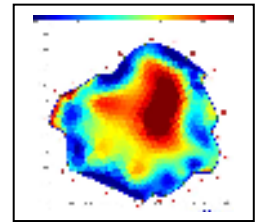


**CrackDect shown on  
PiCUS Tomogram Scan**

**UPDATE OF SPECIALIST SERVICES AVAILABLE**

**PiCUS TreeTronic**

**PiCUS Tomograph**



**TreeTronic Scan**






Introducing the **PiCUS TreeTronic** - Electrical Impedance Tomogram (EIT) with **Q72 expert software**.

This system enhances our existing **PiCUS Sonic Tomography system** – The Sonic Tomogram (SoT).

**In combination these systems provide a greater level of understanding of a trees internal condition; assessing both wood quality and chemical composition.**

(There are PDF's on our website with more details.)

**Summary of available applications and advances of the latest PiCUS software.**

-  CrackDect software      Star Cracks and Ring Cracks can be analysed to allow a better understanding of decay patterns.
-  PiCUS Q72 Expert Software      Allows 3D Imagery, excellent as a visual aid.
-  Tree Stability Assessment      Calculations overlaid to provide remaining wall thickness.\*
-  Roots      PiCUS can be used to find if a root has been 'cut off' or which tree a root belongs to, ideal for some subsidence cases.
-  Multiple Stems      Assessment now refined to account for the effects of included bark.

Barnes & Associates have extensive knowledge in the use of the PiCUS software equipment utilising the PiCUS Calliper and the Electronic hammer, enabling larger trees to be assessed more accurately.

Technical interpretation of the scans is part of our comprehensive package of arboricultural surveys and investigations, for more details visit our website a brief summary is enclosed for your reference.

We provide further assessments and second opinions for many Local Authorities, Tree Consultants, Tree Surgeons and Tree Owners alike, providing detailed information to help in difficult management decisions, often enabling trees with significant faults to be retained safely.

**To discuss your requirements contact Ian Barnes on 01423 322371  
or by e-mail [ian@barnesassociates.co.uk](mailto:ian@barnesassociates.co.uk)**

\*Tree Safety Assessment (**TreeSA**) is based upon the publications of Dr.L.Wessolly and Martin Erbin "Handbuch der Baumstatik" (Patzerverlag). Please contact Ian Barnes for further technical details.



**[Summary of services more information on our website](#)**

**[www.barnesassociates.co.uk](http://www.barnesassociates.co.uk)**



**General Tree Assessment**

Individual tree reports, inventories & mapping, population assessment & management plans, estate and facilities management.



**Risk Assessments using QTRA\***

Quantified Tree Risk Assessment licensee, ideal for land agents and facility managers to identify potential liabilities and prioritise work.



**Insurance and Mortgage Reports**

Subsidence risk reports for property owners often required during house purchase.



**Tree Decay Assessment**

Tree decay detection scanning using modern methods and equipment; Picus Tomography (SoT), TreeTronic (EIT), and Tree Thermography, which provides rapid assessment of tree physiology and provides a documented visual account.



**Tree Stability Assessments**

Allows a better understanding of a trees safety limits, enabling retention of trees once considered as unsafe.



**Veteran Tree Management**

Specialist surveys and work specifications to manage these historic 'monuments'.



**Development sites**

Pre-development site tree surveys BS5837:2005, implication assessments, method statements, tree protection plans, AutoCAD drawings as standard, planning appeals, site monitoring.



**Landscape planting schemes**

Landscape planting plans, plant schedules, tree planting schemes.



**Legal Advice**

TPO appeals and reviews, high hedges and boundary trees, tree valuation using CTLA & Helliwell System, expert witness trained.

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