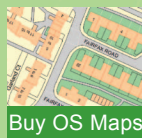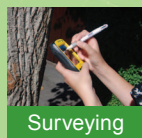# Tree Management Software

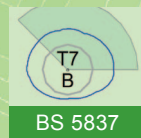| Buy OS Maps | Surveying | Mapping | Management | BS 5837 | Reports |

Pear Technology provide a complete range of software and hardware to meet the needs of all arboricultural professionals - consultants, contractors, land owners and tree officers. A modular design lets users minimise costs by selecting only what is required.

An open design ensures that Pear systems can interface with CAD and all mainstream GIS, so data transfer between systems is easy.

Design emphasis has been on making the system as straightforward to use as possible, so specialist

IT or CAD skills are not required. Pricing is set to make the modules accessible to all and help you stay within budget.

Using Pear Technology software enables you to:

» Record tree survey information onsite quickly and consistently.

» Save time in the office by eliminating the need to type up notes.

» Efficiently produce professional looking plans and reports.

Software for Arboricultural Consultants, Surveyors and Managers

Main Features

» Complete package, meaning that you don't need to buy a separate CAD or mapping program.

» Easy to use map editing software.

» Can be used with Ordnance Survey maps, topographical CAD (DXF) drawings, aerial imagery and most common GIS data formats.

» BS 5837:2012 compliant surveys and reports.

» Fast and efficient data capture and survey templates that you can easily modify.

» Full management module available that produces reports for priority lists, work planning, work completed,

tree assessments.

» Reliable technical support available via email, telephone and remote assistance software.

» Buy software, handheld GPS devices, Ordnance Survey maps, support and training from a single supplier.

» Competitively priced.

Products

PT-Mapper Pro

» A versatile map editor which works with Ordnance Survey maps, topographical CAD (DXF) drawings, aerial imagery and most common GIS data formats.

» Complete flexibility to customise the appearance of plans, add layers and title boxes.

» Finished plans can be printed to scale on any paper size or exported to CAD or GIS formats for straightforward data exchange.
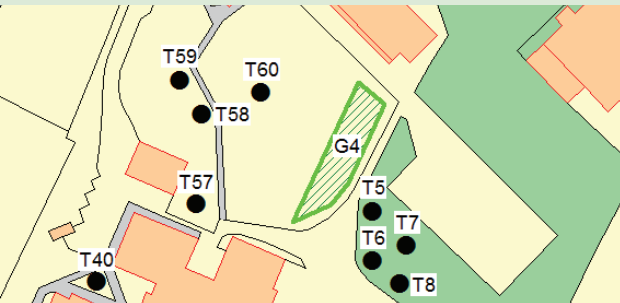
Two survey templates are provided:

General Tree Management

» The general tree survey and BS5837 survey both record the same basic tree attributes — species, genus, botanical name, easting and northing coordinates, maturity, height, spread, stem diameter, number of stems, inspection date, condition comments, work/recommendations, next inspection date.

» Includes a set of pre-defined condition/observations for the root, stem, branch, leaf/bud make it quick to complete surveys. Additional notes can also be entered.

» QTRA score can be added.

» Detailed work item lists.

Need a different survey?
Templates are fully customisable

Tree Groups and Woodland — Areas can be plotted and shown on the map.

» Plots tree survey data.

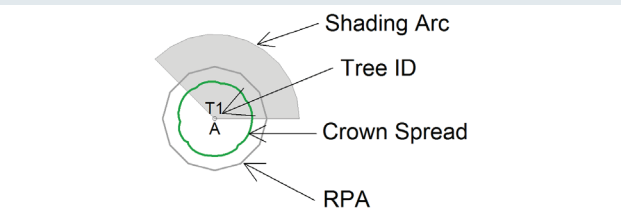» Links to PocketGIS so that maps and surveys can be transferred to a mobile device.

PocketGIS

» Can be installed on to Windows Mobile handheld devices or Windows tablet PCs.

» Connects to GPS receivers.

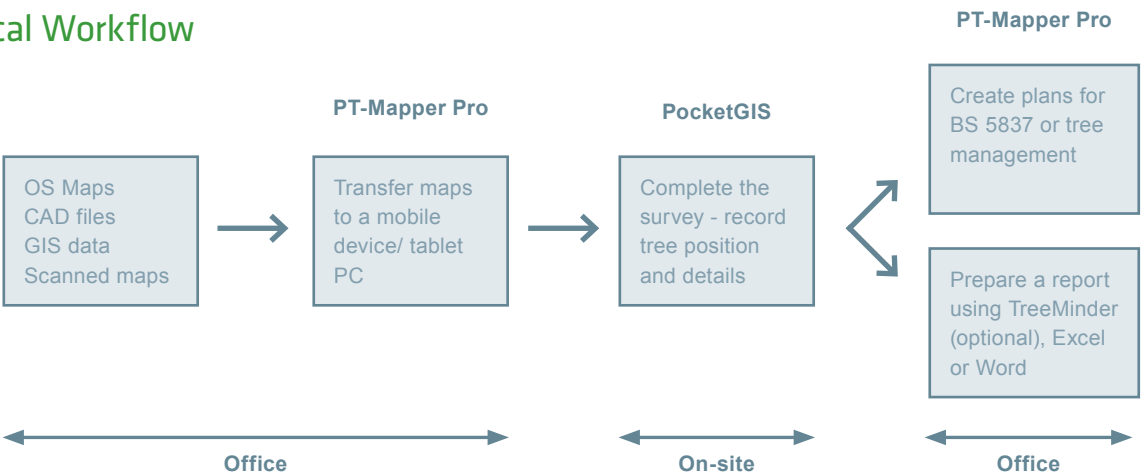» Allows tree position to be plotted and survey information to be inputted quickly.

