SPACE

Desktop Geographic Information System
plan . visualize . act

Introduction

SPACE is a simple yet powerful application designed to let you plan and analyze like never before. You can import and analyze data and receive results in the form of graphical maps.

SPACE comes fully pre-installed with interactive maps, points of interests and zone layers.

SPACE has allowed many companies to improve the visualization of operations and improved decision making particularly in the Branch Planning, Market Analysis and Security sectors.
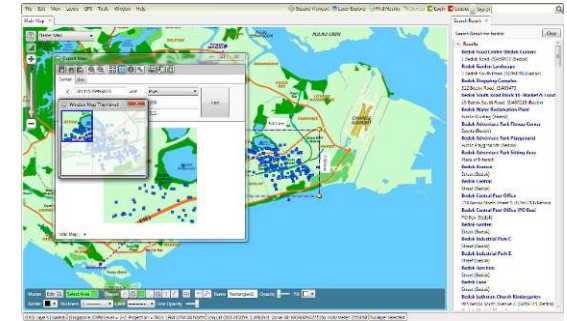
How SPACE is use

SPACE has provided clienteles a tool to easily plan and analyze:-

- Internal analysis and demarcation of sales territories performance by geographical boundary.
- Competitor analysis and comparison of sales through customized thematic analysis feature.
- Analysis of customer demographic through SD extensive details of commercial / residential datasets.
- Analysis of voluminous data from a geographic perspective to detect trends and outliers via simple import function.
- Manage and distribute current resources with the use of **SPACE** as an effective location visualization tool.
- Pre-operational / resources planning and route simulation.

Main Features

Search and Navigation
- Location search by address, postal code and building names.
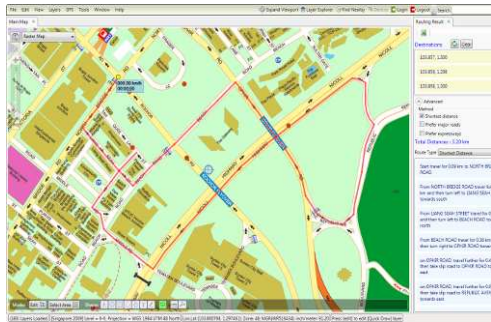- Print and export map.

Drawing
- Marking of hotspots in a specific area and allowing users to draw self-defined geographical zones.
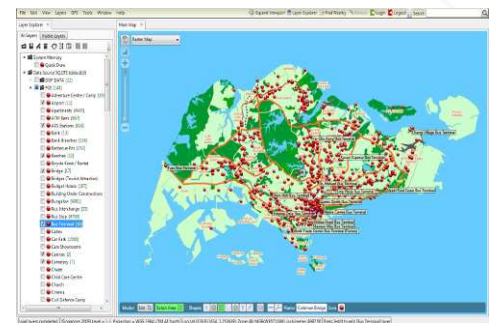
Route Planning

- Routing abilities based on shortest distance, preferred expressway or major road based on the start and end point input.
- Distance calculated is based on actual routes as opposed to linear distances.
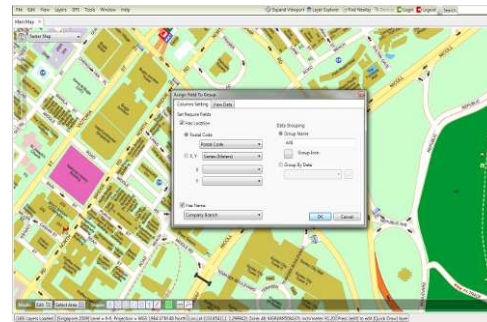- Save and animate generated routes for simulation.

Layering

- Creation of custom folder and layer.
- Ability to view multiple selected data layers and define hierarchical structures.
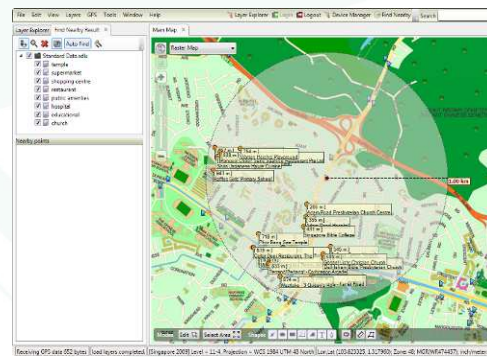- 20 customizable data fields for user input.

