

## Office to enterprise Product Data Management

DDM Professional is an easy to use, multi-CAD PDM solution for Solid Edge®, SolidWorks®, IronCAD®, Creo Elements/Pro®, AutoCAD® and Inventor®. Providing full lifecycle management and revision control of parts, models, drawings and office documents, DDM ensures that the right information is delivered to the right people at the right time.

DDM is a scalable system that grows in line with your needs. At a basic level it can be used as a file vault with simple access controls ensuring data integrity. At an advanced level it can satisfy the needs of a global multi-site organisation with document, project and process management. DDM provides a complete electronic audit trail of change and release history, helping to meet your compliance obligations.



The DDM philosophy is focused on delivering a solution to have you productive within hours, without the expensive and lengthy implementation times normally associated with PDM installations. Cost of ownership is minimised through low on-going maintenance, centralised backup and simple fast upgrades.

The screenshot displays the DDM software interface. At the top, there's a menu bar (File, Edit, Show, View, Tools, Language, Favorites, Help) and a search bar. Below is a 'My Favorites' sidebar and a main file list table. The table has columns for Name, Issue, Description 1, Status, Category, Reserved In, Reserved By, and File Type. One row is selected, showing details for 'Creo : Introduction Homepage.psd'.

Overlaid on the file list is the 'DDM Properties - No: CA-10025A Issue: 1' window. It shows fields for Name (CA-10025A), Issue (1), Description (pneumatic control panel), Status (released), and Business Unit (CLIENT-QPCo-DATA). Below these are tabs for General, Properties, Versions, Custom, Preview, History, Links, Model, and Change Notes. A 3D model of a mechanical part is visible in the background of this window.

At the bottom, the 'Routing List Graphical Preview' window is open, showing a flowchart of the Engineering Change Request (ECR) process. The flow starts with 'Proposed', goes through 'Design Review', 'Design Authority Approval 1', 'Design Authority Approval 2', 'Operations Review', and 'Finance Review'. It then proceeds to 'Design Work Actions', 'Design Approval', 'Manufacturing Approval', 'Material Control Approval', 'Finance Approval', and 'Design Release', finally leading to 'ECR Closed'. There is also a path for 'ECR Rejected'.

DDM main user interface. model properties preview and engineering change order workflow

## Key Features

- **Full office document management capabilities** are included within DDM Professional
- **Business process management and visibility** via graphical workflow mapping tools
- **Full audit history** recorded throughout the product lifecycle
- **Easily configured, comprehensive access control list** allows you the ability to manage viewing rights and control modification permissions for parts, assemblies, drawings and documents
- **Powerful search tools** such as category browser, my recent items and user defined favorites, help users quickly find parts
- **Automatic thumbnail and PDF generation** on model and drawing respectively
- **Comprehensive 'where used' queries** for parts, assemblies, drawings, documents, ensuring clear understanding of the impact of any changes
- **Drawing title block population**  
Custom attributes defined in DDM can be transferred to the CAD object for use on the drawing title block. Examples include supplier, supplier part number, item description etc
- **Drawing change notes**  
DDM captures all change note information as items are up-issued. These notes can be transferred to the drawing to automatically update the revision history table
- **Bill of Materials management**  
Automatic generation of BOM's as assemblies are stored from the CAD application. A BOM editor allows downstream modification to adjust modelled quantities and/or add non-modelled items such as lubricants and adhesives
- **Configurable Enterprise Update Manager** allows you to publish BOM information electronically to an ERP or MRP system. Transfer can be triggered automatically as part of lifecycle management, or manually where long lead time items need procuring ahead of release

## Key Benefits

- **Secure shared access to data** in a multi-user, multi-site environment without risking IP
- **Spend more time designing** and less time searching, with DDM's powerful search tools
- **Out of the box auto-numbering utility** guarantees no duplicates, issuing numbers at the point of save to DDM
- **Reduce errors, improve productivity** and encouraging component re-use with DDM's powerful search tools
- **Capture audit trail of decisions** changes and document approvals for compliance
- **Automatic BOM update and ERP export** facility saves you valuable time
- **Protect and ensure the integrity of your most valuable asset**

### Licensing and System Requirements

#### Client minimum requirements

250mb hard disk space  
Windows Vista Business / Vista Ultimate /  
7 Professional / 7 Ultimate

#### Licensing

DDM CAD Professional is licensed on a single floating concurrent user basis.

#### Server minimum requirements

Windows Server 2003 Standard / Server 2008  
500mb Disk Space + Space for vaulting files

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