

DDM: Engineer Change Process Management

Engineering Change Note (ECN) Process

The DDM ECN Process is based on a number of change-related features available within DesignDataManager. By combining these aspects of the product, administrators can configure ECN processes based on the way they currently work. DDM ECN functionality is available throughout the DDM Product Range



Project Folders

DDM provides project-centric functionality through 'Project Folders'. Project folders can be setup and configured quickly and easily to include your own company specific fields and attribute information.

An ECN folder may also hold all the information that is required by your ECN process. A range of state-controlled permissions are available to force generic workflow rules on the folders.

Up-Issue Manager

The DDM Up-Issue Manager dialog automates the up-issue/new version creation process by providing users with a powerful set of tools. These tools enable the user to create new versions of single or multiple items in a single Window.

Change Note Records

During the up-issue process, users are presented with a Change Note dialog, where change note numbers can be automatically driven from the current ECN folder if required.

Release State Manager

As part of the up-issue/new version process, the DDM Release State Manager automates the process of taking single or multiple items through their release states such as Work, Approved and Released.

These release states are configurable on a customer specific basis, to align with your own business rules and requirements.

Enterprise Visibility

All issue/version, release state and change note information is available through the standard DDM Pro, Office and Web products, making change information accessible throughout the enterprise.

Routing

By routing/sending a Project Folder, users can transfer ownership of the folder and the objects within it to other users as part of the ECN process.

Every event within the lifecycle of a project folder is recorded, providing detailed history tracking and audit trails.

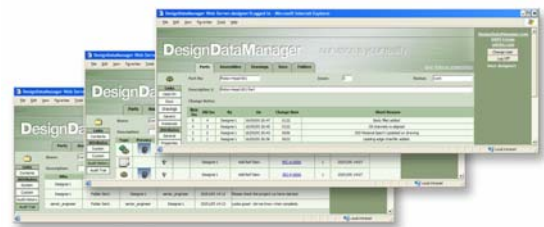
Email Notification

During the life cycle an object, users can subscribe to be notified whenever updates are made, including the creation of new versions with the option to auto subscribe to the new versions.

The same applies to project folders, where users can be notified on the progress. This functionality is especially useful in the routing of ECN folders, as ECN data is sent to users throughout your organisation, notification emails are dispatched to inform recipients.

Drawing Title Block Population

DDM object data from the ECN; change note number, issue number and description, is automatically made available to the title block within the drawing. Title Block population avoids re-keying to the CAD system and is editable through DDM.



DDM ECN Benefits

- Streamlined part and document change process.
- ECN tracking & data traceability for ISO audits.
- Extend the change process to remote locations.
- Reduce re-keying to CAD title blocks.
- Issue controlled documentation into the change process.
- Access data through a single data management system.
- Workflow allows predefined ECN routing with notifications.
- Track change note progress and history.
- Take control of the entire engineering design process.