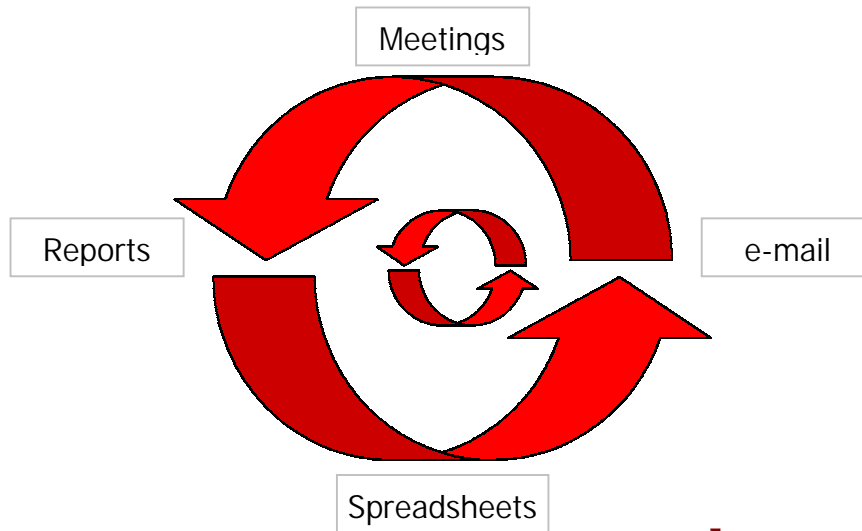


When evaluating
suppliers, employees, services, partners or products,
are you just giving yourselves



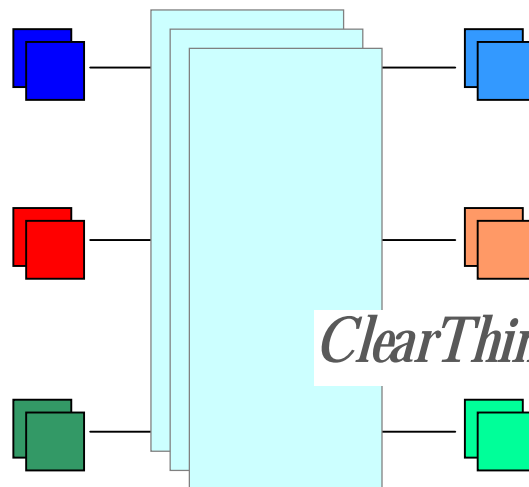
the run-around?

Spending way too much time in meetings or on the telephone?

Exhausting precious energy reading and writing reports & e-mail?

Wrestling with numbers nobody seems to agree on anyway?

Treat yourselves to



ClearThinking Lite

*collaborative decisioning software
for productivity-oriented professionals and organizations*



Users are presented with a simple, efficient work area to assess and evaluate alternatives

Team-based Analysis

- Olympic-style weighting and scoring
- Reduces paperwork and meetings
- Streamlines your group decision process
- Increases analytical precision & saves time
- Little or no training – includes context help
- Sets up quickly

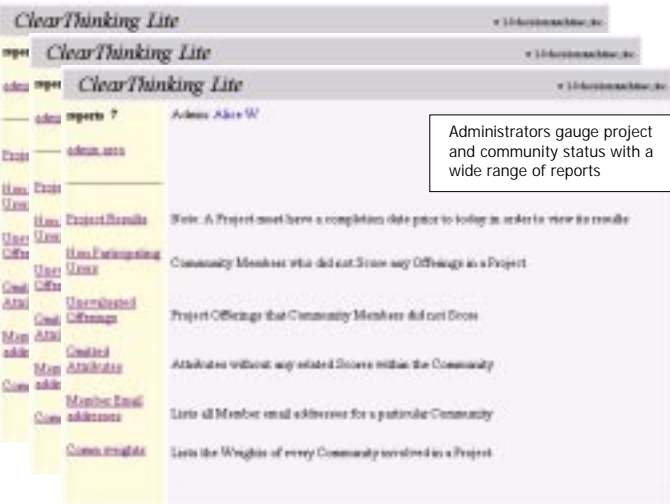


Administrators easily control and manage project, community and member elements

Enterprise-ready

- Supports unlimited users/project
- Easily compare any number of alternatives
- Freely establish criteria
- Multi-mode environment: *Basic, Advanced, Expert*
- Single person project administration
- Internet enabled -- works from a browser*
- Server-side license – no per/user costs

* MS Internet Explorer



Administrators gauge project and community status with a wide range of reports

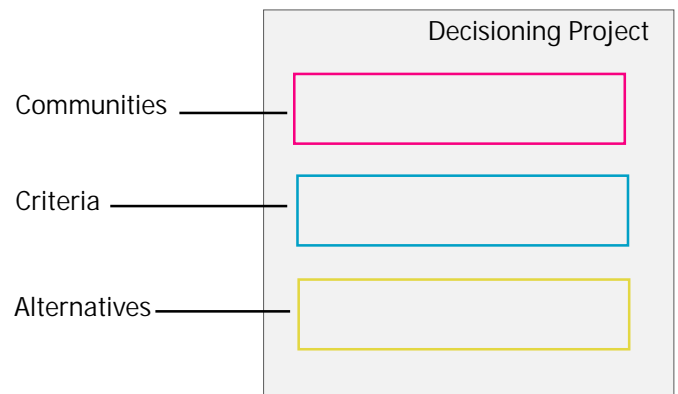
Powerful Toolset

- Weigh criteria & score alternatives – 1 to 10
- Participants control their own weights and scores
- Completely anonymous and secure
- Multi-level user and community weighting heirarchy
- Full suite of administrative reports
- Addresses complex problems
- Audit functions for post-decision analysis
- Standardize decisioning across your enterprise

Simple to set-up and use. Every project contains the same basic elements. Administrators assemble, add and organize to your requirements, then invite users to participate.

