CWEB™

The Key to Unlocking Engineering Data

CWEB integrates information from many different applications into a common system that is fully indexed, searchable, and deployable via an easy-to-use web interface.

Engineering Information Deployment

The importance of efficiently deploying engineering data across the enterprise, to suppliers, and to customers is critical in achieving true integration among the stake holders of the product development process.

It used to be called "Concurrent Engineering"; today, some call it "Collaboration"; others "Product Lifecycle Management"; we think it's just common sense - easily sharing information as needed - among those who have a need to know, use, add value to, and contribute to the overall success of a project.

Finally, there's an affordable, comprehensive, all-in-one point of entry into the engineering data repositories allowing both technical and nontechnical users access to data. Finally, one application can be deployed to index and distribute your engineering data - **CWEB**.

CWEB is a web-based software application for accessing engineering data regardless of the system or software on which it originated. CWEB collects, integrates, and prepares engineering data for distribution across the organization.

CWEB, from CAD Centric Systems, is the means by which companies can realize their vision of enterprise wide access of engineering information, streamline supplier interaction, and easily deploy data to manufacturing.

Implementation

CWEB can be installed to meet a number of key deployment requirements allowing for a variety of configurations and implementation possibilities.

As an internal resource, CWEB can provide company-wide availability of engineering data to all people with authority to access the information.

In a remotely accessed configuration CWEB can provide secure access to up-to-date data independent of location or geographic boundaries.

In a collaborative environment, CWEB can easily be configured as a supplier gateway delivering controlled customer/supplier access to engineering data.

CWEB PROVIDES SEAMLESS ACCESS TO ENGINEERING DATA

FROM DESIGN TO PURCHASING TO MANUFACTURING TO THE SUPPLIER BASE, IN ONE DISTRIBUTED, INTEGRATED WEB SOLUTION.

CWEB Provides Numerous Features for Data Distribution

Secure Access

CWEB provides for multiple logins which can be based on users, departments, companies, suppliers, or any other structure that is desired. Access is completely definable and can be customized on a site by site basis.

This flexibility allows for the mapping of projects and data by user login. This ability can easily give specific users or groups of users access to single or multiple projects and/or data stores in any combination.

Database Adaptors

The availability of a large number of database adaptors gives CWEB the flexibility to be installed in very diverse environments. As an application, CWEB does not create engineering data; rather, it creates a reference set using database adaptors to mine the data from the various applications.

This reference set contains metadata about the stored files such as part number, version, creation date, etc. Because this information is light weight, it can be searched quickly. And, since information can come from a number of data stores, it can be cross indexed and passed to other programs for automated processing.

It is this flexibility that allows CWEB to act as a bridge connecting all engineering and non-engineering data in an organization.

Advanced Search Utility

The cross application availability of engineering data in CWEB allows users to perform complex queries against the data set that would not otherwise be possible. For example, active and archival data when combined in a searchable CWEB index allows purchasing to track part history and where used reporting.

When combined with data from an ERP system, CWEB can track part effectivity information, insuring that the correct data is available to the shop floor.

All Your Data in One Handy Place

CWEB offers a simple-to-use interface to the complex information stored in CAD systems and other document data stores including non-engineering data. Access to the system is by user login and provides user control to information.

Searching is simple and queries can be structured using single or multiple criteria. Resulting search information is presented in a tabulated form with hot links to the on-line data files.

Launching of applications based on file type provides immediate access to the information and original files. The unique Info Card (pictured above) provides the user a comprehensive view of the stored metadata allowing for "drill-down" data search and information.

CAD Centric

Cincinnati, Ohio, USA
http://www.cadcentric.com