

# TREETOP®

## DECISION SOFTWARE FOR THE NEXT GENERATION

### THE CHALLENGES OF MODERN DECISION MAKING

Today's decision makers have never been more challenged; as the speed of business accelerates, the ramifications of poor choices can be catastrophic. How then, can decision makers improve the quality of their decisions, mitigate their risks and be confident in the outcome? Through a structured workflow that can be learned and applied to all decision problems. Key to this solution is Quality Decision Making (QDM) techniques coupled with TreeTop, Decision Frameworks innovative decision tree application.

Decision Frameworks TreeTop application delivers a state-of-the-art, Xbox 360®, style graphics interface with a powerful calculation control system and the capability to manage external models, such as those built in Microsoft Excel®.

TreeTop is not a variation of existing decision tree technology but a complete re-think of decision software, designed to take advantage of next generation technical advancements and to incorporate Microsoft Excel as an add-in.

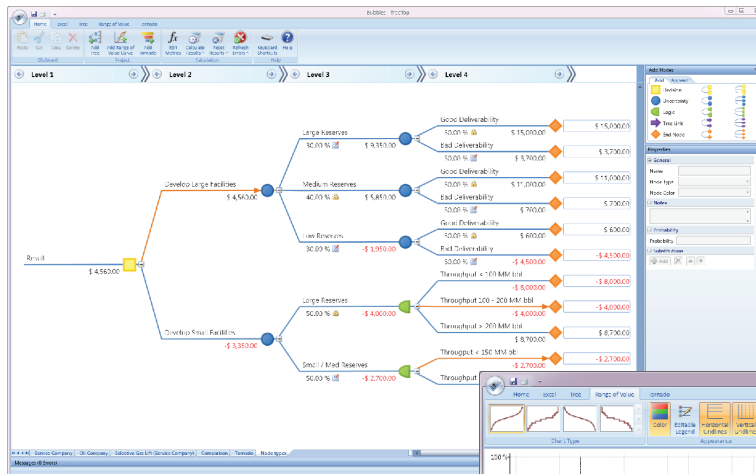


### System Requirements

Microsoft Windows® XP/Vista/7

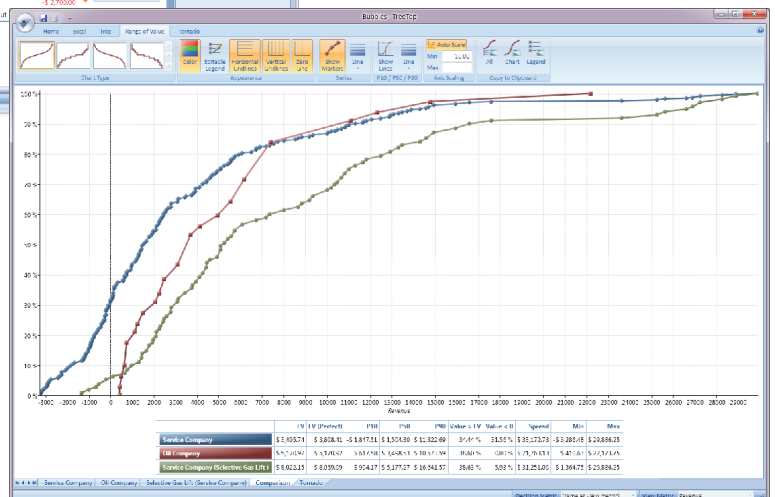
Microsoft Office® 2003/2007 and Excel® 2003/2007

