

# Dragonfly

## Requirement Management System



### Dragonfly can help you:

- Capture and Define Requirements
- Track and Control Changes
- Enforce Processes
- Analyze and Review Requirements

Requirement Management is a key aspect of smooth software project development. The goal of requirement management is to establish a mutual understanding between the customer who make the requirements and the development team who is responsible to meet such requirements. Much like a tailor, who modifies the clothes according the customer's requests until it's a perfect fit, Requirement Management is essential to the quality of the end product.

In software development, requirements and the end product have a very tight relationship. One of the most important premises in developing high quality software is to keep head to head with customer requirements and requirement management's goal is to make sure that happens. During the development cycle of a product, requirements are constantly changing. Requirement management ensures that such requirements are always clear to the team, and that everybody plays out their role in the process.

In order to reach better management of development requirements, strengthen teamwork and communication with customers, enterprises need professional software to help centralize project requirement management. With requirement documenting and indexing, Hansky Dragonfly can trace any requirement in the system and efficiently control requirement changes. By means of baseline management and milestone management, Hansky Dragonfly keeps a comprehensive record of the development history and is able to turn back to any stage of the development process.

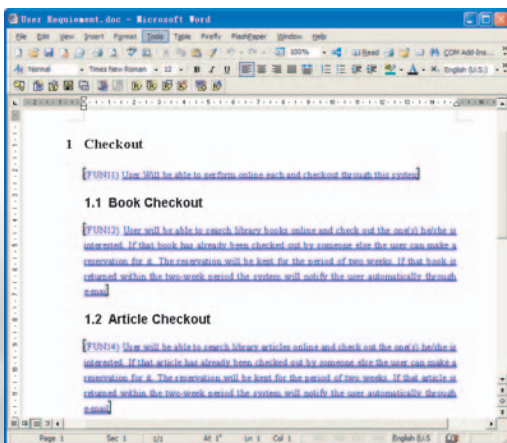
## Capture and Define Requirements

*Hansky Dragonfly can help you record and clarify customer requirements. It ensures both parties discuss product functionalities on the same premises, and smoothes the communication between developers and customers.*

### ● Excellent Interactivity with MS Word

Dragonfly's integration with MS Word (Dragonfly Word Add-In) brings the power of Dragonfly to your already familiar work environment and provides you with options to reuse existing word documents. It also ensures that both parties discuss project development and product features on the same premise.

Users can conveniently create, modify and delete requirements in a Word document and then import them into Dragonfly system.



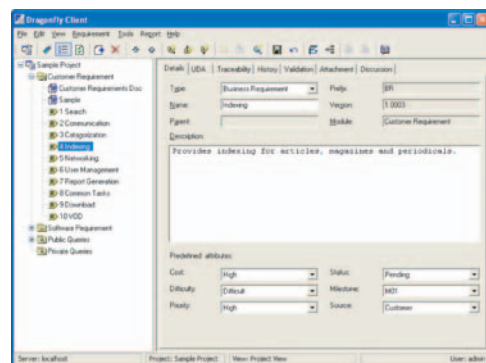
### ● Work Offline

By using Dragonfly Word Add-In, you can work with requirements offline and import the modifications into the system at a later time.

### ● User Friendly GUI

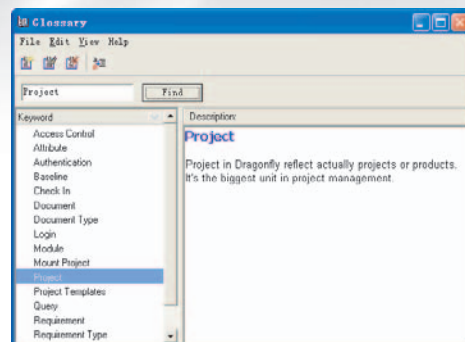
Dragonfly's client end is a Windows application

developed using industry leading .NET technology. Its interface is simple, elegant, and easy to use. It allows different personnel working on various aspects of a project to accomplish different tasks effortlessly.



### ● Dictionary Management

Dragonfly supports system and project level dictionary management, which provides vocabulary lists. Developers can define a term in the list. The term can then be looked up and used by other personnel when writing requirement descriptions. This ensures that the description is accurate and clear and avoids any ambiguity or misunderstanding.



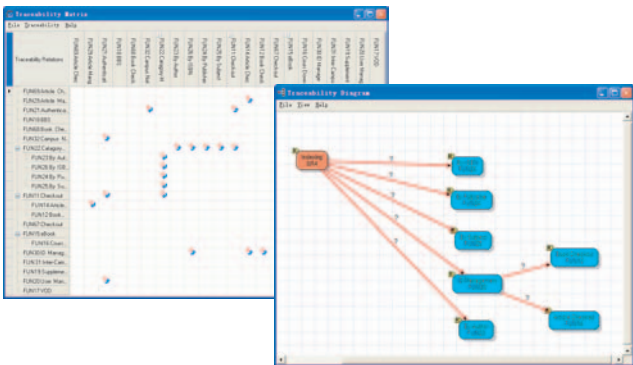
## Track and Control Changes

*In Dragonfly, users can associate a requirement with any number of other requirements. This way, when one requirement is modified, users can have a picture of the impact it has on the whole project. It helps enterprises to analyze the risks and costs associated with such change(s), thus achieving requirement modification control.*

## ● Traceable Requirement

Dragonfly lowers the costs and risks associated with requirement modification substantially through its outstanding requirement traceability support.

Traceability Matrix allows users to visually inspect the traceability relationship between requirements. Traceability Diagram allows the display of all the traceability relationship associated with a certain requirement clearly in the form of tree diagram.



