Engineering Change Control

Fact Sheet

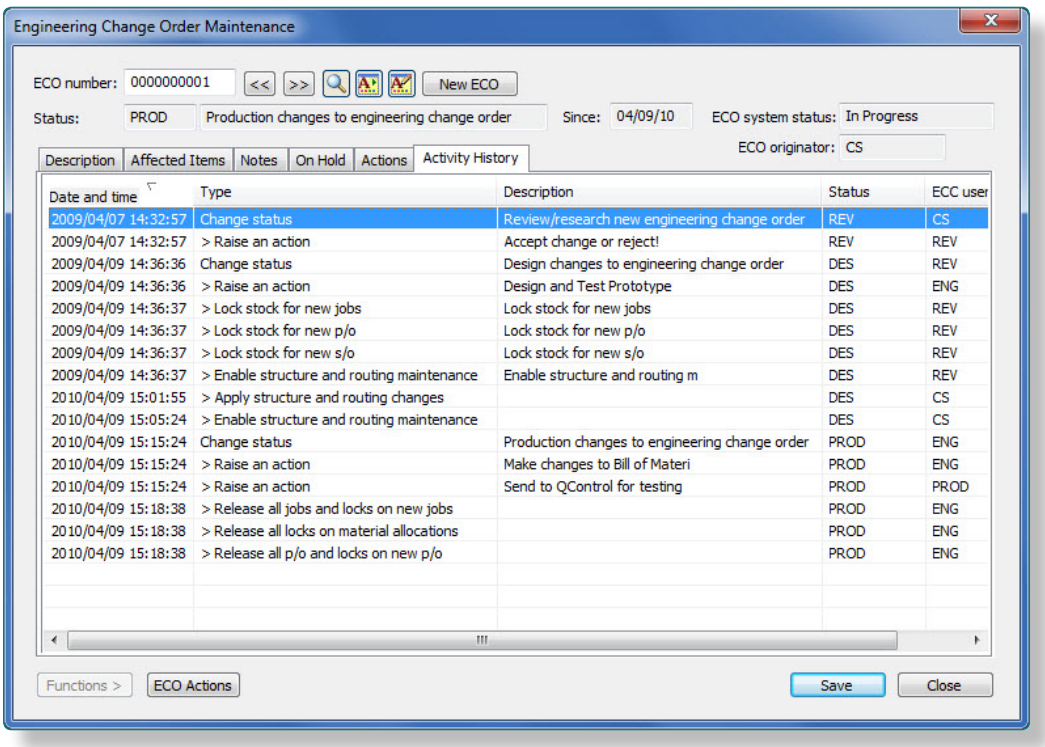
SYSPRO Engineering Change Control helps you improve the management of engineering changes to your products and/or associated data. This is achieved through user-defined workflow, steps and processes, and can augment or replace the paper trail that usually accompanies any changes to product design data. The archiving facility enables retrieval and production of prior revisions/releases.

The Engineering Change Control system gives you ready access to documentation on prior product versions. In this manner, you can address questions relating to product defects in older product versions. Comprehensive ECC documentation also enables you to easily revert to the production of prior product versions, if necessary, to suit the requirements of a particular customer or conform to regulatory requirements.

If a product is under the control of ECC, then any maintenance to a bill of material and/or routing of the product can be accomplished only by means of a current Engineering Change Order.

Engineering Change Orders provides the mechanisms to:

- Assign product design tasks to particular users (or groups of users)
- Transfer tasks between users (or groups of users)
- Notify users of new tasks
- Remind users of outstanding tasks
- Sign off engineering changes electronically



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The Facts

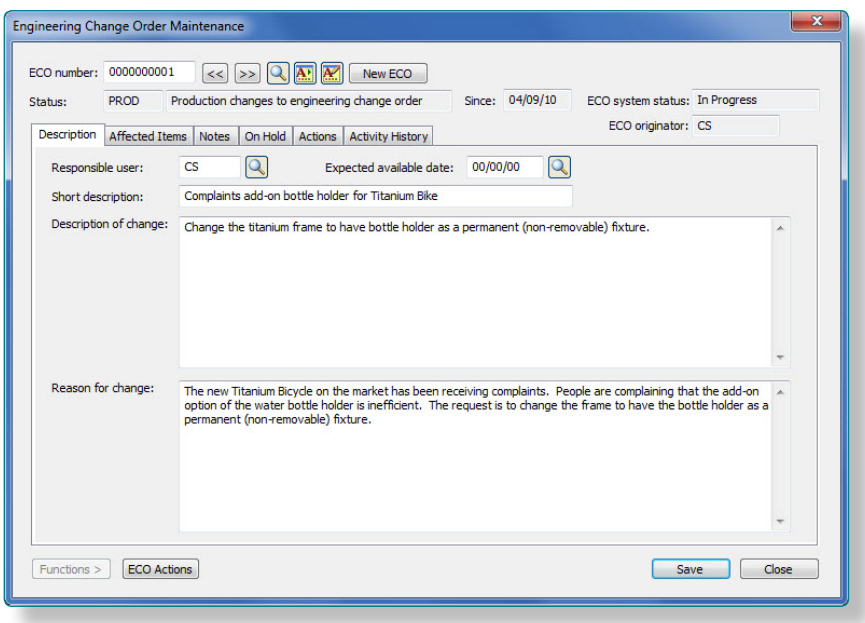
Fact Sheet

The Benefits of Engineering Change Control

- Define workflow to document and control product design changes
- Assign product design tasks to specific users/groups of users
- Transfer tasks between users/groups of users
- Define new task notifications, outstanding task reminders and electronic sign-off
- Control BOM and/or routings maintenance with mandatory Engineering Change Order's (ECO)
- Optionally prevent creation or maintenance of purchase orders, jobs and sales orders for products on an ECO
- Retrieve previous revisions of BOMs, routings and jobs from archives for production as planned or as built

Engineering Change Control Features

- Govern revision/release sensitivity at stock code level
- Keep track of product-related data such as drawings, circuit diagrams and CNC programs
- Enforce security and controls in the ECC process
- Govern the ECO cycle using meaningful user-defined status codes
- Define any number of user-defined statuses with associated routings
- Movement between statuses can be automatic or manual
- Trigger an associated event when an ECO is moved into a status
- Identify affected products against an ECO
- Identify existing jobs, purchase orders and sales orders relating to the affected products on the ECO with where-used queries



Integration with SYSPRO

- Bill of Materials (Essential)
- Inventory (Essential)
- Purchase Orders
- Quotations
- Sales Orders
- Work in Progress

Audit trails and reporting

- Report on status of all Change Orders
- Report on all revisions and releases held against ECC controlled items
- Listing of ECC users, Status Codes and Routings