Intel Pentium® 2.0+



Create decision trees with uncertainty and logic nodes

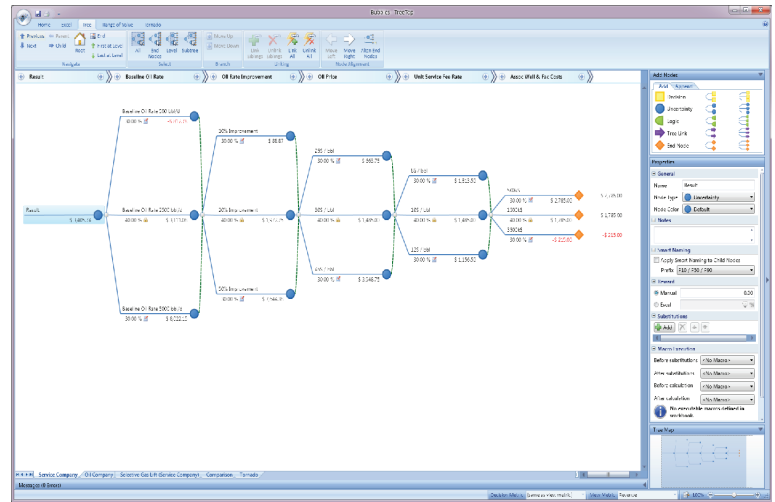
Scalable for facilitating day to day decisions rendered as simple trees, TreeTop offers the power to develop extensive trees with several hundred thousand end nodes – building decision trees from “scratch” or automatically generating them from Tornado diagrams.



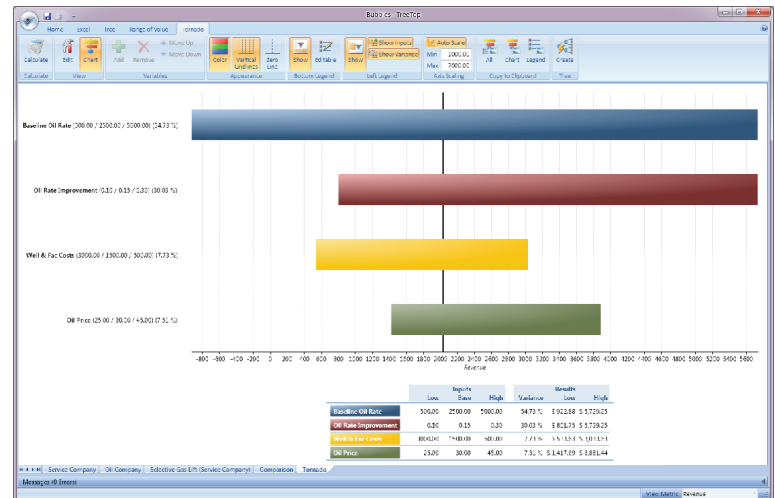
Easy to use trees with cumulative probability curves

## KEY FEATURES

- Create Tornado Diagrams with multiple interdependent variables
- Automatic Decision Tree generation from Tornado Diagrams
- Rapid Tree development with easy visualization of complex Trees
- Imbed logic nodes and/or Excel VBA® macros anywhere in the Tree structure
- Automatically show how optimal decision paths change with evaluation metrics
- Instantaneous re-calculation of only changed parts of the Tree
- Link Trees on multiple tabs
- Customize evaluation metrics
- Properly handle recalculated evaluation metrics (e.g. IRR, ROR, etc.)
- Handle hundreds of thousands of end nodes
- Build Range of Value Curves from any node in the Tree
- Compare Range of Value Curves across a variety of evaluation metrics



Reduce complex trees to simplify interpretation



Build your trees from tornados

## TECHNICAL NOTES

- TreeTop is optimized to work with Microsoft Office Excel 2003 and 2007, on the Windows XP, Windows Vista and Windows 7 platforms
- Technology includes:
  - .Net Framework 3.5
  - C# for core calculations, graphic libraries and user interface
  - Microsoft WPF (Windows Presentation Foundation)
  - Direct 3D Graphics Engine
- The graphics engine facilitates:
  - High speed rendering of expansive tree structures
  - Instantaneous zooming without visual degradation of performance
- The calculation control system facilitates:
  - Live calculations with instantaneous visual updates
  - Intelligent cache algorithm for values linked in from Excel cell references

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Decision Frameworks is a Microsoft ISV program partner.

## CONTACT INFORMATION

Sales @ DecisionFrameworks.com  
+1-713-647-9736