## ● Integration with Butterfly

Dragonfly can integrate with Butterfly Change Management System. Through this integration, users

## Enforce Processes

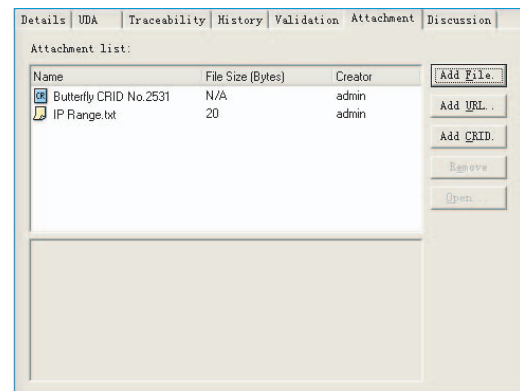
### ● Full CMM Support

Requirement Management is the first KPA (Key Process Area) of CMM level two. Dragonfly uses modules to classify and manage software project requirements, document and index requirement management. It also creates a priority and unique ID for each and every requirement so that the project manager would be able to soundly schedule, and complete the project on time and within the budget.

### ● Secure Access Control

Dragonfly grants each user with strict access right. It enables the sharing of information within the development team while making sure that such information stays within the group. Dragonfly's permission configuration is based on user group management and group policy. It can grant any user with various rights according to the needs of the project. The project manager defines the group policy and applies

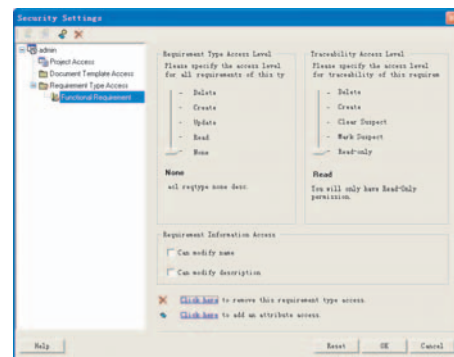
can conveniently keep track of the state of certain requirement in the project and log problems that occur in testing on real time basis.



### ● Baseline Management and Complete Requirement History

Project managers can establish requirement baselines on all of part of the requirements according to the different phases of a project and all changes to the requirements inside Dragonfly are recorded to greatly enhance requirement traceability and making comparison between present and historical records possible.

such policy to user group(s). User group can be defined based on roles or organization structure.



### ● Lock/Unlock

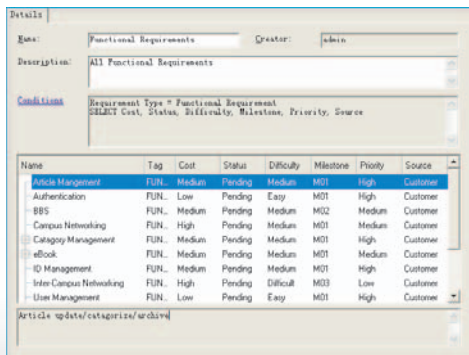
Creating requirement baseline and ensuring its data integrity and security is an important part of requirement management. In order to avoid unwanted changes and human errors, Dragonfly provides a locking/unlocking mechanism. Before a baseline is established, it is recommended to lock the project to prevent undesired change from being introduced into the baseline.

## Analyze and Review Requirements

### ● Flexible Query Customization

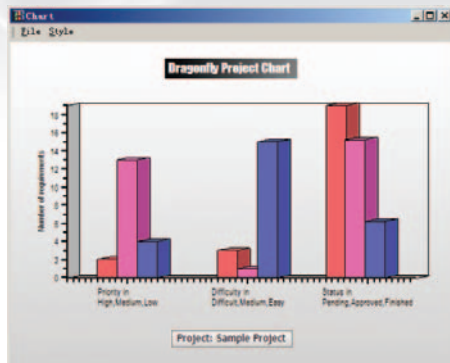
Dragonfly offers Query as a way for users to search for project requirement(s) according to his/her own criteria. The end user customizes his/her query and search for matching requirement(s) with Dragonfly Client.

There are two different types of query in Dragonfly, Public Query and Private Query. Public Query is for every user under the same project, while Private Query is only for the user who created that query. No other user can access a Private Query.



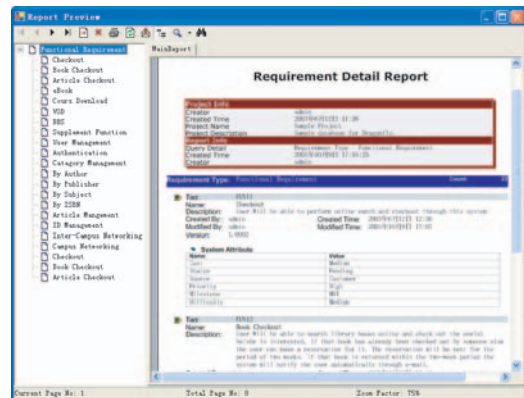
### ● Intuitive Charts

In order to observe and evaluate current stage or historical trend of the project more intuitively, Dragonfly offers the ability to generate and export charts. Charts present the query results in a fashion that is clear at the first glance to users. Therefore, the users can grasp more information, on a higher level, about the distribution of the project requirements. Then these requirements can be evaluated on different standards.



### ● Powerful Report Generation

Dragonfly can generate and export a full range of reports based on a project. Its content can be set to include details and histories of any requirement(s) on every level. Report customization is based on pre-defined queries. A customized report can be saved and reused.



## System Requirements

### ● Dragonfly Server

OS  
 Windows NT/2000/2003 Server  
 Linux  
 Solaris  
 Database  
 MySQL 4.0  
 Misc  
 JRE1.4

### ● Dragonfly Client

OS  
 Windows 98/ME/2000/XP  
 Misc  
 Microsoft .NET Framework 1.1