BS 5837:2012

» BS 5837 surveys include the same basic attributes as the general survey plus:

» Height and direction of first significant branch.

» Canopy height.

» Crown spread N,E,S,W.

» Stem diameter for single and multi-stem trees.

» Retention category.

» Estimated remaining contribution.

» Structure/Form.

» Physiological condition.

» Root protection area calculated and plotted on to maps

» Compliant reports (available with TreeMinder).

Download a free trial from
www.peartechnology.co.uk

Plotting the results of a BS 5837 survey couldn't be easier. When the data has been uploaded from a handheld device it can be imported into PT-Mapper Pro which will automatically plot the crown spread to the 4 cardinal points, the root protection area and a basic shading arc. The RPA can easily be modified in cases where root development has been restricted.
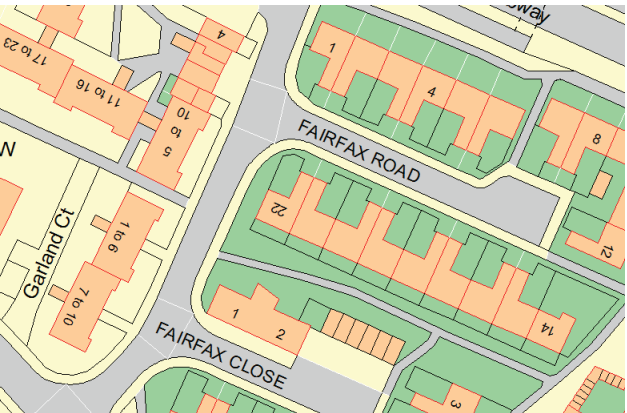

Typical Workflow

PT-Mapper Pro

PocketGIS

PT-Mapper Pro

| OS Maps CAD files GIS data Scanned maps | → | Transfer maps to a mobile device/ tablet PC | → | Complete the survey - record tree position and details |

Create plans for BS 5837 or tree management

Prepare a report using TreeMinder (optional), Excel or Word

Office ←→ **On-site** ←→ **Office**

Optional Products

TreeMinder: Tree management database.
MapLink: Link trees, or any other map feature to records in Excel, Access or Microsoft SQL Server. Links can also be made to Word documents, PDF files and images. Use for selective reports, locating specific trees and highlighting problems.
Map Supply: We can supply Ordnance Survey map data for any site in Great Britain, the price of the mapping varies according to the area supplied. Please contact us if you would like to receive a quotation.

Testimonials

"We have been using Pear Technology's mapping and tree management software for over 3 years now. We are very pleased with the software that we use. Their customer support and service is second to none."

Phil Newson, P R Newson Ltd.

"Needless to say PT-Mapper Pro is a very user-friendly system to use. RPAs (including multi-stems) and crown spreads can be easily plotted; title boxes can be quickly added along with layers for ground protection, tree protection fencing or construction exclusion zones. Plans can then be printed or exported back to clients.

All in all PT-Mapper Pro is a great product with sound back-up from the technical staff."

Russell Ball, Director, Arbol EuroConsulting Ltd.

"Pear Technology's software has proven itself invaluable, I don't know how I managed without it. It's easy to use, speeds up data capture, has a diverse range of uses and improves overall efficiency.

Pear Technology provide exceptional customer service and I have no hesitation in recommending them. One of the best companies I have ever worked with."

Bruce Hatton, Director and Principal Consultant, BHA Trees Ltd.

FAQ

Q. Can surveys be customised?

A. Yes, a survey design tool is provided that lets you create your own surveys. Existing attributes can be modified or new ones added. Survey items can take the form of text boxes, pick lists, radio buttons or image capture. Note – customised surveys cannot be used in conjunction with TreeMinder (see next page).

Q. Can I include my company logo on a plan?

A. It can be imported and added to the title box along with other business information. Once it is set up the title box can be saved and reused on other plans

Q. Can I import a CAD file?

A. Yes, an architect can easily save their drawings as a DXF (Drawing Exchange Format) file which can be imported into PT-Mapper Pro.

TreeMinder

TreeMinder is a database that lets you record quickly and easily the results of general tree management surveys and arboricultural surveys that need to comply with BS 5837:2012. The program can work with handheld or tablet PC's for mobile data capture and GPS plotting. It is straightforward to use and produces professional-looking reports for your clients, plus work plans and status against those plans.

Used in conjunction with Pear's mobile data capture equipment, survey results can be transferred into TreeMinder in seconds, with client reports available immediately. By avoiding the need to type up reports, huge productivity gains can be achieved.

TreeMinder is designed for arboricultural consultants who are looking to reduce the time spent in the office writing up reports. It is also a powerful tool for anyone else with large tree stocks to manage.

Training & Support

Training

Our aim is to supply products that require minimal instruction, even for non-specialists. However, digital mapping does require some background knowledge. We offer to provide training that is tailored to your needs and carried out either onsite or at our premises.

Support

We have a reputation for friendly and accessible support. With all our products, we offer optional technical support, which means that we are only a standard rate phone call away. You will also receive software updates.

About Us

Pear Technology have been suppliers of mapping and GIS software and services for over 17 years in the land and asset management sectors, especially in the farming and rural estate industries. Recognising that most users are not IT-experts, the focus has always been on supplying software that is straightforward to use whilst still offering excellent functionality and backed up by a professional technical support service.

Further information

If you have any questions about our software please contact us on **023 9249 9689** or email **info@peartechnology.co.uk**

Partner

Pear Technology Services Ltd.

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pear technology