

DTRIO®

MAKING SOLID, TIMELY DECISIONS IS BUSINESS CRITICAL

"It isn't that they can't see the solution. It is that they can't see the problem." - G.K. Chesterton (1874-1936)

Critical to any company is its ability to evaluate information and to make quality decisions on a continuous and timely basis. Given the number of decisions made every day by technical teams and management, how does a company ensure continuity and quality at every level?

Many companies, having discovered that decision-making success is simplified by a practical workflow tool that can easily frame (set up) and analyze the impact of their choices, are turning to Decision Analysis (DA).



System Requirements

Microsoft Windows® 2000+

Microsoft Excel® 2000+

Intel Pentium® 2.0+

Strategy	Rate Increase Technology	Wells on Which to Apply the Technology	Technology Provider
<input checked="" type="checkbox"/> Whole Tamale <input type="checkbox"/> Eliminate strategy	Gas lift optimization	Current low rate wells (500 bbls/d)	Big Oil internal resources
<input checked="" type="checkbox"/> Go It Alone <input type="checkbox"/> Eliminate strategy	ESP optimization	Current medium rate wells (2500 bbls/d)	Big Services
<input checked="" type="checkbox"/> Selective Gas Lift <input type="checkbox"/> Eliminate strategy	Well stimulation	Current high rate wells (5000 bbls/d)	Other third party service company
<input type="checkbox"/> Eliminate strategy		All wells	

DTRio - Strategy Table

DTRio puts guard-rails on a proven decision process

DTRio is the productivity tool that supports the DA workflow from framing through practical sensitivity and uncertainty analysis. Born of a desire to make problem framing and DA easier to teach in workshops, DTRio has grown into a corporate, team-based, decision process tool.

The name DTRio is derived from the trio of decision types encountered in business: efficiency, information, and complex (or strategy) decision problems. Written in Microsoft VBA, the software works as an Excel Add-in. It guides the DA process by providing step-by-step templates and wizards to help individuals sort through myriad issues to reach consensus on the problem focus and to develop compelling strategies to consider and test problem boundaries. One of the secrets to DTRio is that it starts individuals and teams down the path to quality decision making by providing them with the appropriate decision templates.

"Nothing is more difficult, and therefore more precious, than to be able to decide" - Napoleon Bonaparte

D Trio starts with the necessary decision templates

D Trio installs with the following decision templates included:

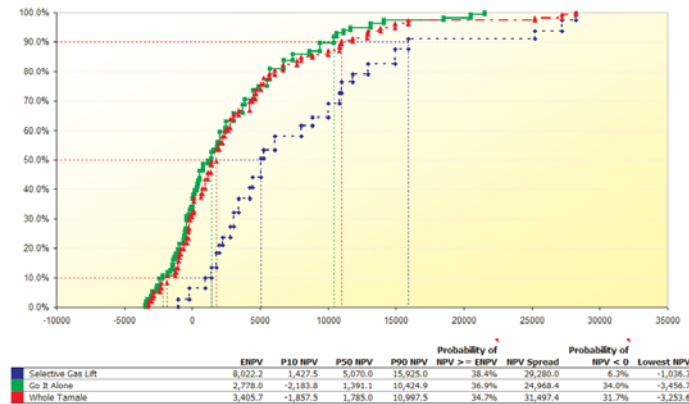
- DA Template: Frames strategy and efficiency problems.
- Scenario Strategy Template: Merges the DA framing and scenario planning workflow to describe uncertain futures and develop strategies to excel in them.
- Value-of-Information (VOI) Template: Frames and sensitizes the value of any information under consideration.
- Risk Factor Value-of-Information Template: Frames and evaluates information to progress exploration prospects or early pharmaceutical trials.
- Early Trial Design Template (Pharmaceutical-Specific): Frames and evaluates the cost-benefit of different early trials.
- Expert Interview Template: Guides experts both to the characterization of project risks and uncertainties and to the reliability of different information or early tests under consideration.



D Trio Wizards enable the practical analysis of choices

Once teams move to the analysis of their problem, D Trio uses these software wizards in conjunction with any Excel workbook:

- Sensitivity Wizard – For single-variable sensitivity analysis, which is specifically useful for information problems.
- Tornado Wizard – Helps teams to understand the impact of an unlimited number of variable uncertainty ranges.
- Tree from Tornado Wizard – Automatically creates uncertainty trees from tornadoes.
- Tree Wizard – Provides insight from the analysis of uncertainty trees of up to 5 levels (243 end nodes, or scenarios).
- Range of Value Wizard – Generates cumulative probability or exceedance curves for graphic representation and comparison of different strategies.
- Influence Diagram Wizard – Lays out the analysis model graphically for communication.



D Trio – Range of Value Curve Diagram

D Trio helps teams apply Decision Analysis every day

D Trio is installed with a Decision Analysis process guide that is fully integrated with the application help. Each step in each decision template is accompanied by a detailed description of the step, including useful tips and information about common pitfalls, and application help describing how to work through the interface.

Contact Information

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