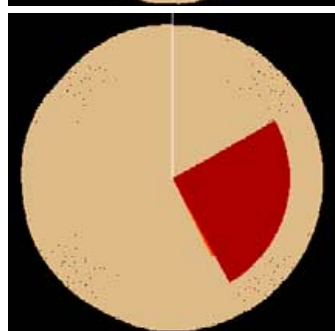
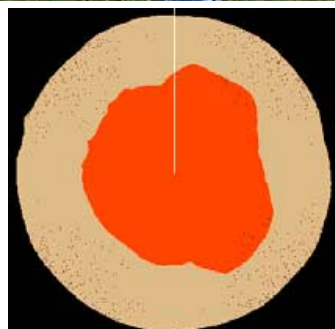


TRU™ (Tree Radar Unit) Non-Invasive Inspection of Trunks and Roots

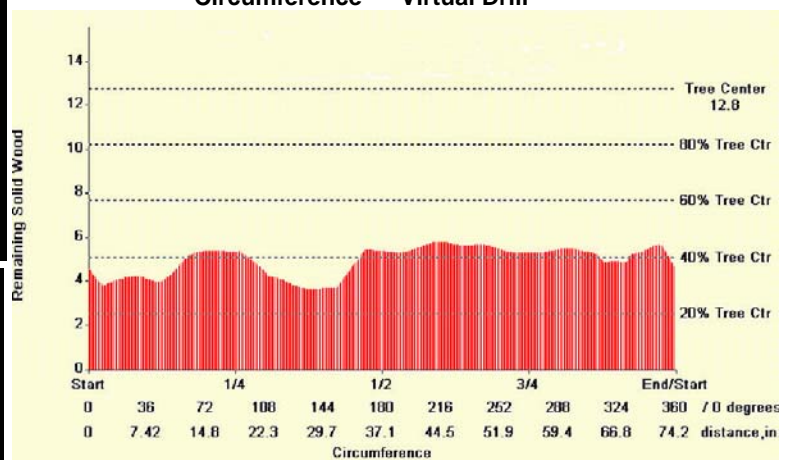
Trunk Inspection – "Virtual Drill"



- Rapid, non-Invasive Inspection
- Multi-Elevation circumferential scans and single point inspections possible
- Minimal Setup & Scan Times - Entire Multi-Elevation Trunk Scanned in 20 minutes
- Image of Predicted Internal Cross-Sectional View for each Elevation Scanned
- Plot of Remaining Solid Wood across Entire Circumference - "Virtual Drill"
- Detect Cavities and Decayed Wood
- "Single Shot" mode for low elevation scanning on Heavily Buttressed Trees.
- Professional Analysis Report



Plot of Remaining Solid Wood across Entire Circumference – "Virtual Drill"



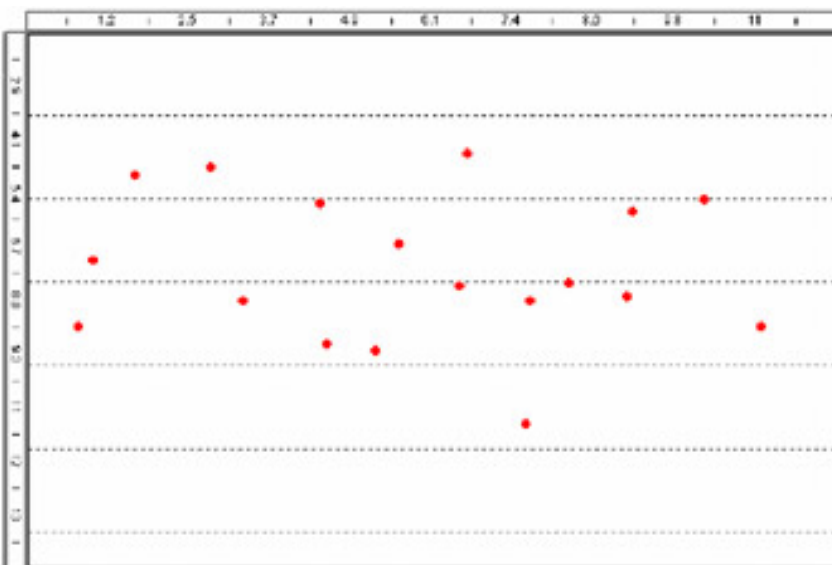
TRU™ (Tree Radar Unit)

Non-Invasive Inspection of Trunks and Roots

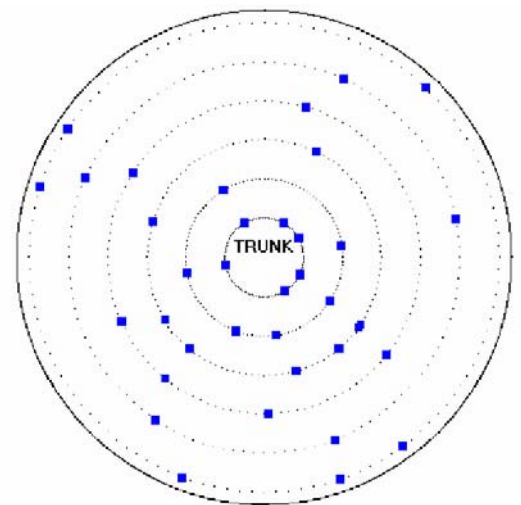
Root Inspection – "Virtual Excavator"



- Rapid, Non-Invasive Inspection of Subsurface Structural Roots
- Also detects buried pipes, cables, ducts, etc.
- Depth Penetration down to 1 Meter
- Minimal Setup & Scan Times – Typically 30 to 60 minutes for a Multi-Line Scan
- Scan either in Straight Lines Parallel to Tree or in Concentric Circular Lines around Tree
- Detection of Structural Roots as small as 0.5-inch (1.3-cm)
- Subsurface 2D image of Root Location and Depth for each Line Scanned – "Virtual Excavator"
- Top-Down 3D Image of Root Layout and Density
- Detect and Image Roots under Covered Soil such as Asphalt and Concrete
- Professional Analysis Report



Virtual Trench - 2D Planar Depth Image of Root Location (top scale, ft) and Depth (left scale, in) for One Scan Line



3D Top-Down Image of Root Layout and Density