



## **SynergySoft Shipping Mapping Enquiry**

The intention of SynergySoft Mapping Enquiry is to create an integrated graphical interface for local government officers who need to service customer and internal enquiries – a single point of entry for all data. The tool uses an existing cadastral database (usually obtained from State Government) and links this to the SynergySoft data and other information that the Council may hold in various forms.

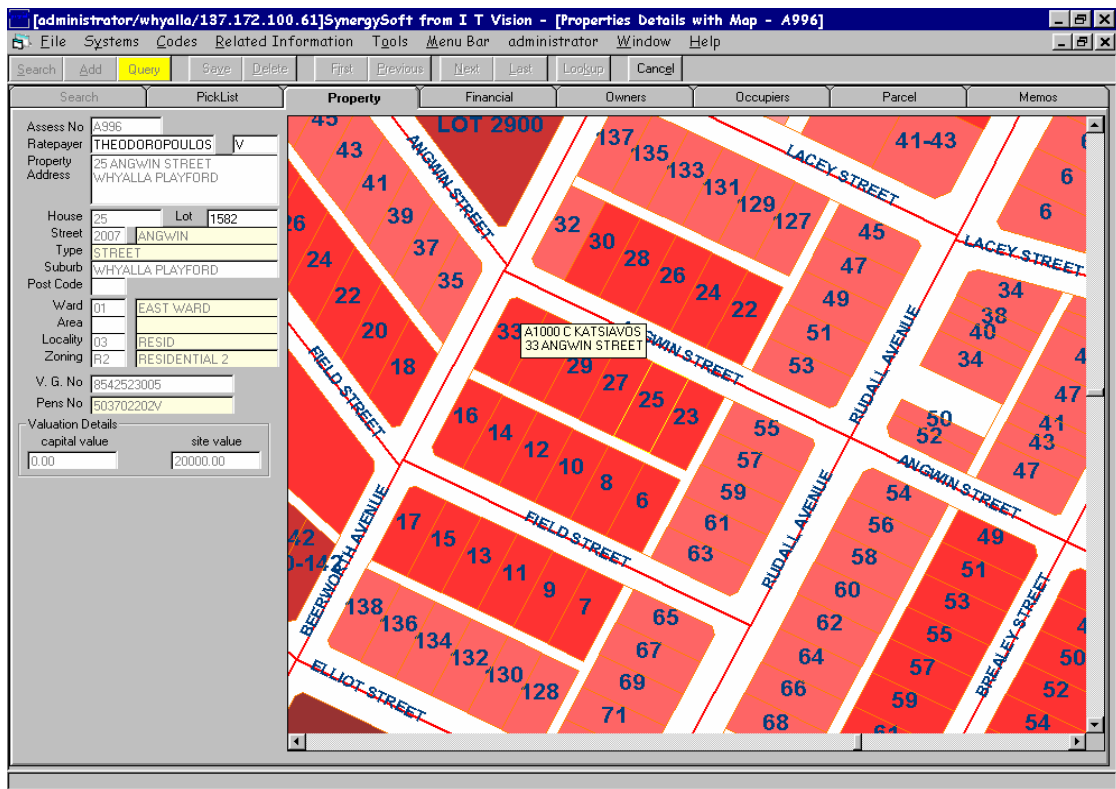
Mapping Enquiry provides a simple interface that offers the advantages of using a mapping perspective on the data without the difficulty associated with other more complicated mapping products. The authority does not have to have in depth GIS expertise, and yet maps and definitions are User definable.

Importantly, Mapping Enquiry looks at the data on-line and this provides us with the unique ability to allow the user, subject to permissions, to update the database information (for example, the Property information stored in the SynergySoft database) through the mapping interface. This provides a very comprehensible method of updating information.

In addition to providing an interface to all the information held within the SynergySoft database, the Mapping Enquiry system may be linked to additional Microsoft Access, or other, databases for the display of data through the mapping interface. Most Local Authorities have many such databases (from pits and pipes to endangered flora).

The authority can tailor the maps so that various themes are available, and can turn them on or off as desired by different departments and users, thus allowing users to set or reset the maps to display relevant information.

For simplicity, IT Vision currently provides four standard Mapping Screens designed for separate parts of the organisation – Property (General), Rangers, Building, and Planning. These views provide a single solution for the Local Authority that makes access to data easy and enjoyable.



Some of the functionality of the Mapping Enquiry application includes:

- Ability to pan and zoom through multiple map layers
- Display of a wide variety of image formats, such as scanned copies of building plans
- Display and query of shape files
- Incorporation of aerial photography, in a single layer
- Value maps, classification maps, and graduated symbol maps can be created (eg. hard copies to answer customer inquiries)
- Select features using an expression – (eg create a pick list of all assessments with zone code R80)
- Select features using the mouse - eg select an assessment and display the dogs information.

This is an exciting new technology that significantly aids productivity, especially for Local Government officers that have to frequently answer queries and provide information. The number of questions that can be answered through the SynergySoft Mapping Enquiry module is only limited by our imagination. IT Vision is convinced that this technology will become more pervasive and will soon be used for much of the maintenance and upkeep of the Property information held by the authority.

Some of the time saving that can be achieved with SynergySoft Mapping Enquiry:

- Letters can be sent to properties chosen by a spacial selection literally “at the press of a button”. Multiple properties can be selected by drawing a circle, polygon (or whatever), a standard letter or template is selected, and the letters will automatically be produced with the correct merged details typically in less than a minute. This can save an authority many, many hours of work.

- Queries can be answered much more quickly:
  - Who owns the property behind me?
  - How many doberman dogs are there in a radius of 300m of x?
  - Show me all the properties that have more than two animals
  - Let me see, graphically, where all the swimming pools are in a Ward (by an overlay of aerial photography)
  - Show me all the properties by GRV valuation groups
  - What is the radius of the pipe at the end of my property?
  - And many, many more.
- Data can be easily checked. For example it is very easy to pick up UV in a GRV area when the properties are depicted by different colours.
- Information can be found for a property by a wide variety of criteria (anything from dogs names to building applications numbers) and every piece of information and data related to that property will be accessed and available to view. **A single portal to all information.**

***For further information please contact:***

***Martin Bull***  
***Perth Office***  
*Tel: 08 9315 7000*  
*Fax: 08 9315 7088*  
***martin.bull@itvision.com.au***

***Sebastian Sapiro***  
***Adelaide Office***  
*Tel : 08 8354 3366*  
*Fax : 08 8354 3366*  
***sab.sapiro@itvision.com.au***