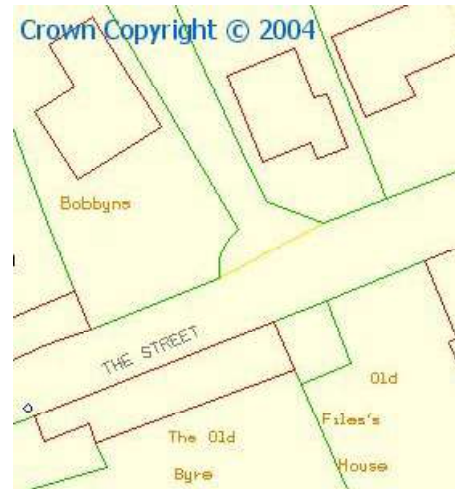


The devil is in the detail

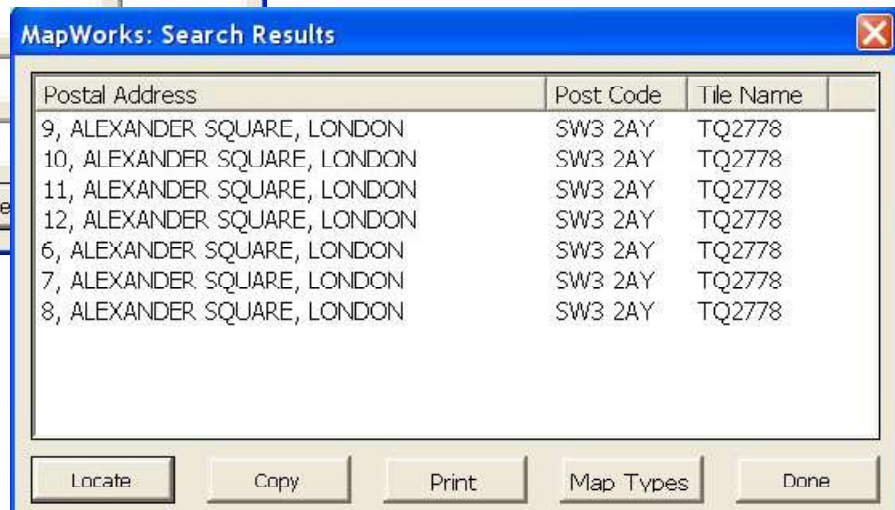
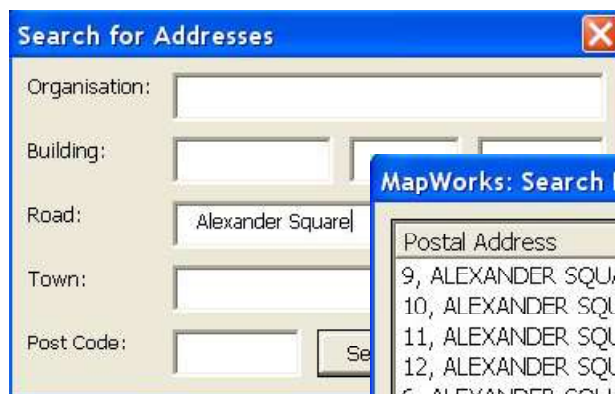
- Map Manager
- Gazetteer
- Simple to use
- Low cost
- Uses existing GIS data
- PlotComposer™ plot composition

MapWorks is a simple, low-cost utility that enables Bentley Systems customers to extend the scope of your existing Geographic Information System (GIS) data. It builds on a GIS project database that incorporates cartographic maps and Address-Point™ or MasterMap™ Address layer data from the Ordnance Survey of Great Britain. Suitable clients include Bentley Redline, PowerDraft, or MicroStation.



map, then MapWorks displays an address dialog filled with the postal address of that location.

MapWorks provides automatic map-management. By using the information already available in the GIS project database, it loads a set of maps that surround a point of interest. Maps are attached as reference files and are therefore read-only, so a user can not inadvertently modify a map.