Elegant Technology

- Solid, powerful technology
- Installs and configures quickly
- Scales to very large user populations
- Easy to learn, administer and use
- Intranet Portal ready
- Customizable by your IT staff
- Full source code provided!



Benefits

- * Saves time by reducing the need for meetings, e-mail, spreadsheets, and reports
- * Coordinate analysis among any number of participants, regardless of location
- * Increase ROI and reduce risk by implementing a higher level of fidelity in decision analysis

Evaluate, Compare & Rank

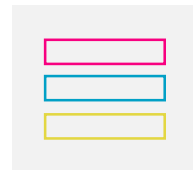
- | | |
|---|---------------------------------------|
| * competing products and/or services | * marketing and advertising campaigns |
| * candidates for employment | * financial alternatives |
| * competitors | * strategic initiatives |
| * capital investment strategies | * business partners |
| * suppliers of direct or indirect goods | * employee proficiency |
| * customer satisfaction | * budget priorities |

How CTLite works

Your entire team can evaluate CTLite at no cost. Visit www.ctlite.com

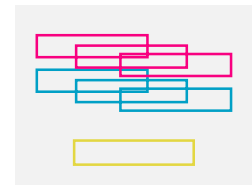
Basic - Single Community

Decisioning project participants become members of a community
 Members are assigned weights based upon skills, expertise
 Community members establish criteria and individually weigh
 Competing alternatives are scored against the criteria
 Alternative with highest overall score indicates the best choice



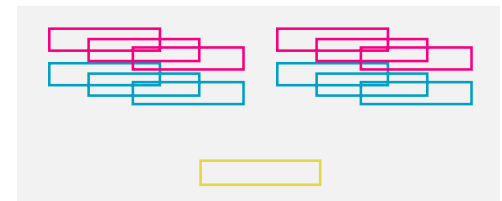
Advanced - Multiple Communities w/symmetric membership

Group criteria by functional category, then allocate to communities
 Communities are assigned weights based upon organizational needs
 Decisioning project participants become members of each community
 Members are assigned different weights in each community
 Community members establish criteria and individually weigh
 Competing alternatives are scored against the criteria
 Alternative with highest overall score indicates the best choice



Expert - Multiple Communities w/asymmetric membership

Group criteria by functional category, then allocate to communities
 Communities are assembled into independent, operational clusters
 Communities are assigned weights based upon organizational needs
 Based upon operational expertise and responsibilities, decisioning project participants become members of specific communities
 Members are assigned different weights in each community
 Community members establish criteria and individually weigh
 Competing alternatives are scored against the criteria
 Alternative with highest overall score indicates the best choice



CTLite is an end-to-end XML application built on an Oracle 8i (8.1.5) database using the Oracle XML Developers Kit (XDK) and related components. Pages referenced in the browser location bar are Oracle *XSQL* pages, served up using the Apache web server (1.3.14), Jserv servlet engine (1.1.1), and the Oracle *XSQL* servlet (1.0.4).

XSL is used in the presentation layer, and *CTLite's* current implementation employs Oracle's XML parser and XSLT engine for rendering XML to and from the browser. HTML is also employed, as is JavaScript, within the XSL files. The XSLT engine ignores HTML and JavaScript during its transformation activities.

The calculation routine used to determine the best Offering for the Project is a simple Oracle *package* (a report, really). No application server is required for *CTLite*.

Administrator e-mail services (smtp) are implemented via a simple Java program, triggered upon the completion of certain user actions. The actions are linked to the *XSQL* pages via an extension of *XSQLActionHandler* interface, which is part of the Oracle XML *XSQL* classes.

The Oracle database consists of standard tables and a few triggers for automatic table updates. *CTLite's* database is been designed for performance and easy maintenance.

CTLite requires a web server and servlet engine, along with the necessary XDK components from Oracle. More information about Oracle's XDK, including validated web servers and servlet engines, can be found at www.oracle.com

About Decision Machines, Inc.

Decision Machines was founded in 1999 to develop and market the *ClearThinking* collaborative decision-analysis and decision-synthesis software for Global 2000 enterprises and institutions.

ClearThinking Lite (CTLite) is a collaborative, multi-criteria decision modeling tool for evaluating competing product or service offerings of moderate complexity. Criteria (*attributes*) are established within each *Community* by participating decision-makers (*members*), and weighted 1-10 as to importance according to each *member's* perspective. Each *member* then evaluates (*scores*) each alternative (*offering*) 1-10 along each *attribute*.

ClearThinking Enterprise (CTEnterprise) is a collaborative environment based upon traditional probabilistic and statistical decision analysis. It's primary utility is in strategic, complex, high value decision analysis and synthesis spanning multiple business units and enterprises. *CTEnterprise* is scheduled for release Q4, 2001.

Licensing Information

CTLite is licensed on a per-server basis. There are no client license or runtime fees. Documented *source code* is provided, along with a installation scripts for creating and populating the Oracle database. Installation documentation is provided, as are User and Administrator guides.

CTLite contains context help, and supplementary how-to-use information can be found at www.ctlite.com.

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