

- **SuperSurv M3 from \$ 99 → \$49**
- **Only till June 30th, 2014!**

Just search **SuperSurv** on the App Store or Google Play!



Thank you for your attention.

SuperGIS Products

Server GIS

- SuperGIS Server
- SuperGIS 3D Earth Server
- SuperGIS Network Server
- SuperWebGIS

Cloud GIS

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

Desktop GIS

- SuperGIS Desktop
- Spatial
- 3D
- Network
- CCTS (TW only)
- Spatial Statistical
- Biodiversity
- Topology

Mobile GIS



- SuperGIS Mobile Engine
- SuperPad
- SuperField
- SuperSurv (Android/iOS)
- SuperVeyor (Hardware bundle)

Solution



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

Developer GIS



SuperGIS Engine

- Network
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- Spatial Statistical

SuperNetObjects

- Spatial
- 3D

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Exhibitions

- June 17-20, XXV FIG International Congress, KL, Malaysia

Booth #36