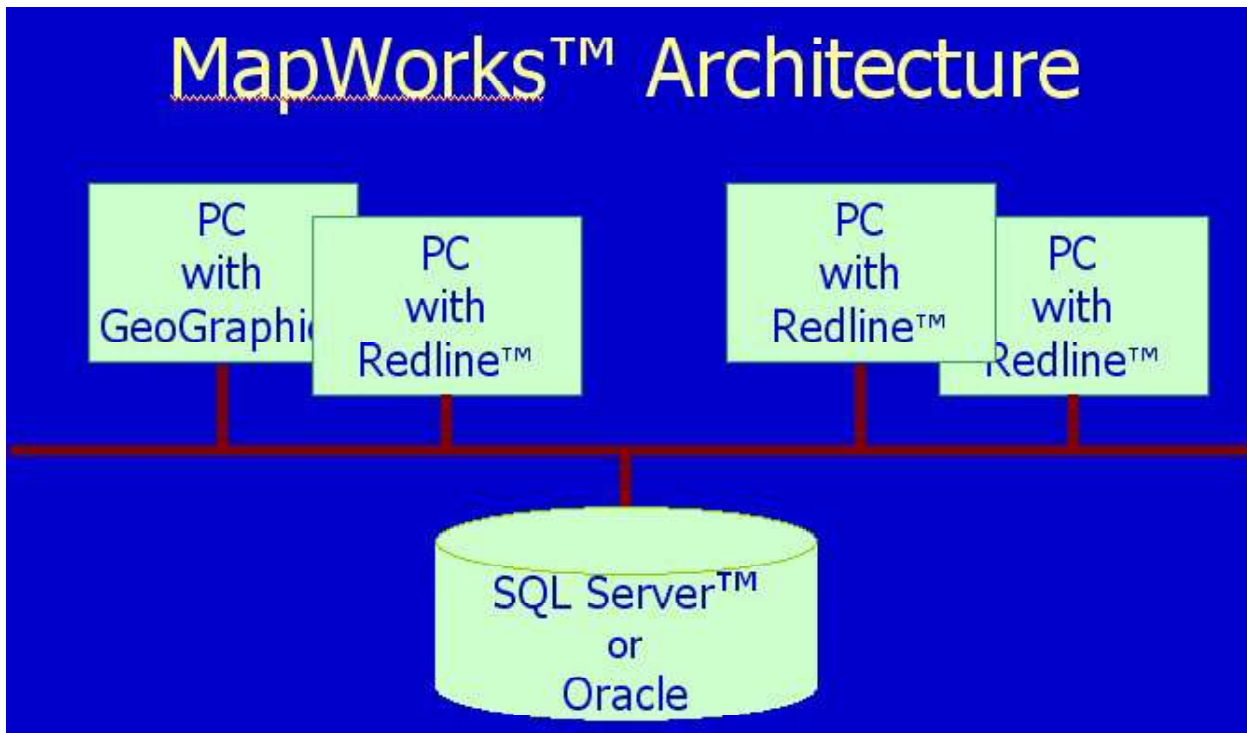
MapWorks is an address gazetteer. It lets a user enter a complete or partial address. Then, it finds addresses that match the search criteria and presents them in a *Search Results* dialog. When the user presses the *Locate* button, or double-clicks the address, it loads the set of maps around the point of interest.

MapWorks also provides an *address query* function. The user locates an address symbol on a

## Administration

As well as its simplicity from a user's point of view, MapWorks is also simple to administrate. Its predicate is a GeoGraphics database. The data-

The devil is in the detail



base uses Access™, SQL Server™, or Oracle™ Enterprise Server to store address and map data. It is populated with Address-Point™ or MasterMap™ Address data and the corresponding cartographic and address maps. Your organisation is probably committed already to maintaining the GIS project data set, and MapWorks requires nothing extra to be added to the database. MapWorks' functionality is provided by a Windows DLL and a MicroStation Visual Basic for Application (VBA) project delivered to an appropriate directory. The VBA folder may be shared by multiple Bentley products.

The Bentley client is Bentley Redline, MicroStation, or PowerDraft version 8 or later. The simplest client is Bentley Redline in its view-only mode; a more sophisticated client, such as MicroStation, may offer richer functionality. Each client requires network access to the GeoGraphics project database and map files: the connection is imple-

mented by the MapWorks DLL using standard Microsoft data access technology.

### Plot Composition

MapWorks includes the PlotComposer™ VBA module. PlotComposer provides a simple way to place a drawing border, clip your maps to a neat-line, and queue the composed map to a printer.

### Training

Because it is so simple to use, MapWorks requires little training. The simplest client, Bentley Redline in view-only mode, presents a minimalist user interface, where most staff will be able to pick up the ability to pan and zoom in a view window.

Since MapWorks does all the work of attaching maps (as reference files), the user doesn't even have to use the *File* menu.

For more information, contact your preferred supplier or LA Solutions  
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