Data Import

- Ease of importing point data seamlessly with Postal Code or Address Points database via commonly used formats (MS Excel, MS Access and .CSV) with Postal code system or address points database.
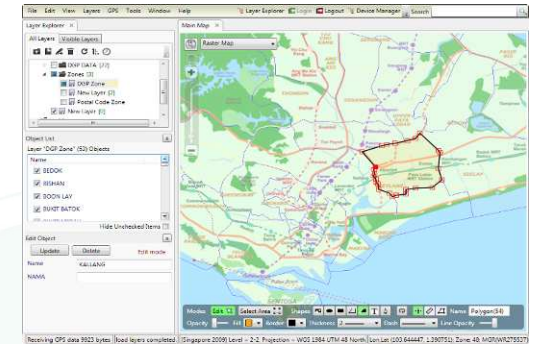- Powerful grouping and filtering activities.

Spatial / Area Analysis

- Search for records based on specified data layers within defined geographical boundary.
- Generate and export list of records to MS Excel.
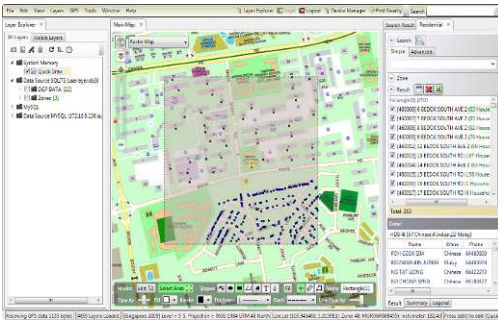

Zoning

- Creation of new customized zones or use preloaded zones.
- Adding of Sub-Zones by using the drawing tools to provide for more detailed analysis.
- Allows data based on specified zone (eg. Number of branches in Jurong West).
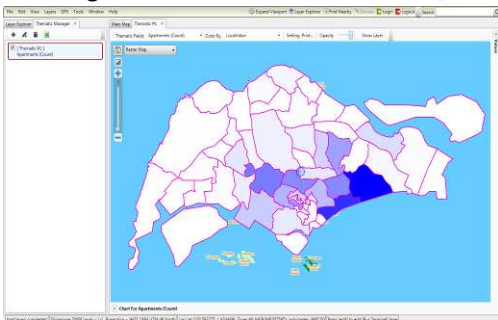- 20 customizable data fields for user input.

Demographic Analysis

- **SPACE** can be incorporated with demographic database (based on Singapore Census data) defined in DGP zones such as:-

  a) zone population.
  b) number of low, medium and high density housing units.
  c) employment status.
  d) estimated monthly income.
  e) housing types.

Thematic Analysis

- Representation of different attributes and statistical information through maps, diagrams and charts.

System Requirements

The recommended hardware specifications to operate **SPACE** is as follow:

- Computer with Core 2 Duo 2.0 Gigahertz (GHz) processor or higher.
- 2GB of RAM; other programs running simultaneously may require additional memory
- Hard disk space requirements will vary depending on configuration; custom installation choices may require more or less. Listed below are the minimum hard disk requirements for MapPoint:

  30GB of available hard disk space (1.02 gigabytes for data import).a
- Hard disk space requirements will vary depending on configuration; custom installation choices may require more or less. Listed below are the minimum hard disk requirements for MapPoint.
- CD-ROM drive
- Super VGA (800 x 600) or higher resolution monitor with 256 colors
- Dedicated video memory of 512MB
- Client who requires Client_Server based environment setup is also available.

Customer References

Streetdirectory (SD) is a technology firm that focuses on developing location-based software and solutions. Established in 2008 and managed by the same team of personnel who operates www.streetdirectory.com, the company has acquired specialized skills in the area of Digital Map Imaging, Spatial Analysis and Wireless Navigation.

To meet the demands of different industries, SD manages a portfolio of 4 distinct service lines each leveraging on SD's core mapping capabilities. These range from online location based services to customized PC based GIS systems. Each service line has achieved a high level of customer traction and is complementary in nature. The firm also offers advertising opportunities at its widely popular portal Streetdirectory.com ™ in which we showcase our latest developments.

Having established a strong product offering in Singapore, SD actively replicates its marketing mix in the Asia Pacific region, adjusting itself where necessary. These markets offer significant growth potential and operations in these countries will be necessary in order to service our MNC customers based in Singapore.

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WEBLOCATE
online geographic
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SPACE
desktop geographic
information system

TRACE *m*
wireless applications

TRACE
workforce location
system