

Engineering Change Control



focus on essentials

For many design and manufacturing companies, the engineering change control system is one of the last remaining paper-based business processes. Engineering Change Request forms (ECRs) have been tweaked and honed over many years of inter-departmental negotiation, and the whole procedure is encapsulated in ISO 9000 quality documentation. Computerisation can end the paper chase, shorten the change cycle, and provide instant visibility of change history. However, any computerisation of the process must have the flexibility to match specific ways of working whilst maintaining procedural quality control.

- ECR entry with notes and reason for change, status, etc.
- Change control may be applied optionally per ECR to different elements of the system data, eg: drawings, stock parts, BOMs and routings
- Each ECC user can be set up with rights to raise ECRs, review them, and approve them for changes to drawings, parts, items and/or routings
- Multiple approval routes can be set for different types of ECR. The Swan Alerts module may be used to expedite the approvals work flow.
- Associated documents and drawings can be attached to the ECR, with hyperlinks for viewing.
- Where Used Enquiry shows all BOMs affected by the proposed change. Change pending flag and full ECR history against items

